



Surface Water Strategy	
Gross Site Area (ha):	2.86
Total Contributing Area (ha):	2.03
Impermeability Ratio:	75%
Surface water to be attenuated on parcel during and up to the 10yr rainfall event. Discharge via infiltration only up to the 10yr event.	
Max Discharge Rate from parcel to strategic network (l/s):	
	0 (1yr)
	0 (10yr)
	23.9 (30yr)
	33.7 (100yr)

Development Foul Flow Rationale	
Total units:	113
Peak Flow:	5.23 l/s

- NOTES:**
- Do not scale from this drawing.
  - All dimensions in metres unless otherwise stated.
  - Finished floor levels have been based on the boundary constraints, and WSP spine road setting out levels. Highway levels are subject to change following completion of the detailed design.
  - Finished Floor Levels are subject to change ( $\pm 450\text{mm}$ ) following completion of the detailed design.
  - Drainage strategy has been based around the guidance found within WSP's site wide strategic strategy and the design code. Foul drainage to connect as shown. Surface water drainage to be attenuated using porous paving as follows:
    - Up to 1 in 10 year event - Attenuated within parcel.
    - Beyond 1 in 10 year event - system discharges into the wider site sewer network at agreed rates within WSP strategy document, ultimately outfalling into the site's strategic basins.

- KEY:**
- Application Boundary
  - Land Use: Residential
  - Porous paving or similar approved attenuation method
  - Indicative route for foul drainage
  - Indicative route for surface water link pipes
  - Indicative conveyance route for surface water within porous paving
  - Easement for adoptable sewers

Rev	Date	Details	By
E	11.03.2014	Latest masterplan added.	SD
D	29.08.2014	Drainage updated following comments.	RM
C	24.07.2014	Drainage updated following comments.	RM
B	20.05.2014	New masterplan layout added.	RM
A	17.06.2014	Adoptable extents amended on turning head.	RM

Drainage Authority Approval Date  
 Highway Authority Approval Date

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.  
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DRAWING TITLE: **ILLUSTRATIVE FOUL AND SURFACE WATER DRAINAGE STRATEGY**

DRAWN BY	DATE	DRAWING NO.	REV
SD	04.06.14	10109-DR-010	E
SCALE:	CHECKED/DATE		
1:500 @ A1	RM		

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