

DRAINAGE COMMENTS 12/06

1. Mapping references and flood risk summary table has been added to the report.
2. Soakaway tests were left to drain over a 24-hour period and showed no signs of draining to the 25% depth, therefore it is not possible to calculate a soil infiltration rate, which is standard practice for soakaway testing. The proposed attenuation sub-base will also be wrapped in geotextile, so any available infiltration will still be utilised.
3. Please refer to the calculations enclosed with in the drainage strategy report, which include the greenfield equivalent (target) rate calculation and details the proposed design criteria. Corresponding areas are indicated on the drainage strategy drawing. A summary table of this has been added to the report.
4. Flood risk mapping shows no ditch flooding and the ditch originates approximately 150m to the north and is dry in normal conditions. Proposed strategy is to discharge below greenfield equivalent, so capacity and downstream network are not impacted.
5. Please refer to the exceedance routes indicated on the drainage strategy layout drawing. FFL's have been added to the layout.
6. Long term or wet season monitoring is not available, however test pits dug this April (end of a very wet winter season) revealed no groundwater to a depth of 2m.
7. Detailed maintenance added to report.