

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.

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 Rev I.

Prior to any construction, the contractor must confirm the precise invert level and pipe diameter of the receiving drainage system and must immediately advise RSK of any variation to that upon which the design has been based.

NOTE:- Drainage designed to contain the 2 year, 30 year and 100 year + 40% CC event.
2 year- No surcharge
30 year- No flooding, all to be contained within adoptable drainage network modeled against a surcharge outfall
1:100 Year + 40%CC - No flooding

Run off from highway to drain into proposed swales only where possible

The adoptable sewerage works are to be undertaken in accordance with the Sewerage Sector Guidance: Design & Construction Guide (DCG).

Lateral connections to be private as confirmed by client in email dated 18.01.24

! Specialist paving manufacturer to be consulted to provide specifications and depths for permeable driveways

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

! Catchpits to have cover levels determined on site to tie in to swale banks

Drainage Legend:

- Site Boundary
- Water Course
- Existing combined sewer and manhole
- Existing surface water sewer and manhole
- S104 Proposed foul water sewer and manhole (To be adopted by Anglian Water)
- S104 Proposed surface water sewer and manhole (To be adopted by Anglian Water)
- Proposed foul water lateral and connection (To be remain private)
- Proposed surface water lateral and connection (To remain private)
- S38 Proposed road gully with Ø150 connecting pipe (To be adopted by LCC)
- Public sewer easement
- Gully lateral easement
- Proposed Dry Swale
- Proposed Dry Swale Number
- Porous Paving (design by specialists)

PP = Performed Pipe

Note: The drainage works are subject to Technical Approval from Anglian Water & Lincolnshire County Council and may therefore change

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/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.
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.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P18	21.05.24	Updated to suit latest layout Rev I	PO	MS	
P17	23.04.24	Catchpit cover levels updated to suit swale design	DS	MS	
P16	18.04.24	FRL's updated following completion of external works and private drainage	DS	MS	

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Client: Allison Homes

Project Title: Moulton Chapel Spalding

Status: DETAILED DESIGN

Drawing Title: S104 Agreement Plan

Drawn	Date	Checked	Date	Approved	Date
JW	JUL 19	MAR	JUL 19		

Scale: 1:500 | Orig Size: A0 | Dimensions:

Project No.: 881565 | Drawing File:

Drawing No.: 40-18 | Rev: P18

Scale 1:500
0 5 10 15 20 25m

File Location: L:\001_JOBS LIVE WIGAN\881565 - MOULTON CHAPEL SPALDING LARGE\LETTERPHINFRASTRUCTURE\40-18 S104 AGREEMENT PLAN.DWG