

Appendix (G)

Existing Drainage Regime

Rogers Cory Ptn Ltd		Page 1
The Old School Old School Road Hook RG27 9NJ		
Date 27/06/2019 14:01	Designed by Steven	
File	Checked by	
Micro Drainage		Source Control 2018.1.1

ICP SUDS Mean Annual Flood

Input

Return Period (years) 1 SAAR (mm) 700 Urban 0.000
Area (ha) 2.913 Soil 0.400 Region Number Region 7

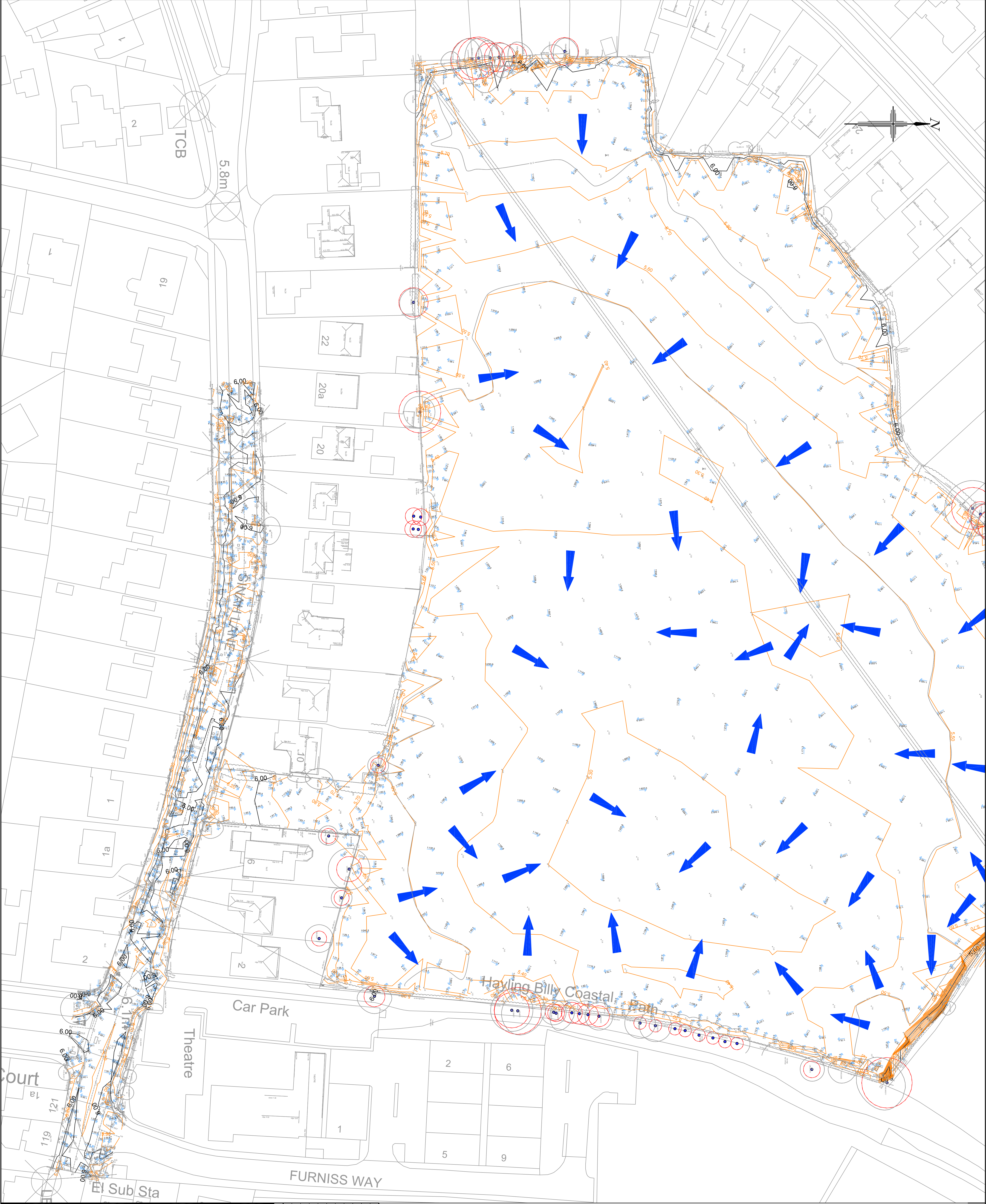
Results 1/s

QBAR Rural 9.9
QBAR Urban 9.9

Q1 year 8.4

Q1 year 8.4
Q30 years 22.5
Q100 years 31.6

Rogers Cory Partnership		Page 1																										
The Old School Old School Road Hook Hampshire RG27 9NJ																												
Date 27/06/2019 21:59 File	Designed by Steven Checked by																											
Innovyze Source Control 2018.1.1																												
<u>Greenfield Runoff Volume</u> FSR Data <table> <tr> <td>Return Period (years)</td> <td>100</td> </tr> <tr> <td>Storm Duration (mins)</td> <td>360</td> </tr> <tr> <td>Region</td> <td>England and Wales</td> </tr> <tr> <td>M5-60 (mm)</td> <td>19.000</td> </tr> <tr> <td>Ratio R</td> <td>0.350</td> </tr> <tr> <td>Areal Reduction Factor</td> <td>1.00</td> </tr> <tr> <td>Area (ha)</td> <td>2.913</td> </tr> <tr> <td>SAAR (mm)</td> <td>700</td> </tr> <tr> <td>CWI</td> <td>105.000</td> </tr> <tr> <td>Urban</td> <td>0.000</td> </tr> <tr> <td>SPR</td> <td>37.000</td> </tr> </table> Results <table> <tr> <td>Percentage Runoff (%)</td> <td>36.04</td> </tr> <tr> <td>Greenfield Runoff Volume (m³)</td> <td>661.756</td> </tr> </table>			Return Period (years)	100	Storm Duration (mins)	360	Region	England and Wales	M5-60 (mm)	19.000	Ratio R	0.350	Areal Reduction Factor	1.00	Area (ha)	2.913	SAAR (mm)	700	CWI	105.000	Urban	0.000	SPR	37.000	Percentage Runoff (%)	36.04	Greenfield Runoff Volume (m³)	661.756
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- NOTES**
1. All dimensions are in metres unless stated otherwise.
 2. Do not scale from this drawing. Only written dimensions are to be used.
 3. Site layout based on ID Partnership Proposed Site Layout, project number N81 2817, drawing number PL-02 Rev.D17 dated date 26/06/2019.
 4. Topographic Survey as per Slielme Ltd. Site Survey drawing number 36HX0101B dated May 2018.
 5. Layout review is subject to receipt of finalised layout proposal and the final highway layout design will be subject to the outcome of consultation with Hampshire County Council.
 6. Red indicates vehicle moving forward, blue indicates vehicle reversing.

KEY:

- Existing flow routes
- Existing Ground Level
- Existing Ground Fall Arrow and gradient
- Primary Ground Contour
- Secondary Ground Contour
- Root Protection Area (RPA) for Retained Trees
- Number of trees to be retained (as per tree survey number BOWS0060 Revision 1 dated 25/04/17 for Details)



Rev.	Date	Details	By	Checked	TMS	TMS
A	20/06/19	Note 2 updated in accordance with rev. D17 of IDP Site Layout, SRV	TMS	TMS		



Site:-
Sinah Lane
Hayling Island

Drawing Title:-
BASELINE
HYDROLOGY

Date:- June 2018
Drawn:- SPV
Checked:- TMS
Drawing No. BSO/E4513/024 A

Scales:- 1:500 at A1
Approved:- TMS

FOR INFORMATION ONLY

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