



Surface Water Drainage:

- The proposed development will embrace the SuDS philosophy of sustainable drainage and utilise infiltration methods as the means of surface water disposal. Surface water run off from roofs will discharge to domestic trench soakaways. No soakaways to be sited within 5.0 metres of buildings or within root protection zones. All surface water drainage will pass through a silt trap before discharging into soakaways. Sizing of soakaways will be dependant on testing undertaken in accordance BRE365 during winter months or as agreed with the local drainage engineer. Soakaway depths will be dependant on winter groundwater monitoring results.
- Drives, parking areas and access roads will be constructed in permeable paving and designed in accordance with shallow infiltration test results undertaken in accordance with BRE365.
- All infiltration measures will be designed in accordance with Environmental Agency guidelines with an allowance for climate change.

Legend:

- Existing public foul sewer
- Proposed foul water drainage connection
Subject to S106 Agreement with Southern Water
- TYPE 3 - 450mm Ø with D400 cover
- Indicative domestic surface water drain.
- ST 450mm Ø Silt Trap
- TYPE 3 - 450mm Ø with A15B125/D400 cover
- ACO drain installed on adopted highway boundary intercepting any surface water run-off from site, discharge to access road sub-base.
- Indicative location of proposed domestic trench soakaways.
Sizing and viability to be determined by in-situ infiltration testing.
Soakaways to be designed in accordance with Environment Agency criteria for 100 year storm event with 40% increase for climate change.
Soakaways to be sited a minimum of 5.0m from new dwellings.
- Permeable access way
- Permeable paved drives & parking
- Adopted entrance to be re-constructed in accordance with WSCC specifications and subject to S278 Agreement

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