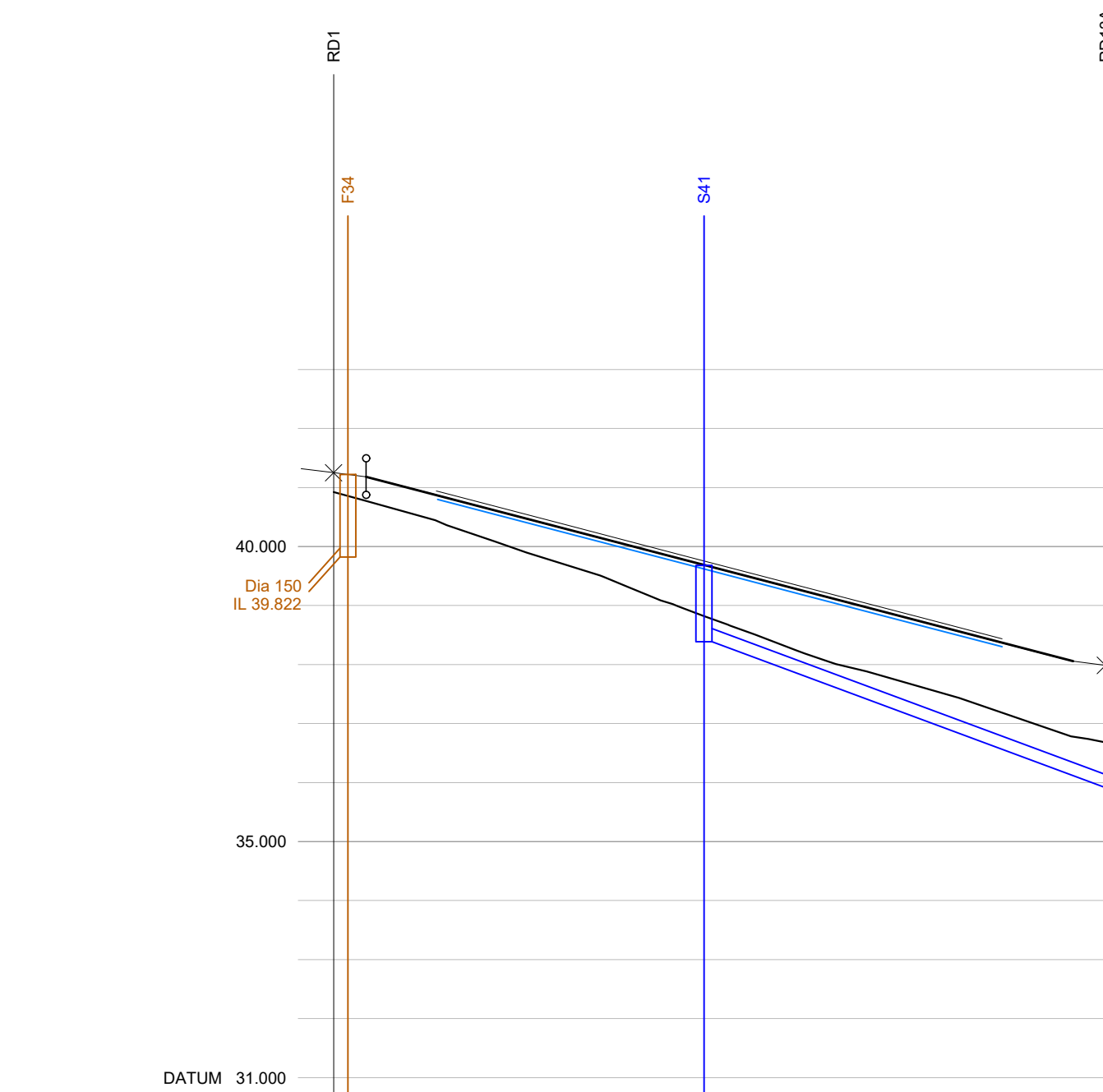
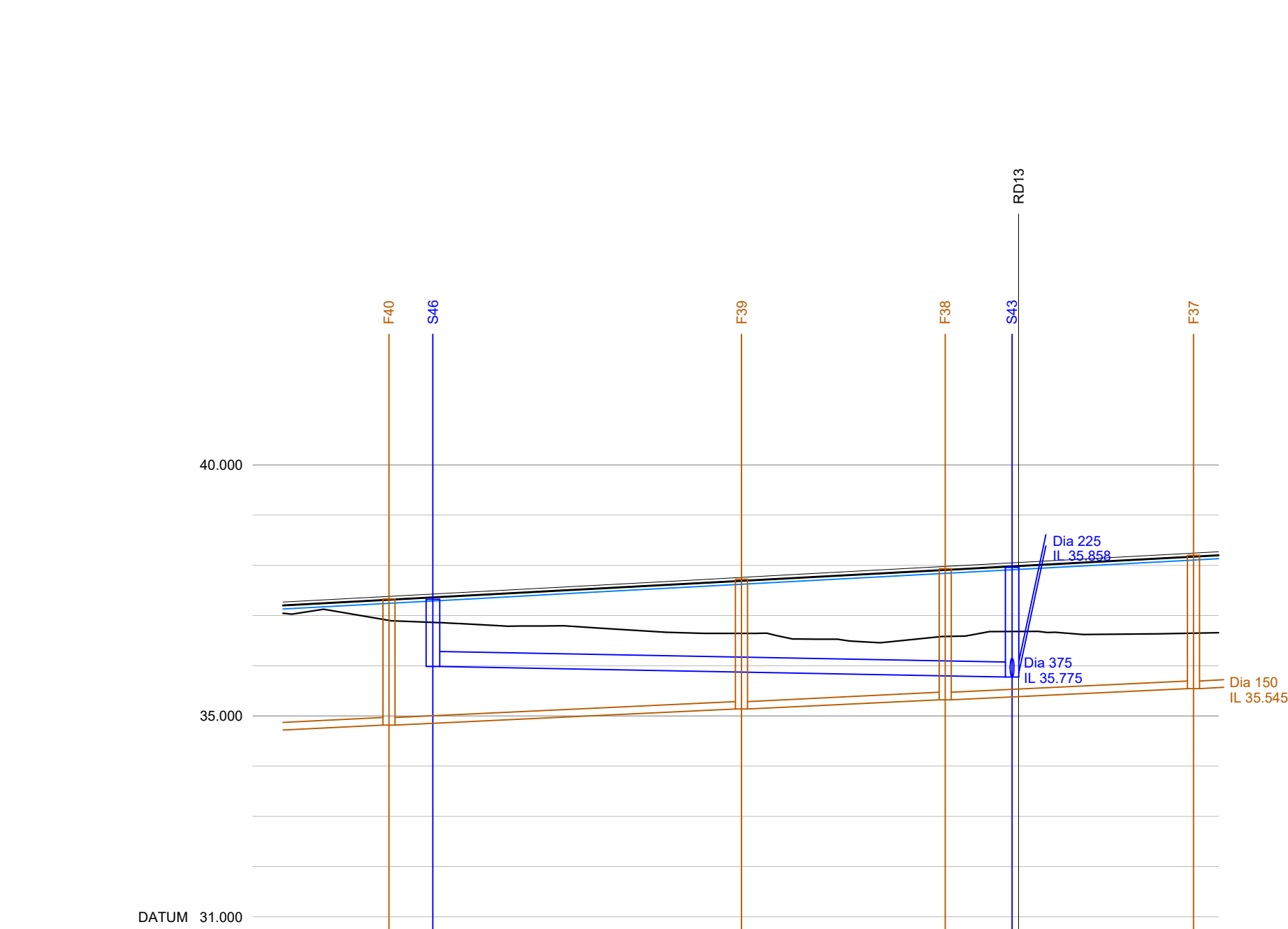




RD13												
CHAINAGE	0.000 27.500 27.500	8.703 10.000 10.000		20.000	22.837	35.000 35.000 33.882	40.000	44.116	50.000	56.830	60.000	65.380
EXISTING GROUND LEVEL	40.921		40.334	39.669		38.924	38.181		37.604		36.952	36.681
ALIGNMENT LEVEL	41.182	40.893		40.281		39.759	39.237		38.715		38.192	38.055
VERTICAL ALIGNMENT	G= -5.221% 1: -19.2											
HORIZONTAL ALIGNMENT	R= 30.000 R= 30.000											
LEFT HAND CHANNEL		40.946 40.797 40.734		40.350		39.828		39.305		38.783		38.437
RIGHT HAND CHANNEL		40.797 40.734		40.212		39.690		39.168		38.646		38.300
STORMWATER COVER LEVEL						39.860						
STORMWATER INVERT						38.386						
STORMWATER DETAILS										Pipe 8,000 Dia 225 Circular CLAY 1 in 14		
STORMWATER LENGTHS									34.630			
FOULWATER COVER LEVEL	41.222											
FOULWATER INVERT												
FOULWATER DETAILS												
FOULWATER LENGTHS												



RD13A									
CHAINAGE	0.000	10.000	14.544	20.000	25.758	30.000	37.629	38.655	44.886
EXISTING GROUND LEVEL	37.046	36.923	36.816	36.770	36.655	36.566	36.467	36.686	36.623
ALIGNMENT LEVEL	37.290	37.207	37.415	37.522	37.629	37.737	37.844	37.951	38.058
VERTICAL ALIGNMENT	G= 1.073% 1: 93.2								
HORIZONTAL ALIGNMENT	R= 100.000 R= 100.000								
LEFT HAND CHANNEL	37.269	37.376	37.483	37.591	37.698	37.805	37.913	38.020	38.127
RIGHT HAND CHANNEL	37.131	37.238	37.346	37.453	37.560	37.668	37.775	37.882	37.990
STORMWATER COVER LEVEL	37.220								
STORMWATER INVERT	35.985								
STORMWATER DETAILS	Pipe 9,000 Dia 300 Circular CLAY 1 in 274								
STORMWATER LENGTHS	57.600								
FOULWATER COVER LEVEL	37.232	37.232	37.232	37.232	37.232	37.232	37.232	37.232	37.232
FOULWATER INVERT	34.817	34.817	34.817	34.817	34.817	34.817	34.817	34.817	34.817
FOULWATER DETAILS	Pipe 4,005 Dia 150 Circular CLAY 1 in 110	Pipe 4,004 Dia 150 Circular CLAY 1 in 110	Pipe 4,003 Dia 150 Circular CLAY 1 in 110	Pipe 4,002 Dia 150 Circular CLAY 1 in 110	Pipe 4,001 Dia 150 Circular CLAY 1 in 110	Pipe 4,000 Dia 150 Circular CLAY 1 in 110	Pipe 4,000 Dia 150 Circular CLAY 1 in 110	Pipe 4,000 Dia 150 Circular CLAY 1 in 110	Pipe 4,000 Dia 150 Circular CLAY 1 in 110
FOULWATER LENGTHS	12.839	35.180	20.166	24.736	20.166	35.180	12.839	20.166	35.180

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:**
- This drawing is to be read in conjunction with all architects and engineers drawings and specifications.
 - Drawing to be printed in COLOUR.
 - All dimensions are in meters unless noted otherwise. All levels are in meters unless noted otherwise.
 - Any discrepancies noted on site are to be reported to the engineer immediately.
 - All highway works to be carried out in accordance with West Sussex County Council's design guide and specification.
 - The contractor shall check all tie-ins for line and level with existing before commencing any works. The engineer shall be noted immediately in writing, should any error be found.
 - The contractor is responsible for ensuring that all works are to the satisfaction of the engineer and shall be deemed to have included within his rates for any inspecting and necessary testing.
 - All adoptable drainage to be constructed in accordance with the Design and Construction Guidance (Water UK).
 - For guidance on types and distances of proposed trees away from adoptable sewers refer to Design and Construction Guidance Section B5.1.10 & 11 and B7.6.
 - A + 1% gradient represents a rise of 1m in 100m.
 - Left and right hand channels are on the left and right hand side respectively, when standing at zero chainage and looking along the road.
 - 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 + AX/100 - (A-B)X²/200L
 - where 'A' and 'B' are the gradients at the start and end of the curve respectively and having the algebraic signs +/ -.
 - Pipe sizes are stated in millimetres and levels are shown in metres A.O.D.
 - All pipes to have flexible joints with granular bedding (Class S) unless 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.
 - Connections to existing sewers are to be "SOFFIT TO SOFFIT" unless noted otherwise.

C04	06.07.2026	Construction Issue after planning layout changes.	YP	AM	RD
C03	21.11.2025	Issued for CONSTRUCTION.	GXA	RD	APT
T02	05.09.2025	Issued for TENDER - Long Sections updated to latest layout	GXA	RD	APT
T01	30.01.25	Issued for TENDER	YP	RD	APT
Rev.	Date	Amendment	Drawn	Chkd.	Appd.



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NEW PLACE FARM
PULBOROUGH
WEST SUSSEX

Status **CONSTRUCTION**

LONGSECTION
ROAD 13 & 13A

Drawn	Date	Checked	Date	Approved	Date
YP	20.12.24	RD	10.01.25	APT	10.01.25
Scale	1:500	Orig Size	A1	Dimensions	m
Project No.	H9376 (890815)			Drawing File	H9376_RSK_ZZ_XX-DR_CE_300031-300042_Ld Sections.dwg
Drawing No.	H9376RSK ZZ XX DR CE 300041				Rev.
Project	Orig.	Vol./Sys.	Lev./Loc	Type	Role
Project	Orig.	Vol./Sys.	Lev./Loc	Type	Role
Scale 1:500					
0 5 10 15 20 25m					