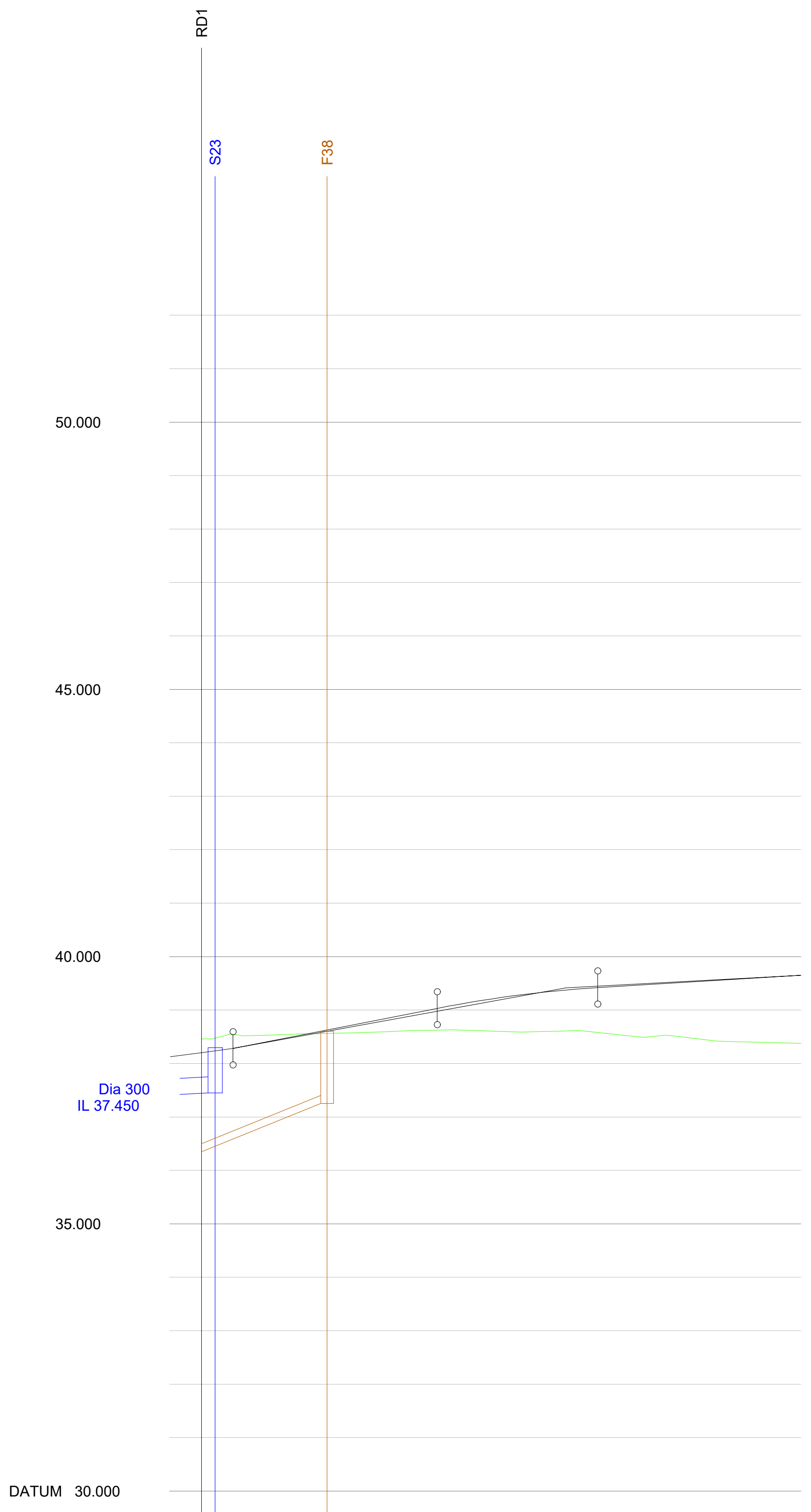
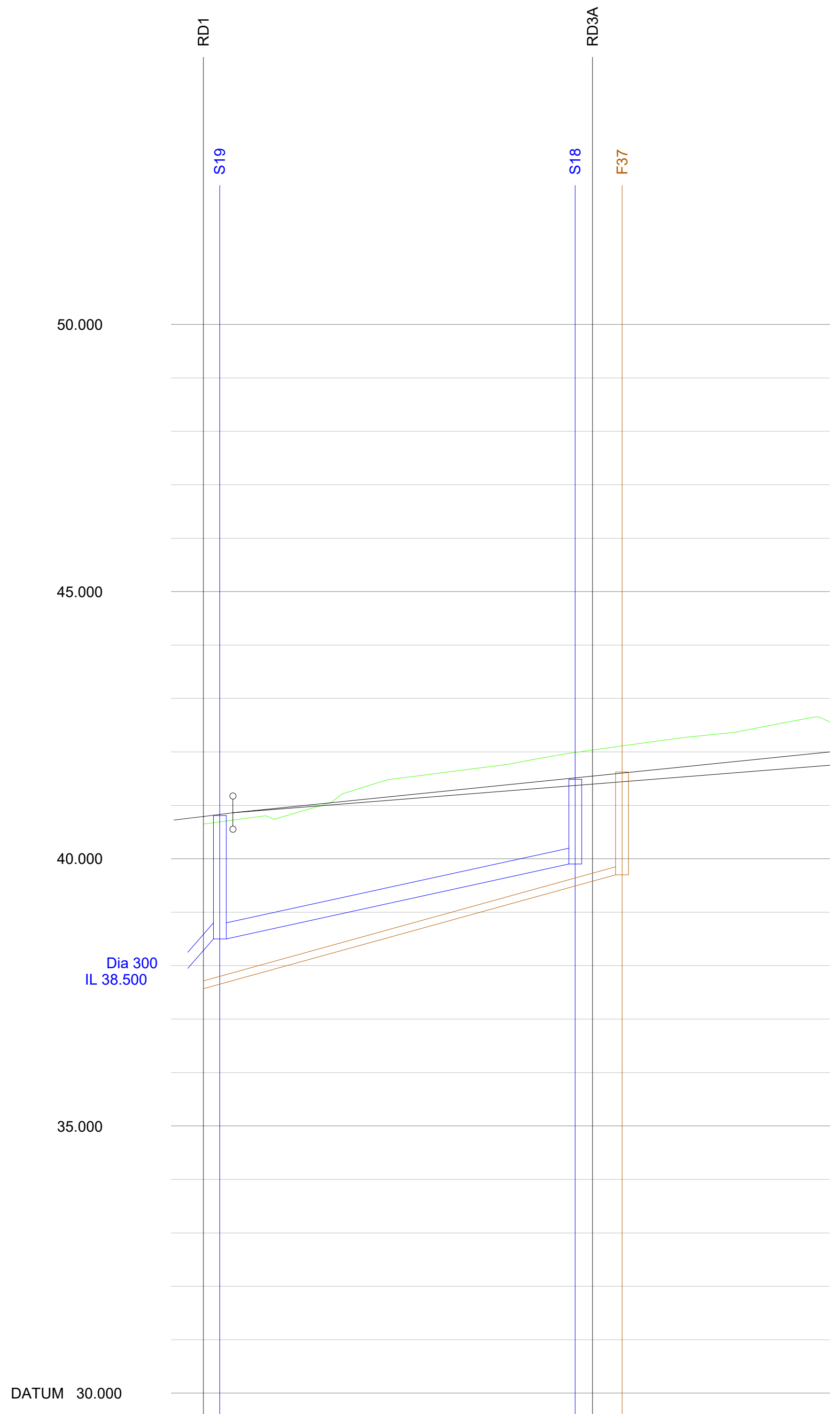


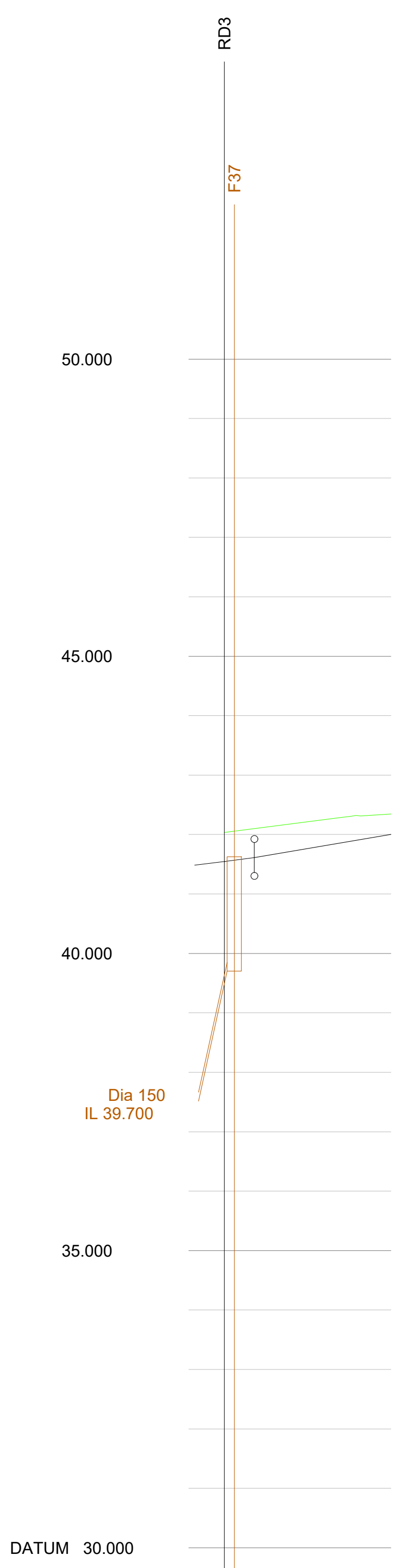
RD2

CHAINAGE	0.000	1.266	2.931	7.807	8.350	8.892	10.000	11.733	20.000	22.033	24.161	25.000	30.000	35.000	37.033	40.000	50.000	56.028
EXISTING GROUND LEVEL	38.458						38.554		38.616				38.590			38.515	38.408	38.374
ALIGNMENT LEVEL			38.280				38.558		38.952	39.032		39.140	39.288	39.390	39.418	39.454	39.576	39.650
VERTICAL ALIGNMENT			G= 3.934% 1: 25.4							L= 15.000 KF= -5.52703					G= 1.220% 1: 82.0			
HORIZONTAL ALIGNMENT				R= 80.000														
LEFT HAND CHANNEL						38.590	38.633		39.027				39.363			39.529	39.651	39.725
RIGHT HAND CHANNEL					38.414	38.440	38.483		38.877				39.213			39.379	39.501	39.575
STORMWATER COVER LEVEL		38.297																
STORMWATER INVERT																		
STORMWATER DETAILS																		
STORMWATER LENGTHS																		
FOULWATER COVER LEVEL								38.601										
FOULWATER INVERT								37.251										
FOULWATER DETAILS			Pipe 13.000 Dia 150 Circular CLAY 1 in 13															
FOULWATER LENGTHS			12.000															



RD3

CHAINAGE	0.000	1.535	2.750	8.750	10.000	20.000	30.000	34.792	36.401	39.185	40.000	50.000	58.615
EXISTING GROUND LEVEL	40.651				40.937	41.552	41.825				42.134	42.378	42.560
ALIGNMENT LEVEL			40.862		41.009	41.213	41.417				41.621	41.824	42.000
VERTICAL ALIGNMENT						G= 2.038% 1: 49.1							
HORIZONTAL ALIGNMENT													
LEFT HAND CHANNEL				41.046	41.072	41.276	41.479				41.683	41.887	42.062
RIGHT HAND CHANNEL				40.921	40.947	41.151	41.354				41.558	41.762	41.937
STORMWATER COVER LEVEL		40.808						41.488					
STORMWATER INVERT		38.500						39.900					
STORMWATER DETAILS						Pipe 4.000 Dia 300 Circular CLAY 1 in 24							
STORMWATER LENGTHS						33.257							
FOULWATER COVER LEVEL										41.625			
FOULWATER INVERT										39.700			
FOULWATER DETAILS						Pipe 12.000 Dia 150 Circular CLAY 1 in 18							
FOULWATER LENGTHS						40.149							



RD3A

CHAINAGE	0.000	0.931	2.500	8.500	10.000	13.986
EXISTING GROUND LEVEL	42.035				42.293	42.346
ALIGNMENT LEVEL			41.610		41.865	42.000
VERTICAL ALIGNMENT			G= 3.397% 1: 29.4			
HORIZONTAL ALIGNMENT						
LEFT HAND CHANNEL				41.751	41.802	41.938
RIGHT HAND CHANNEL				41.876	41.927	42.063
STORMWATER COVER LEVEL						
STORMWATER INVERT						
STORMWATER DETAILS						
STORMWATER LENGTHS						
FOULWATER COVER LEVEL		41.625				
FOULWATER INVERT						
FOULWATER DETAILS						
FOULWATER LENGTHS						

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.

Notes:

1. This drawing is to be read in conjunction with the Standard Details, the layouts, schedules and specification for this project.
2. All adoptable drainage to be constructed in conjunction with Design and Construction Guidance for Drainage or as stipulated in Southern Water Addendum.
3. For guidance on types and distances of proposed trees away from adoptable sewers refer Design and Construction Guidance for Drainage Restrictions On Tree Planting Adjacent To Sewers.
4. A + 1% gradient represents a rise of 1m in 100m.
5. Left and right hand channels are on the left and right hand side respectively, when standing at zero chainage and looking along the road.
6. A level at any point 'X'm from the start of a vertical curve is given by the formula:-

   Level @ 'X' = Level @ start of the curve + $\frac{AX}{100} - \frac{(A-B)X}{200L}$

   where A and B are the gradients at the start and end of the curve respectively and having the algebraic signs +/, - .
7. LHG and RHG indicates a left and right hand gully respectively.
8. Pipe sizes are stated in millimetres and levels are shown in metres A.O.D.
9. All pipes to have flexible joints with granular bedding (ClaS S) unleS stated otherwise. Where 150mm concrete bed and surround is specified the concrete must be broken at the joint positions by the insertion of a "flexcell" collar.
10. Connections to existing sewers are to be "SOFFIT TO SOFFIT" unleS noted otherwise.
11. All concrete pipes to be CLAS 'M' All clay pipes shall comply with BSEN 295-1 crushing strengths and shall have a minimum crushing crushing strength of 34KN/m. All Concrete pipes 300Ø and above shall be claS 120 and have a minimum crushing strength of 36kn/m
12. 'MV' is equal to the rate of change of gradient and is calculated from the formula:-

   MV= $100 * \frac{(A-B)}{L}$ where A and B are as in Note 4 above.
13. Existing levels to be confirmed on site prior to commencement of works.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P04	30.06.25	Long Section updated to suit new site layout	SB	GXA	RD
P03	13.12.2024	Issued for PLANNING RESUBMISSION	SB	GXA	RD

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Client
BARRATT DAVID WILSON
(SOUTHERN COUNTIES)

Project Title
NEW PLACE FARM
PULBOROUGH
WEST SUSSEX

Status
PLANNING

Drawing Title
LONG SECTION
ROADS 2, 3 AND 3A

Drawn	Date	Checked	Date	Approved	Date
LN	09.24	GXA	09.24	RD	09.24

Scale: 1:500
Orig Size: A1
Dimensions: m

Project No.: 890815
Drawing File: 890815-RSK-ZZ-XX-DR-C-8013 to 8022 Long Sections.dwg

Drawing No.							Rev.
890815	RSK	ZZ	XX	DR	C	8014	P04
Project	Orig.	Vol./Sys.	Lev./Loc.	Type	Role	Draw. No.	

Scale 1:500
0 5 10 15 20 25m

File Location: Z:\P-LDE (PROJECTS)\890815 - NEW PLACE FARM, PULBOROUGH\GRAPH\INFRASTRUCTURE\DRAWINGS\8 - PLANNING\890815-RSK-ZZ-XX-DR-C-8013 TO 8022 LONG SECTIONS.DWG