



NOTES:

1. Do not scale from this drawing.
2. All dimensions in metres unless otherwise stated.
3. 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.
4. Finished Floor Levels are subject to change (± 450mm) following completion of the detailed design.
5. 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:
 - 5.1. Up to 1 in 10 year event – Attenuated within parcel.
 - 5.2. 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

Surface Water Strategy

Total Contributing Area (ha): 1.58
 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)
 23.9 (10yr)
 33.7 (30yr)
 33.7 (100yr)

Total Storage Volume (m³): TBCm³

Development Foul Flow Rationale

Total units: 113
 Peak Flow: 5.23 l/s

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

Rev	Date	Details	By

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

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