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## **PLANNING CONDITION 34 (DRAINAGE)**

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*Prior to commencement of the development, other than site clearance and preparation, relocation of services, utilities and public infrastructure and demolition, details of a sustainable urban drainage system shall be submitted to and approved in writing by the local planning authority. Such system shall be based on a 1:100 year event with 30% provision for climate change. The system shall be implemented as part of the development and thereafter retained and maintained.*

Reference should be made to the following Rolton Group drawings for each site:-

12-0083 INF 10 – Bacton Low Rise (BLR) Site  
12-0083 INF 11 – District Housing Office (DHO) Site

Due to the staged approach to the works, only drawing number 12-0083 INF 11, revision C8, is attached to this summary to partially discharge planning condition 34.

### **SURFACE WATER DESIGN**

The surface water drainage strategy is identified in Rolton Group Flood Risk Assessment ref: 12-0083 XRP003 Revision A dated November 2012.

The DHO site has been designed using Micro Drainage for a 1:100 year event with a 30% provision for climate change. A storage area of 83m<sup>2</sup> is to be provided, at a lower level than the previous designs, to deal with designed surface water run-off. The discharge off site utilises an existing connection into Vicars Road adjacent to the railway boundary. The restricted discharge into this system is through a Hydrobrake chamber provided close to the connection into Vicars Road limiting discharge to 33.3 l/s.

### **FOUL WATER DESIGN**

The foul drainage has been kept separate from the surface water drainage in accordance with building regulations and best practice. This is connected to the storm drainage, prior to final connection into the existing off site combined system.