



- KEY:**
- Application Boundary
 - 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)

CHERWELL DISTRICT COUNCIL

Plan No. 16/0242/REM

Amended/additional plans received 2.5.17 with Applicants/A

Letter dated 25.4.17

A		28.04.17		Drainage strategy updated to suit revised planning layout.	CR
Rev	Date	Details			By
Drainage Authority Approval Date					
Highway Authority Approval Date					
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SITE: Bicester KME Kingsmere					
DRAWING TITLE: Drainage Strategy					
DRAWN BY	GW	DATE	03.11.16	DRAWING NO.	BKME/05/100
SCALE:	1:500 @ A0	CHECKED/DATE		REV	A