

Additional information

Drainage strategy - (REP-JDS-FRDS-RM-001-REV-B)

Chapter 6 of the report describes the approach to the drainage strategy as detailed below:

6.2.1. ...Shown in the previous revision and the addendum submitted, a 300mm diameter public surface water sewer located on Pilsworth road was identified as a point of connection for surface water to discharge to from site. This was the option that was chosen and constructed during the phase 1 works. A discharge rate from the site was proposed at 25.0 l/s and received the required agreements.

As this development is being carried out in two phases the flow rate from phase 2 is restricted to 9 l/s before flowing in to Phase 1 to which that is then limited to 25.0 l/s when connecting to the public sewer. Therefore, the drainage strategy for Phase 2 of the project must provide enough attenuation to allow this reduced discharge rate.

In order to arrive at the restricted flows noted above, the calculation for the existing (pre-development) site runoff were calculated as follows. These were submitted to UU as part of the S106 application and the drawings attached formed part of the application at that time.