

Appendix A

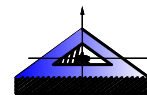
Preliminary Site Plan



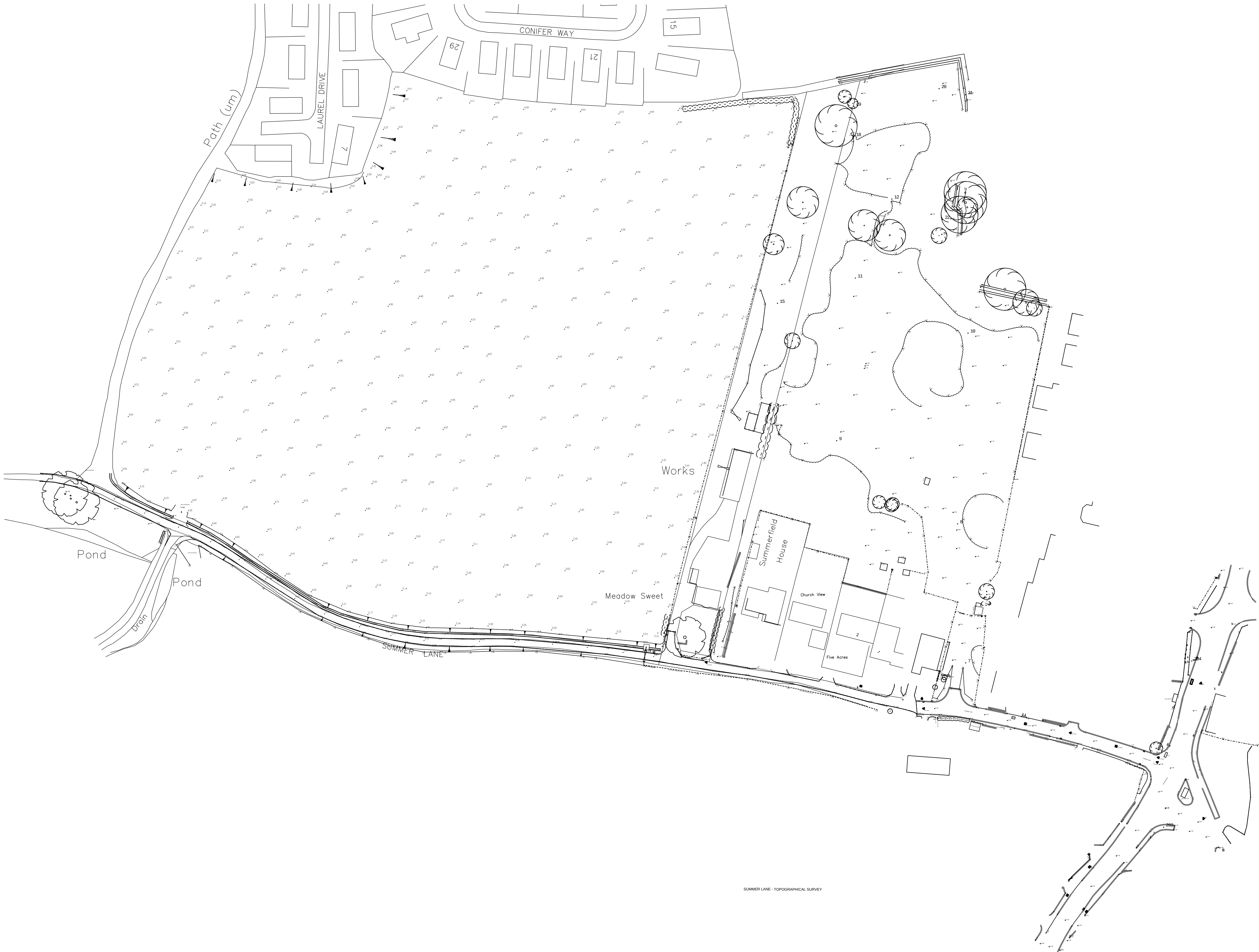
PROJECT: Land Off Summer Lane, Pagham	
DRAWING TITLE: Sketch Illustrative Layout SK09	
On behalf of: Hanbury Properties Ltd	DATE: April 2015
Produced by: Davies Landscape Architects	SCALE: 1:2000 @ A3
REPORT REFERENCE: Visiter DATA1502 Pagham Landscape Drawings Schedule	

Appendix B

Topographical Survey



1:500
Graphic Scale
1m 5m 10m 20m



SUMMER LANE - TOPOGRAPHICAL SURVEY

Address :

SUMMER LANE
PAGHAM ROAD
PAGHAM
WEST SUSSEX

Legend

CBF = Closed board fence
CH = Cell to Head height
CLF = Chain-link fence
F-C = Floor to Cell height
F-H = Fire hydrant
FV = Foul water inspection cover
G = Gully
GV = Gas valve
JB = Junction box
IC = Inspection cover
P&W = Post and wire fence
SDP = Soil down pipe
Sp = Spring height
SV = Street valve
Sw = Storm water inspection cover
TAP = Water tap
TP = Telegraph pole
UTL = Unable to lift (inspection cover)
WM = Water meter

Symbols

⊗ = Floor level
⊙ = Structural ceiling height
⊖ = Suspended ceiling height

Drainage

Drainage details including pipe sizes and run direction between chambers have been taken from surface inspection only, therefore are assumed and cannot be guaranteed.

Survey control information

Survey levels are based on OSMB height of 5.96m (NE face of The Bear Inn

Horizontal control is arbitrary only and referenced to survey station 'A' at 500m east and 1000m north and rotated to north.

A 50 metre site grid is in place

GPS/GPRS control:

N/A

This survey has been carried out at an accuracy commensurate with the scale shown on the title block of the drawing. Enlarging the drawing by digital means will not increase the accuracy of the survey. Taking dimensions from the drawing is generally not recommended and measurements for design/construction should be taken from the digital version only.

Client : Langmead Children's Farm Partnership

Date June 2014 Project: Topographical Survey

Drawing Number : 0614-HP2-T1

Drawn by : SA Checked: SA Scale: A1 A1 1:500

Appendix C

Greenfield Runoff Assessment

MJA Consulting		Page 1
58-62 Ock Street Abingdon Oxon OX14 5BZ	Land off Summer Lane Pagham	
Date 14/05/2015 16:40 File	Designed by mcshane Checked by	
Micro Drainage Source Control 2015.1		

ICP SUDS Mean Annual Flood

Input

Return Period (years)	1	Soil	0.400
Area (ha)	4.000	Urban	0.000
SAAR (mm)	700	Region Number	Region 7

Results l/s

QBAR Rural	13.6
QBAR Urban	13.6
Q1 year	11.6
Q1 year	11.6
Q30 years	30.8
Q100 years	43.4

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Appendix D

Preliminary Storm Water Attenuation

MJA Consulting						Page 1	
58-62 Ock Street Abingdon Oxon OX14 5BZ				Pagham Development Storm Attenuation			
Date 14/05/2015 17:14 File STORM ATTENUATION.SRCX				Designed by mcshane Checked by			
Micro Drainage				Source Control 2015.1			
<u>Summary of Results for 100 year Return Period (+30%)</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max E Outflow (l/s)	Max Volume (m³)	Status
15 min Summer	8.843	0.343	12.6	0.0	12.6	411.6	O K
30 min Summer	8.960	0.460	12.7	0.0	12.7	551.9	O K
60 min Summer	9.084	0.584	12.7	0.0	12.7	701.0	O K
120 min Summer	9.207	0.707	12.7	0.0	12.7	848.6	O K
180 min Summer	9.271	0.771	12.7	0.0	12.7	924.7	O K
240 min Summer	9.307	0.807	12.7	0.0	12.7	968.1	O K
360 min Summer	9.345	0.845	12.7	0.0	12.7	1014.5	O K
480 min Summer	9.362	0.862	12.7	0.0	12.7	1034.0	O K
600 min Summer	9.365	0.865	12.7	0.0	12.7	1037.5	O K
720 min Summer	9.361	0.861	12.7	0.0	12.7	1033.6	O K
960 min Summer	9.352	0.852	12.7	0.0	12.7	1021.9	O K
1440 min Summer	9.322	0.822	12.7	0.0	12.7	986.6	O K
15 min Winter	8.885	0.385	12.7	0.0	12.7	462.4	O K
30 min Winter	9.017	0.517	12.7	0.0	12.7	621.0	O K
60 min Winter	9.158	0.658	12.7	0.0	12.7	790.1	O K
120 min Winter	9.298	0.798	12.7	0.0	12.7	958.1	O K
180 min Winter	9.371	0.871	12.7	0.0	12.7	1045.4	O K
240 min Winter	9.414	0.914	12.7	0.0	12.7	1096.6	O K
360 min Winter	9.462	0.962	13.0	0.0	13.0	1154.0	O K
480 min Winter	9.485	0.985	13.2	0.0	13.2	1181.5	O K
600 min Winter	9.493	0.993	13.2	0.0	13.2	1191.3	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
15 min Summer	115.731	0.0	429.0	0.0	35		
30 min Summer	77.804	0.0	577.1	0.0	49		
60 min Summer	49.937	0.0	740.9	0.0	78		
120 min Summer	30.956	0.0	918.8	0.0	134		
180 min Summer	23.058	0.0	1026.6	0.0	192		
240 min Summer	18.577	0.0	1102.8	0.0	250		
360 min Summer	13.656	0.0	1216.1	0.0	366		
480 min Summer	10.974	0.0	1303.1	0.0	482		
600 min Summer	9.254	0.0	1373.6	0.0	600		
720 min Summer	8.046	0.0	1433.3	0.0	658		
960 min Summer	6.447	0.0	1531.3	0.0	774		
1440 min Summer	4.709	0.0	1639.4	0.0	1036		
15 min Winter	115.731	0.0	480.6	0.0	35		
30 min Winter	77.804	0.0	646.4	0.0	49		
60 min Winter	49.937	0.0	830.0	0.0	76		
120 min Winter	30.956	0.0	1029.1	0.0	132		
180 min Winter	23.058	0.0	1149.9	0.0	190		
240 min Winter	18.577	0.0	1235.3	0.0	246		
360 min Winter	13.656	0.0	1362.2	0.0	360		
480 min Winter	10.974	0.0	1459.5	0.0	472		
600 min Winter	9.254	0.0	1538.5	0.0	584		
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MJA Consulting			Page 2				
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Micro Drainage		Source Control 2015.1					
<u>Summary of Results for 100 year Return Period (+30%)</u>							
Storm Event	Max Level (m)	Max Depth (m)	Max Control (l/s)	Max Overflow (l/s)	Max Σ Outflow (l/s)	Max Volume (m³)	Status
720 min Winter	9.492	0.992	13.2	0.0	13.2	1190.2	O K
960 min Winter	9.475	0.975	13.1	0.0	13.1	1169.8	O K
1440 min Winter	9.437	0.937	12.8	0.0	12.8	1124.5	O K
Storm Event	Rain (mm/hr)	Flooded Volume (m³)	Discharge Volume (m³)	Overflow Volume (m³)	Time-Peak (mins)		
720 min Winter	8.046	0.0	1605.4	0.0	690		
960 min Winter	6.447	0.0	1702.5	0.0	876		
1440 min Winter	4.709	0.0	1779.0	0.0	1102		
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MJA CONSULTING
Civil & Structural Engineers

Monarch House • Abingdon Science Park
Barton Lane • Abingdon • Oxon • OX14 3NB
Tel: (01235) 555173 • www.mjaconsulting.co.uk