



**DRAINAGE LEGEND**

- PROPOSED ADOPTABLE THAMES WATER SECTION 104 SURFACE SEWER
- PROPOSED SWALE/ATTENUATION BASIN

**CATCHMENT R6**  
Development area 4.66ha  
Impermeable area @ 65% = 3.03ha

**CATCHMENT H4**  
Highway area 0.162ha

**CATCHMENT R7**  
Area 2.00ha  
Impermeable area @ 65% = 1.30ha

**CATCHMENT H5**  
Highway area 0.459ha

**ATTENUATION BASIN DETAILS CATCHMENT 1**  
BASE AREA = 9000m<sup>2</sup> WITH 1 IN 4 SIDE SLOPES  
CL = 128.30m  
IL = 126.30  
1 IN 100 YEAR + 30% CLIMATE CHANGE TWL = 127.65m  
TOTAL ATTENUATION VOLUME = 11705m<sup>3</sup>  
  
TOTAL CONTRIBUTING AREA = 20.14ha  
BASIN AREA = 1.20ha

**CATCHMENT SPORTS PITCH A**  
DEVELOPMENT AREA 1.65ha  
Impermeable area @ 65% = 0.728ha

**CATCHMENT SPORTS PITCH B**  
DEVELOPMENT AREA 1.36ha  
Impermeable area @ 65% = 0.728ha

HYDROBRAKE FLOW CONTROL  
DEVICE AT @ 38L/S

**Notes**  
1. Refer to drawings C-0201 & C-0202 for attenuation basin and swale profiles.

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**Project:**  
WYKHAM PARK FARM  
BANBURY

**Drawing Title:**  
DRAINAGE STRATEGY  
GENERAL ARRANGEMENT  
SHEET 4

**Project Number:** C-04841-C

**Client:**  
GALLAGHER ESTATES

PO4	14/01/2019	Updated swale route and depth and updated foul sewer details	MF	SM
PO3	15/03/2018	Masterplan updated to Rev Y	MF	SM
PO2	30/01/2018	Development area changed, Drainage Strategy updated to comply	MF	SM
PO1	02/08/2017	First Issue	MF	SM
Rev	Date	Description	By	Chk

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Notes:  
All dimensions are to be checked on site before the commencement of works.  
Any discrepancies are to be reported to the Architects & Engineer for verification. Signed dimensions only are to be taken from this drawing.  
This drawing is to be read in conjunction with all relevant Engineering and Services equipment drawings and specifications. This drawing is a copy.

Drawn:	Checked:	Scale @ AD:	Drawn Date:	First Issue:
MF	SM	1:1000	02/08/2017	02/08/2017
<b>Drawing Status:</b>	<b>SUITABLE FOR INFORMATION</b>			
<b>Drawing No.:</b>	<b>WPF-HYD-XX-XX-DR-C-2203</b>			
<b>Revision:</b>	<b>P04</b>			