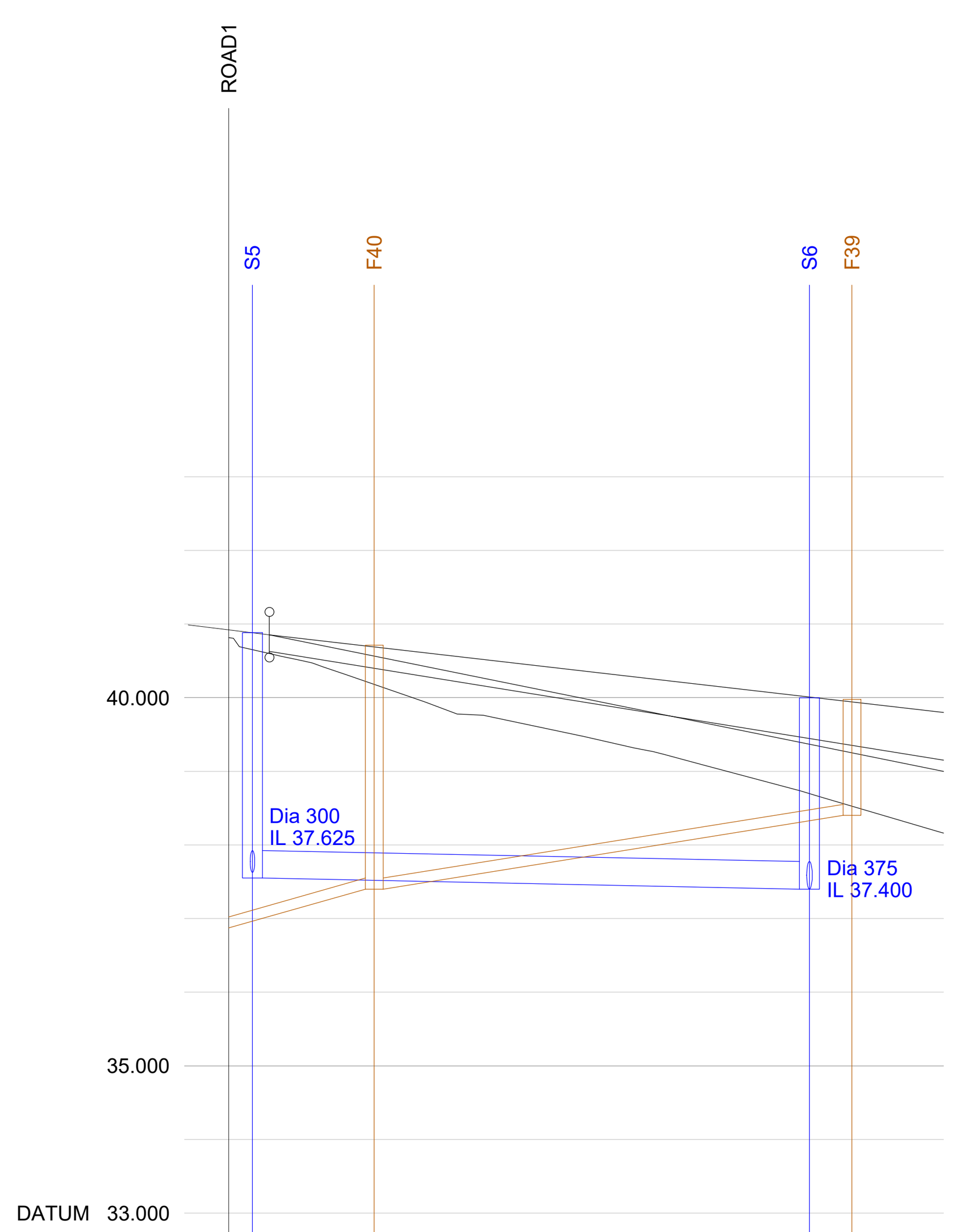
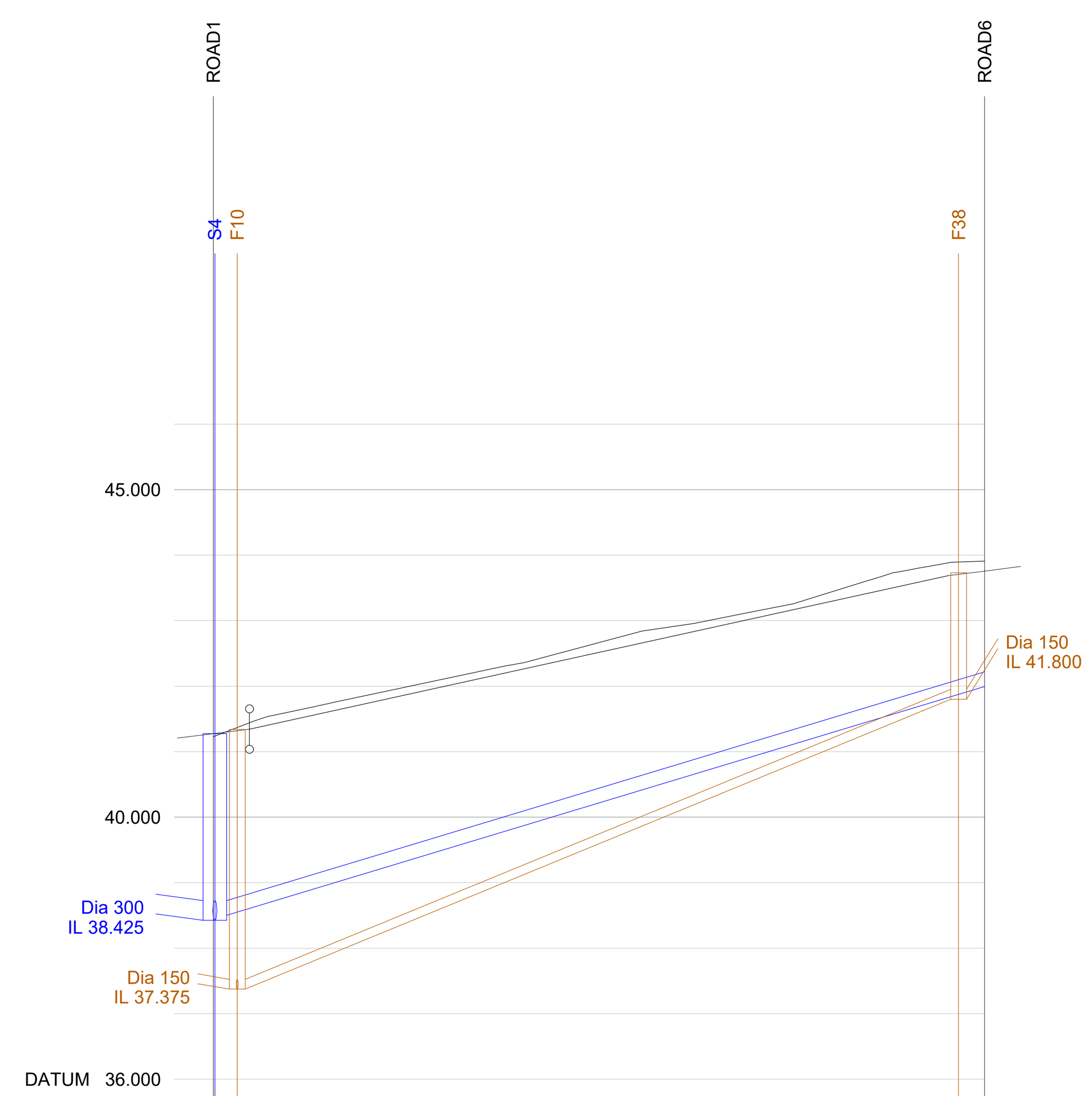


ROAD4

CHAINAGE	0.000, 1.605, 2.866, 4.412, 6.419, 7.978, 9.870, 20.000, 30.000, 39.395, 42.277, 48.490
EXISTING GROUND LEVEL	40.813, 40.172, 39.648, 39.204, 38.660, 38.161
ALIGNMENT LEVEL	40.852, 40.685, 40.455, 40.225, 39.995, 39.800
VERTICAL ALIGNMENT	G= -2.300% 1: -43.5
HORIZONTAL ALIGNMENT	R= 20.000; R= 276.000
LEFT HAND CHANNEL	40.754, 40.625, 40.395, 40.165, 39.935, 39.740
RIGHT HAND CHANNEL	40.854, 40.745, 40.515, 40.285, 40.055, 39.860
STORMWATER COVER LEVEL	40.884, 39.998
STORMWATER INVERT	37.550, 37.400
STORMWATER DETAILS	Pipe 4.003 Dia 375 Circular CONC 1 in 223
STORMWATER LENGTHS	37.793
FOULWATER COVER LEVEL	40.711, 39.975
FOULWATER INVERT	37.400, 37.400, 38.400
FOULWATER DETAILS	Pipe 12.001 Dia 150 Circular CLAY 1 in 18; Pipe 12.000 Dia 150 Circular CLAY 1 in 33
FOULWATER LENGTHS	10.459, 32.520



ROAD5

CHAINAGE	0.110, 1.819, 7.778, 10.000, 20.000, 30.000, 40.000, 48.255, 50.000, 51.590, 54.817, 56.874, 58.860
EXISTING GROUND LEVEL	41.228, 41.786, 42.212, 42.697, 43.090, 43.613, 43.908
ALIGNMENT LEVEL	41.343, 41.662, 42.101, 42.541, 42.980, 43.419, 43.688
VERTICAL ALIGNMENT	G= 4.394% 1: 22.8
HORIZONTAL ALIGNMENT	R= 50.000; R= 20.000
LEFT HAND CHANNEL	41.654, 41.730, 42.170, 42.609, 43.049, 43.412, 43.488, 43.558
RIGHT HAND CHANNEL	41.516, 41.593, 42.032, 42.472, 42.911, 43.274
STORMWATER COVER LEVEL	41.274
STORMWATER INVERT	38.500
STORMWATER DETAILS	Pipe 4.001 Dia 225 Circular CLAY 1 in 17
STORMWATER LENGTHS	58.989
FOULWATER COVER LEVEL	41.339, 43.731
FOULWATER INVERT	37.375, 41.800
FOULWATER DETAILS	Pipe 11.001 Dia 150 Circular CLAY 1 in 13
FOULWATER LENGTHS	55.391

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:-
$$\text{Level @ 'X'} = \text{Level @ start of the curve} + \frac{AX}{100} - \frac{(A-B)X}{200L}$$
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.
P03	13.12.2024	Issued for PLANNING RESUBMISSION	SB	GXA	RD
P02	25.10.2024	Issued for PLANNING	SH	GXA	RD
P01	20.09.2024	Preliminary Issue	LN	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 4 AND 5

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

Project	Orig.	Vol./Sys.	Lev./Loc.	Type	Role	Draw. No.	Rev.
890815	RSK	ZZ	XX	DR	C	8015	P03

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