

Plan Of Proposed Swales

Scale: 1:250

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.

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.

Proposed Setting Out of Swales

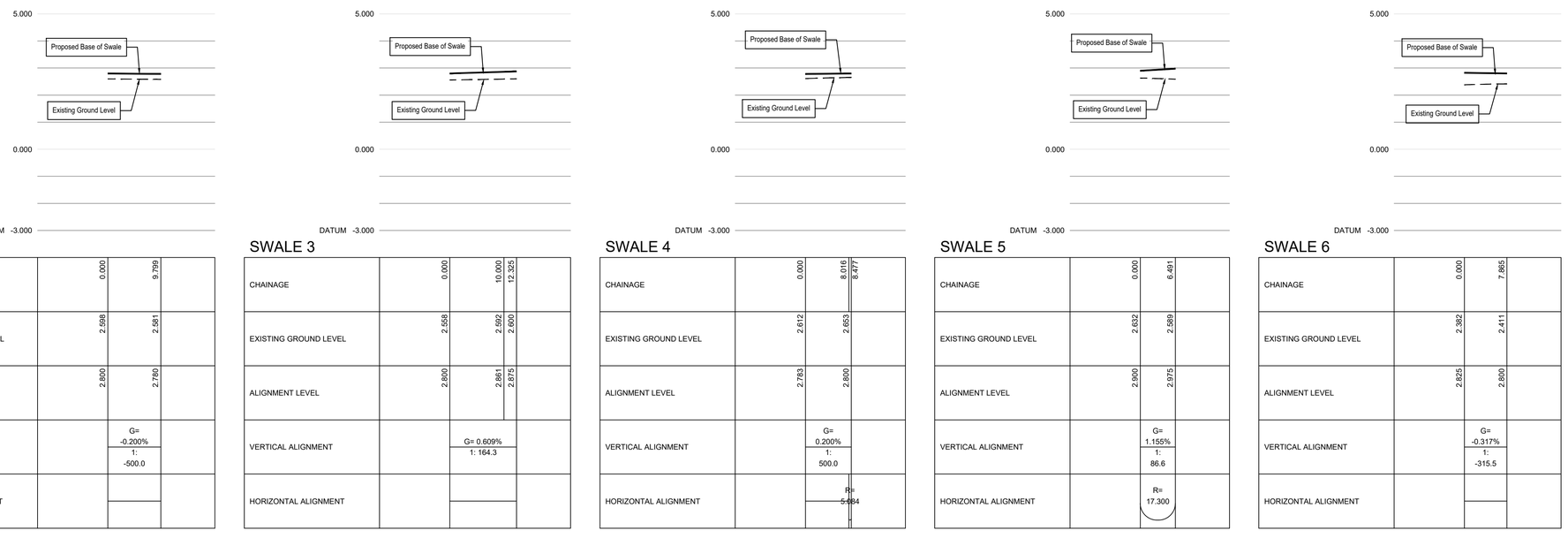
ALIGNMENT SWALE 1									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE1-1	0.000	529607.562	318429.252	2.800		14.32095			
EPSWALE1-1	9.799	529609.985	318438.746	2.780		14.32095			

ALIGNMENT SWALE 3									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE3-1	0.000	529602.133	318407.894	2.800		14.32095			
CPSWALE3-1	10.000	529604.607	318417.584	2.861					
EPSWALE3-1	12.325	529605.182	318419.836	2.875		14.32095			

ALIGNMENT SWALE 4									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE4-1	0.000	529597.948	318391.533	2.783		193.91263			
TPSWALE4-1a	8.016	529596.020	318383.752	2.799		193.91263			
IPSWALE4-1		529595.965	318383.528		5.084				
EPSWALE4-1	8.477	529595.930	318383.300	2.800		188.72025	5.19239	0.461	0.231

ALIGNMENT SWALE 5									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE5-1	0.000	529601.465	318368.275	2.900		131.72297			
IPSWALE5-1		529603.916	318366.089		17.300				
EPSWALE5-1	6.491	529606.998	318364.954	2.975		110.22628	21.49669	6.491	3.284

ALIGNMENT SWALE 6									
LOCATION	CHAINAGE	EASTING	NORTHING	LEVEL	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE6-1	0.000	529637.532	318359.831	2.825		99.14648			
EPSWALE6-1	7.865	529645.298	318358.581	2.800		99.14648			



Longitudinal Sections

Scale: 1:500 Horizontal
1:100 Vertical

Notes:

General

1. All adoptable highway works shall be in accordance with Lincolnshire County Council Development Road Specification and Construction 2018 Edition.
2. No works shall commence on site until all relevant technical approvals are in place and agreed in writing with the appropriate approval body, any works implemented prior to approval is at risk and is the responsibility of the Principal Contractor.
3. This drawing must be read in conjunction with RSK Site Kerbing and Surfacing drawing. 40-12
4. For detailed information respective to specific paving unit types, surface finishes, laying patterns, unit sizes and kerbing types, refer to Architect's drawing SL-01 Rev D

Materials

5. All concrete block pavers shall conform to BS EN 1338:2003 and shall be laid in strict accordance with the requirements of BS 7533 Part 3.
6. All concrete flag paving shall conform to BS EN1339:2003 and shall be laid in strict accordance with the requirements of BS 7533 Part 4.
7. All natural stone paving products MUST be CE marked by the manufacturer to show compliance with the British Standards and shall be laid in strict accordance with the requirements of BS 7533 Part 4.
8. In respect of cutting paving materials the Contractor's attention is drawn to the advice contained within the following document, "Cutting Precast Concrete Blocks, Flags and Kerbs - Efficient Design and Managing Risk" as published by Interpave.

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

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.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P4	25.07.23	Drawing updated to Client comments	MS		
P3	14.07.23	Updated to suit new drainage design	LGS	MAR	
P2	01.10.21	Updated to suit new drainage design	LGS	MAR	
P1	31.07.19	First Issue	JW	MAR	

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Client: Allison Homes

Project Title: Moulton Chapel
Spalding

Status: DETAILED DESIGN

Drawing Title: Proposed Swale Details
Sheet 1 of 3

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

Scale	Orig Size	Dimensions
As Shown	A1	

Project No.	Drawing File
881565	

Drawing No.	Rev.
40-17-01	P4