

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT	
Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-	
RISK LOE 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.	

 Due to shallow sewer infrastructure, proposed service routes to be considered to ensure there are no clashes

Notes

1. This drawing is to be read in conjunction with the standard details, the layouts, schedules and specifications for the development.
2. A 1% gradient represents a rise of 1m in 100m.
3. Left and right hand channels are on the left and right hand side respectively, when standing at zero change and looking along the road.
4. Pipe sizes are stated in millimetres and levels are shown in metres A.O.D.
5. All pipes to have flexible joints with granular bedding (Class S) unless otherwise stated. Where 150mm concrete bed and surround is specified the concrete must be broken at the joint position to the insertion of a flexible collar.
6. Connections to existing sewers are to be SFOFIT to SFOFIT Unless noted otherwise.
7. All vitrified PP pipes to be EXTRA STRENGTH to B.S. 65, 1991.
8. Existing levels to be confirmed on site prior to commencement of works.
9. All concrete pipes to be CLASS M.
10. Refer to applicable drainage notes on RSK drawing 40-01 for further information.

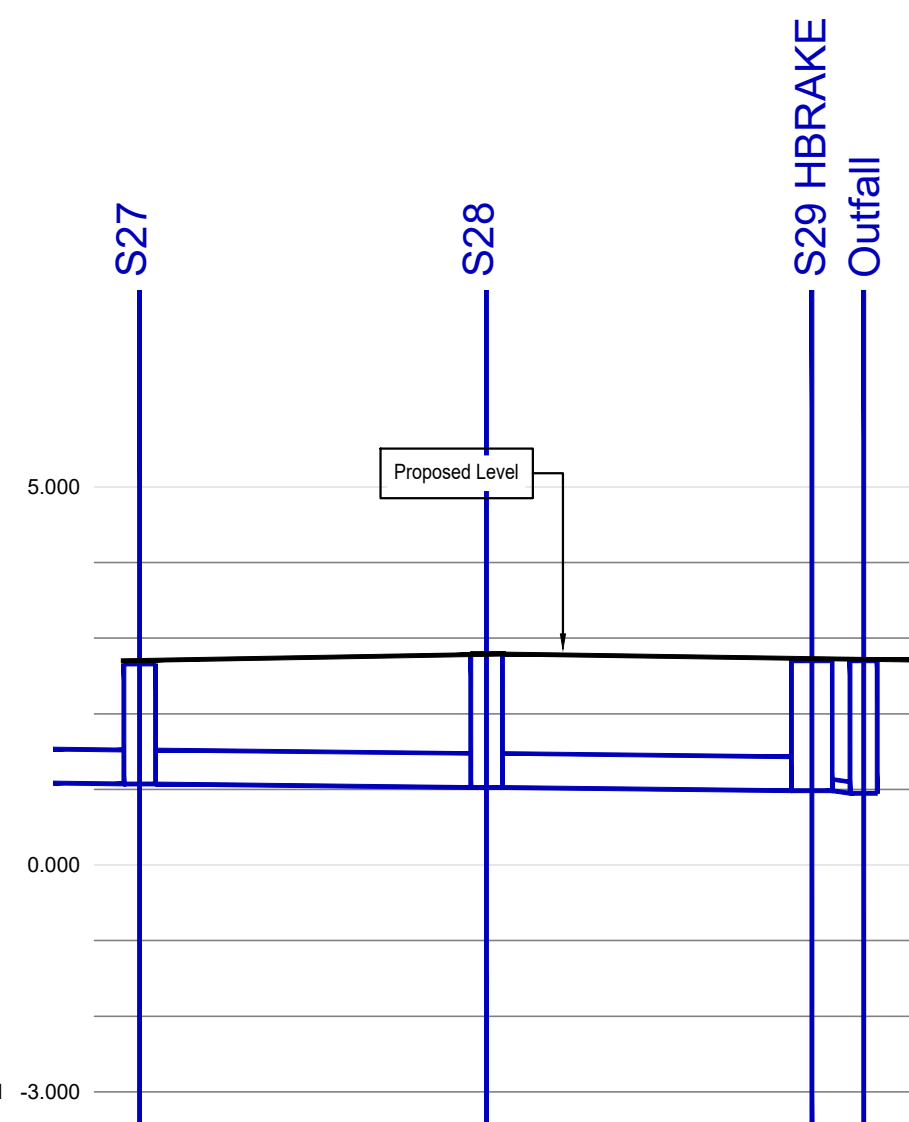
Legend

 Surface Water pipes & manholes
 Foul Water pipes & manholes

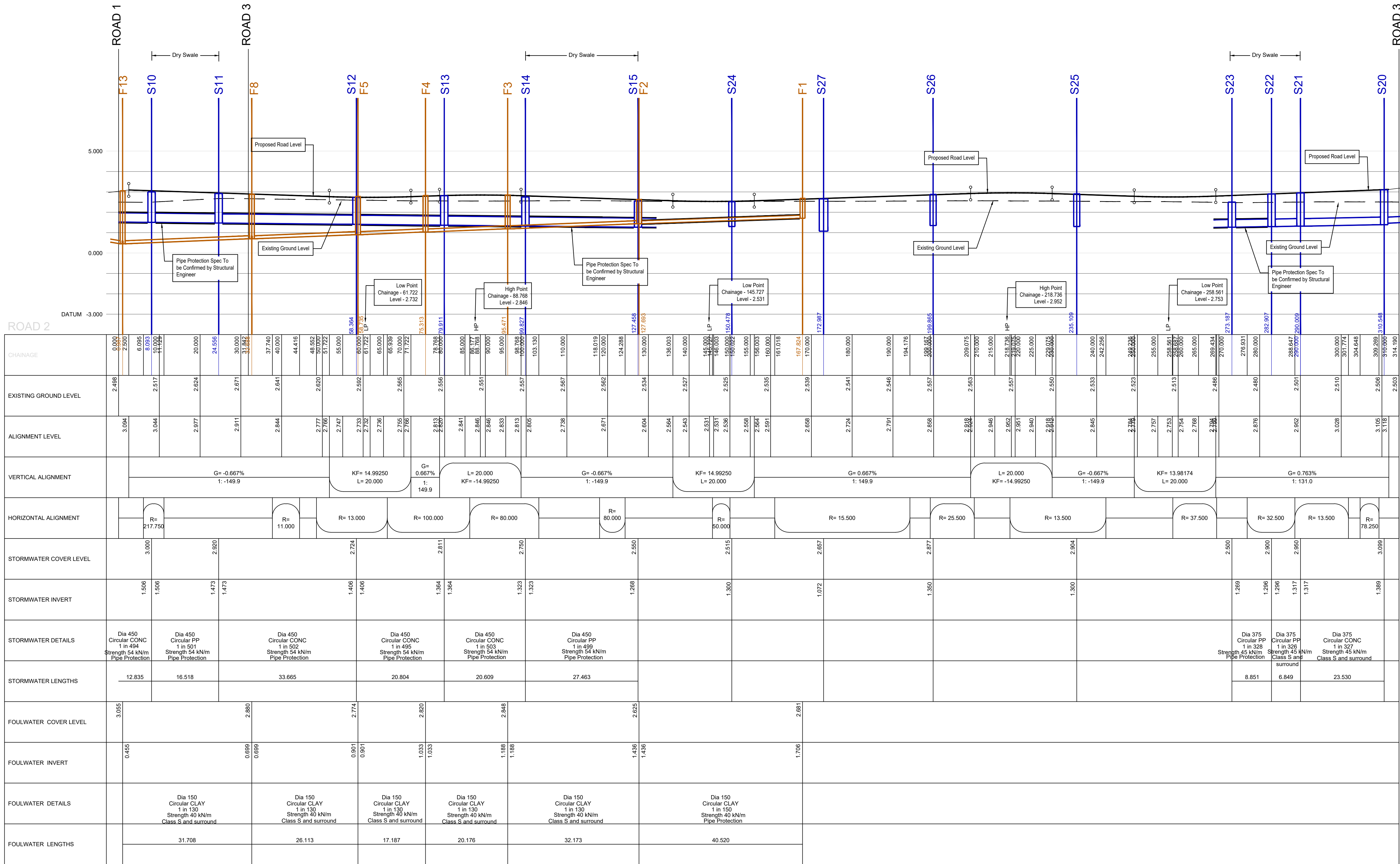
Pipe bedding details to be in accordance with Anglian Water requirements/standard details

Notes

1. The specification in all respects shall be in accordance with the Lincolnshire County Council Development Road and Sustainable Drainage Specification and Construction
2. Within the catchment of traditional drainage design, the minimum longitudinal fall for highways, without channel block shall be 1 in 150 and with channel blocks 1 in 250
3. General deterioration of the existing highway footways/verges created through construction of the new Section 38 Development will be reinstated to the Development Road and Sustainable Drainage Specification and Construction at the developer's own cost at the agreement of the inspecting Development Management Officer.
4. No private surface water shall discharge onto the adoptable highway
5. No private structural features shall overhang the adoptable highway
6. No retaining walls exceeding 1.37 meters shall be within 3.66 meters of the highway boundary.



GROUND LEVEL		2.657			
		2.657	2.850	2.700	2.700
STORMWATER COVER LEVEL					
		1.072	1.036	0.983	0.948
STORMWATER INVERT					
STORMWATER DETAILS		Dia 450 Circular CONC 1 in 500 Strength 54 kN/m Class 3 and surround	Dia 450 Circular CONC 1 in 500 Strength 54 kN/m Class 3 and surround	Dia 150 Circular CL 1 in 100 Strength 4 kN/m Class 3 and surround	
STORMWATER LENGTHS		22.946	21.512	3.430	



ROAD2
Scale: 1:500 Horizontal
1:100 Vertical



LOCATION PLANS

The details provided on this drawing are subject to comments by all the relevant approving authorities. Until such time as all comments have been received and incorporated onto the drawings, all the information provided and costings, are used at Allison Homes risk and no liability will be accepted by RSK. Scheme based on site plan L181/SITE/01.

P4	25.07.23	Drawing updated to Client comments		MS	
P3	29.06.23	Drawing updated to latest drainage design		PO	MS
P2	01.10.21	Updated to suit new layout dated 05.07.21 and to suit Lincolnshire County Council comments		LGS	MAR
P1	31.07.19	First Issue		JW	MAR
Rev.	Date	Amendment		Drawn	Checkd. Apprd.
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Client		Allison Homes			
Project Title		Moulton Chapel Spalding			
Status		DETAILED DESIGN			
Drawing Title		Road & Sewer Longitudinal Sections Sheet 2 of 2			
Drawn	Date	Checked	Date	Approved	Date
JW	Jul 19	MAR	Jul 19		
Scale	H1:500, V1:100	Orig Size	Dimensions		
		A0			
Project No. 881565			Drawing File		
Drawing No. 40-02-01					Soc. P4