



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.

Note:
Drawing to be read in conjunction with microdrainage simulations

Notes:

- The specification in all respects shall be in accordance with the Lincolnshire County Council Development Road and Sustainable Drainage Specification and Construction
- 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
- General deterioration of the existing highway/footway/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 developers' own cost at the agreement of the inspecting Development Management Officer.
- No private surface water shall discharge onto the adoptable highway
- No private structural features shall overhang the adoptable highway
- No retaining walls exceeding 1.37 meters shall be within 3.66 meters of the highway boundary.

* Plot catchment is based on 1 l/s per plot (1/0.0138)

Catchment

Pipe	Roads	Plots	Pipe	Roads	Plots
1.000	0.040	+ 0.007	5.000	0.028	+ 0.021
1.001	0.000	+ 0.021	6.000	0.016	+ 0.035
1.002	0.013	+ 0.000	7.000	0.014	+ 0.035
2.000	0.014	+ 0.014	1.012	0.000	+ 0.000
2.001	0.000	+ 0.021	1.013	0.014	+ 0.000
2.002	0.000	+ 0.042	1.014	0.000	+ 0.021
2.003	0.024	+ 0.014			
2.004	0.026	+ 0.000			
1.003	0.000	+ 0.000			
1.004	0.013	+ 0.084			
1.005	0.033	+ 0.021			
1.006	0.040	+ 0.042			
1.007	0.000	+ 0.014			
1.008	0.026	+ 0.014			
1.009	0.009	+ 0.028			
1.010	0.000	+ 0.000			
3.000	0.035	+ 0.014			
4.000	0.011	+ 0.056			
3.001	0.011	+ 0.000			
3.002	0.020	+ 0.028			
3.003	0.024	+ 0.014			
3.004	0.000	+ 0.042			
3.005	0.012	+ 0.000			
3.006	0.022	+ 0.014			

P5	25.07.23	Drawing updated to Client comments	MS		
P4	29.06.23	Updated latest drainage design	PO	MS	
P3	20.01.22	Updated to suit Lincolnshire County Council comments received 20.01.22	LGS	MAR	
P2	01.10.21	Updated to suit new layout dated 05.01.21 and to suit Lincolnshire County Council comments	LGS	MAR	
P1	31.07.19	Final Issue	JW	MAR	
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

RSK

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Client
Allison Homes

Project Title
**Moulton Chapel
Spalding**

Status
DETAILED DESIGN

Drawing Title
Impermeable Areas Plan

Drawn JW	Date JUL 19	Checked MAR	Date JUL 19	Approved Date
Scale 1:500	Orig Size A0	Dimensions		

Project No.
881565

Drawing File

Drawing No.
40-04

Rev.
P5

Scale 1:500
0 5 10 15 20 25m

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.