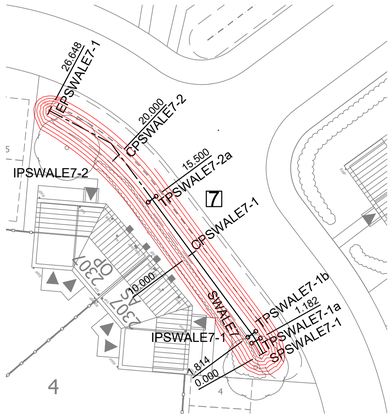
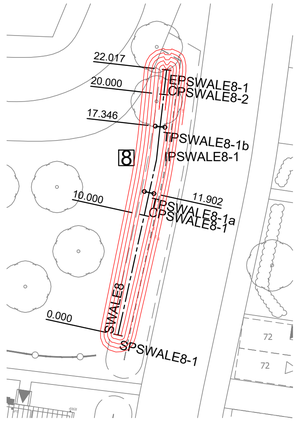
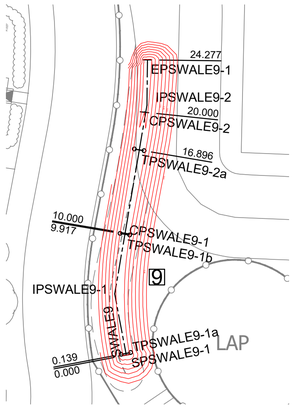
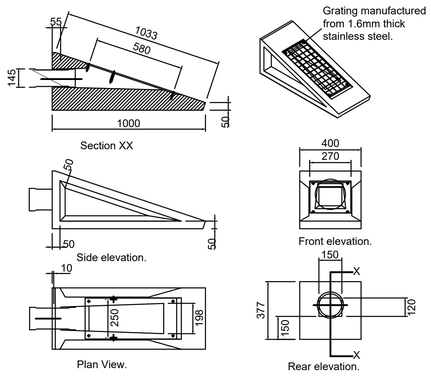






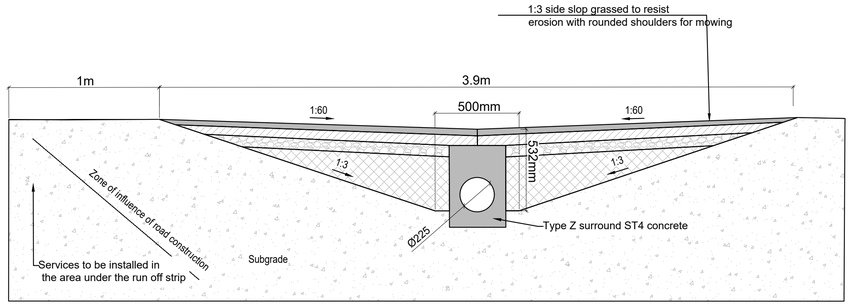
Plan Of Proposed Swales

Scale: 1:250



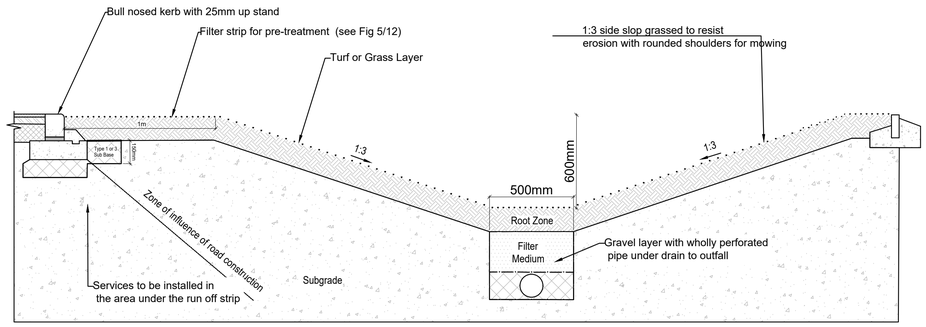
Swale headwall detail

Scale 1:20



SWALE AND SURFACE WATER FLOW
DOMESTIC VEHICLE CROSSING DETAIL

Scale 1:20



SWALE AND SURFACE WATER FLOW
CONVEYANCE DETAIL

Scale 1:20

Proposed Setting Out of Swales

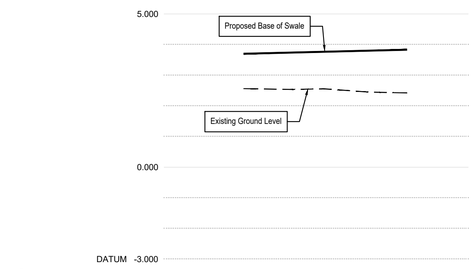
ALIGNMENT SWALE7								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE7-1	0.000	529672.131	318335.966		330.81092			
TPSWALE7-1a	1.182	529671.554	318336.998		330.81092			
IPSWALE7-1		529671.400	318337.274	5.000		7.24697	0.632	0.317
TPSWALE7-1b	1.814	529671.212	318337.529		323.56395			
CPSWALE7-1	10.000	529666.350	318344.115					
TPSWALE7-2a	15.500	529663.084	318348.540		323.56395			
IPSWALE7-2		529659.717	318353.100	25.000		25.54840	11.148	5.668
CPSWALE7-2	20.000	529660.100	318351.900					
EPSWALE7-1	26.648	529654.713	318355.762		298.01555			

ALIGNMENT SWALE8								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE8-1	0.000	529718.617	318428.571		12.37472			
CPSWALE8-1	10.000	529720.760	318438.339					
TPSWALE8-1a	11.902	529721.168	318440.196		12.37472			
IPSWALE8-1		529721.752	318442.858	52.750		5.91324	5.444	2.724
TPSWALE8-1b	17.346	529722.058	318445.565		6.46148			
CPSWALE8-2	20.000	529722.357	318448.202					
EPSWALE8-1	22.017	529722.584	318450.206		6.46148			

ALIGNMENT SWALE9								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SPSWALE9-1	0.000	529679.475	318437.367		349.30976			
TPSWALE9-1a	0.139	529679.449	318437.504		349.30976			
IPSWALE9-1		529678.532	318442.359	27.500		20.37186	9.778	4.941
TPSWALE9-1b	9.917	529679.363	318447.230		9.68162			
CPSWALE9-1	10.000	529679.377	318447.312					
TPSWALE9-2a	16.896	529680.537	318454.110		9.68162			
IPSWALE9-2		529681.159	318457.755	47.350		8.93196	7.381	3.698
CPSWALE9-2	20.000	529680.958	318457.184					
EPSWALE9-1	24.277	529681.207	318461.453		0.74966			

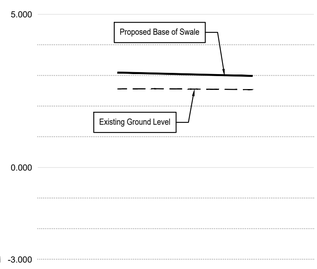
Longitudinal Sections

Scale: 1:500 Horizontal
1:100 Vertical



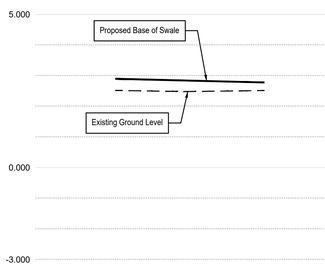
SWALE7

CHAINAGE	0.000	1.182	1.814	10.000	15.500	20.000	26.648
EXISTING GROUND LEVEL	2.563			2.544		2.456	2.423
ALIGNMENT LEVEL	3.700			3.750		3.800	3.833
VERTICAL ALIGNMENT		G= 0.500% 1: 200.0					
HORIZONTAL ALIGNMENT		R= 5.000			R= 25.000		



SWALE8

CHAINAGE	0.000	10.000	11.902	17.346	20.000	22.017
EXISTING GROUND LEVEL	2.596	2.564		2.546	2.542	
ALIGNMENT LEVEL	3.100	3.050		3.000	2.990	
VERTICAL ALIGNMENT		G= -0.500% 1: -200.0				
HORIZONTAL ALIGNMENT			R= 52.750			



SWALE9

CHAINAGE	0.000	0.139	9.917	10.000	16.896	20.000	24.277
EXISTING GROUND LEVEL	2.621		2.487		2.504		2.514
ALIGNMENT LEVEL	2.900		2.850		2.800		2.779
VERTICAL ALIGNMENT		G= -0.500% 1: -200.0					
HORIZONTAL ALIGNMENT		R= 27.500			R= 47.350		

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:

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.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P1	31.07.19	First Issue	JW	MAR	

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Web: www.rsk.co.uk

Client

Larkfleet Homes

Project Title

Moulton Chapel
Spalding

Status

DETAILED DESIGN

Drawing Title

Proposed Swale Details
Sheet 2 of 2

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.
40-17-02	P1