



KEY:

- Indicative route for foul drainage
- Indicative route for surface drainage
- Easement for adoptable sewers
- Existing foul water sewer (by Countryside Properties)
- Existing surface water sewer (by Countryside Properties)

NOTES:

1. Do not scale from this drawing.
2. All dimensions in metres unless otherwise stated.
3. Drainage strategy has been based around the guidance found within WSP's site wide strategic strategy and the design code.
4. Foul drainage to connect to existing spurs constructed by Countryside Properties, as shown.
5. Surface water drainage to be attenuated on site and discharged at the agreed rates shown on WSP's drawing 1903/D/006 Rev T, which ultimately outfalls into the site's strategic basins.

**Foul Water Strategy**  
 Total units: 207  
 Peak Flow: 9.58 l/s

**Surface Water Strategy**

**Northern Catchment**

Gross Catchment Area (ha): 2.34  
 Total Contributing Area (ha): 1.761  
 Impermeability Ratio: 75%  
 Surface water to be attenuated on parcel  
 Discharge Rate from parcel to northern strategic network (l/s):

7.5	(2yr)
13.8	(10yr)
19.2	(30yr)
35.2	(100yr)

**Southern Catchment**

Gross Catchment Area (ha): 2.73  
 Total Contributing Area (ha): 2.05  
 Impermeability Ratio: 75%  
 Surface water to be attenuated on parcel  
 Discharge Rate from parcel to southern strategic network (l/s):

8.7	(2yr)
16.0	(10yr)
22.4	(30yr)
41.0	(100yr)

0	04.07.17	Drainage strategy updated to suit revised planning layout.	GSN
A	28.04.17	Drainage strategy updated to suit revised planning layout.	ES
Rev	Date	Details	By
Drainage Authority Approval Date: _____			
Highway Authority Approval Date: _____			
Do not scale from this drawing. Use metric dimensions only. Where shown relationships between levels are approximate. Verify the levels of all levels by reference to appropriate authorities to be retained to design and engineering function. The above is the intended design and engineering function.			

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SITE: Bicester KME Kingsmere	
DRAWING TITLE: Drainage Strategy	
DRAWN BY: GSN	DATE: 02.12.16
SCALE: NTS	CHECKED/DATE: BKME/05/100 B