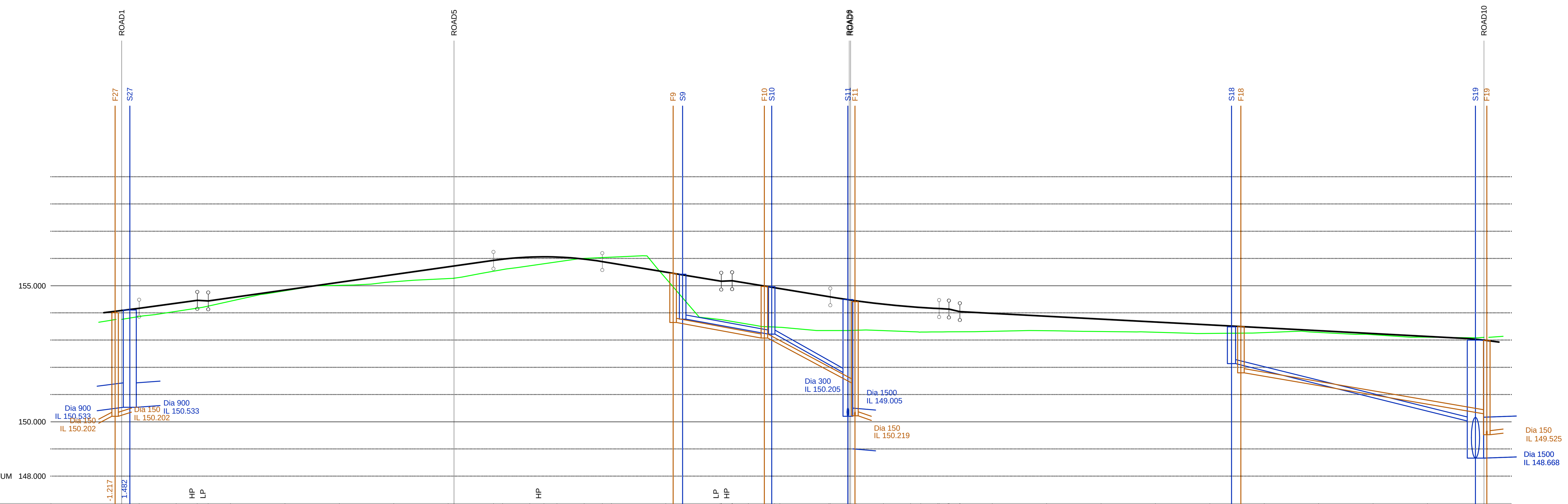
CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

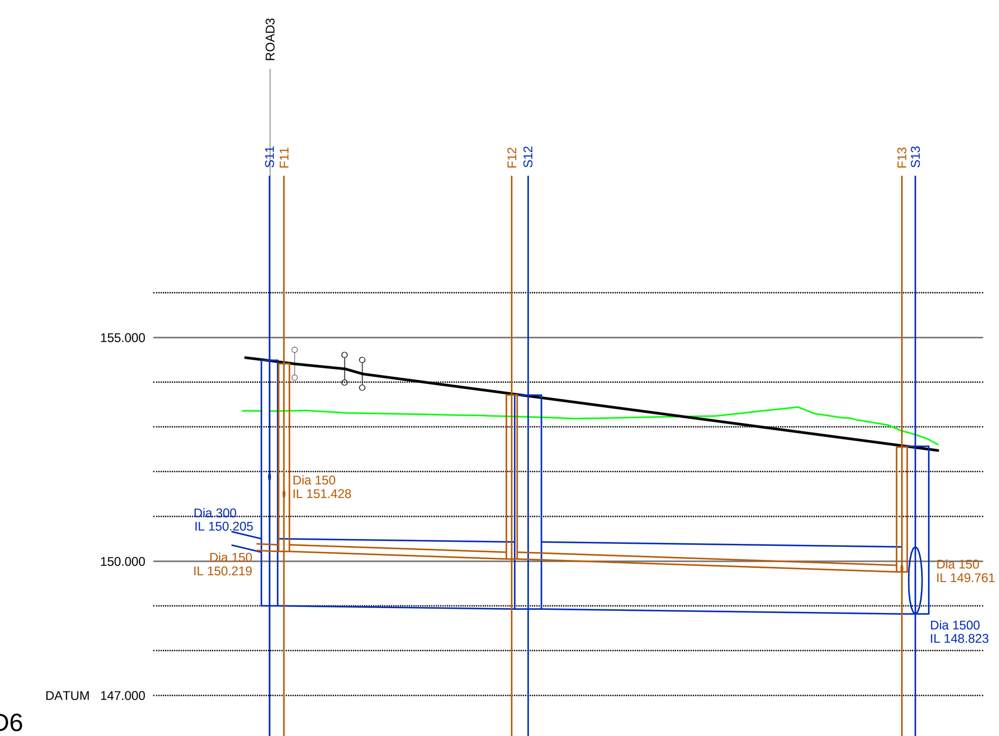


ROAD3

Band	Values
CHAINAGE	0.000, 3.198, 10.000, 13.911, 15.875, 20.000, 30.000, 40.000, 50.000, 60.000, 61.070, 68.334, 70.000, 75.000, 77.597, 80.000, 85.000, 88.334, 90.000, 100.000, 101.344, 103.097, 110.000, 112.176, 115.185, 118.124, 119.474, 120.000, 120.977, 130.000, 130.242, 133.470, 134.771, 135.000, 140.000, 145.000, 146.868, 150.000, 151.875, 154.027, 160.000, 170.000, 180.000, 190.000, 200.000, 203.984, 205.713, 210.000, 220.000, 230.000, 240.000, 248.822, 250.392, 250.906
EXISTING GROUND LEVEL	153.762, 154.058, 154.432, 154.815, 155.013, 155.144, 155.261, 155.591, 155.877, 156.048, 155.271, 153.758, 153.481, 153.353, 153.350, 153.302, 153.326, 153.347, 153.316, 153.292, 153.247, 153.278, 153.285, 153.201, 153.111, 153.096, 153.102
ALIGNMENT LEVEL	154.172, 154.356, 154.460, 154.440, 154.556, 154.841, 155.125, 155.409, 155.693, 155.930, 155.973, 156.052, 156.062, 156.053, 155.978, 155.885, 155.830, 155.501, 155.171, 155.183, 154.927, 154.597, 154.589, 154.445, 154.322, 154.228, 154.160, 154.142, 154.048, 153.984, 153.878, 153.772, 153.666, 153.561, 153.455, 153.349, 153.243, 153.138, 153.058
VERTICAL ALIGNMENT	G= 2.700% 1: 37.0; 1: -95.2; G= 2.842% 1: 35.2; L= 20.000 KF= -3.25871; G= -3.295% 1: -30.3; 1: 104.7; G= -3.295% 1: -30.3; KF= 8.71460 L= 20.000; G= -1.000% 1: -100.0; G= -1.058% 1: -94.6
HORIZONTAL ALIGNMENT	R= 14.750; R= 12.750
STORMWATER COVER LEVEL	154.106, 155.423, 154.963, 154.490, 153.487, 153.002
STORMWATER INVERT	153.773, 153.221, 153.221, 151.813, 152.137, 150.030
STORMWATER DETAILS	Pipe 3.000 Dia 150 Circular CLAY 1 in 30; Pipe 3.001 Dia 150 Circular CLAY 1 in 10; Pipe 5.000 Dia 150 Circular CLAY 1 in 21
STORMWATER LENGTHS	16.555, 14.083, 44.840
FOULWATER COVER LEVEL	154.009, 155.453, 154.970, 154.413, 153.501, 152.990
FOULWATER INVERT	153.650, 153.077, 153.077, 151.428, 151.801, 150.295
FOULWATER DETAILS	Pipe 3.000 Dia 150 Circular CLAY 1 in 29; Pipe 3.001 Dia 150 Circular CLAY 1 in 10; Pipe 5.000 Dia 150 Circular CLAY 1 in 30
FOULWATER LENGTHS	16.635, 16.493, 45.193

ROAD3

Scale :-
1:500 Horiz
1:100 Vert



ROAD6

Band	Values
CHAINAGE	-0.060, 0.000, 1.553, 2.750, 8.307, 10.000, 10.332, 16.984, 20.000, 27.018, 28.843, 30.000, 34.655, 40.000, 50.000, 60.000, 70.000, 70.636, 72.141, 74.659
EXISTING GROUND LEVEL	153.357, 153.309, 153.272, 153.220, 153.211, 153.251, 153.370, 152.966, 152.609
ALIGNMENT LEVEL	154.413, 154.300, 154.189, 153.929, 153.663, 153.397, 153.131, 152.864, 152.598, 152.474
VERTICAL ALIGNMENT	G= -2.000% 1: -50.0; 1: -17.4; G= -2.663% 1: -37.6
HORIZONTAL ALIGNMENT	R= 45.000
STORMWATER COVER LEVEL	154.490, 153.712, 152.569
STORMWATER INVERT	149.005, 148.932, 148.932, 148.823
STORMWATER DETAILS	Pipe 1.007 Dia 1500 Circular Unknown 1 in 398; Pipe 1.008 Dia 1500 Circular Unknown 1 in 400
STORMWATER LENGTHS	28.972, 43.380
FOULWATER COVER LEVEL	154.413, 153.717, 152.552
FOULWATER INVERT	150.219, 150.052, 150.052, 149.761
FOULWATER DETAILS	Pipe 1.007 Dia 150 Circular CLAY 1 in 150; Pipe 1.008 Dia 150 Circular CLAY 1 in 149
FOULWATER LENGTHS	25.183, 43.416

ROAD6

Rev.	Date	Amendment	Drawn	Chkd.	Appd.

LAND & DEVELOPMENT ENGINEERING LTD
Spring Lodge
172 Chester Road
Helsby
Cheshire, WA6 0AR
United Kingdom
Tel: +44 (0) 1928 726006
Fax: +44 (0) 1928 725633
Email: lde@rsk.co.uk
Web: www.rsk.co.uk

Client: Taylor Wimpey

Project Title: Kingstone School Barnsley

Drawing Title: Longitudinal Sections Sheet 2 of 4

Drawn	Date	Checked	Date	Approved	Date
MAR	APR 14	DR	APR 14	ISC	MAY 13

Scale: 1:500 | Orig Size: A0 | Dimensions:

Project No.: 880431 | Drawing File:

Drawing No.: 40-02-02 | Rev.: P1

Scale 0 5 10 15 20 25m

File Location: L:\001 JOBS LIVE\880431 - KINGSTONE SCHOOL, BARNSLEY\GRAPHIN\FRASTRUCTURE\PLANNING PACKAGE\LONGITUDINAL SECTIONS-SHEET 2 OF 4.DWG