

### **C12 Piling Method Statement**

Any piling or other deep foundation construction methods must be undertaken in accordance with the terms of the approved Piling Risk Assessment and Piling Method Statement dated **XXX**, unless details (which shall include consultation with Affinity Water) are submitted to an approved in writing by the Local Planning Authority.

Reason: The proposed works will be in close proximity to underground sewerage utility infrastructure and the source protection zone of one or more of Affinity Water's groundwater abstractions for Public Water Supply (PWS). Piling has the potential to impact on local underground sewerage utility infrastructure in addition to contaminant transport to the Chalk aquifer (including manganese), turbidity in the Chalk aquifer and potentially at the PWS abstractions, and on ground permeability, which may affect groundwater levels and flows. This condition is necessary to protect underground infrastructure and water supply in accordance with Policies CP1 and CP8 of the Core Strategy (adopted October 2011) and Policy DM8 of the Development Management Policies LDD (adopted July 2013).

### **C19 Decommission of investigative boreholes**

A scheme for managing any borehole installed for the investigation of soils, groundwater or geotechnical purposes shall be submitted to and approved in writing by the Local Planning Authority. The scheme shall provide details of how redundant boreholes are to be decommissioned and how any boreholes that need to be retained, post-development, for monitoring purposes will be secured, protected and inspected and details of the consultation undertaken with Affinity Water. The scheme as approved shall be implemented prior to the occupation of any part of the permitted development.

Reason: To ensure that redundant boreholes are safe and secure, and do not cause groundwater pollution or loss of water supplies in accordance with Policies CP1 and CP8 of the Core Strategy (adopted October 2011) and Policy DM8 of the Development Management Policies LDD (adopted July 2013).

### **C31 Dewatering method statement**

No dewatering shall take place until a Dewatering Method Statement (detailing the dewatering method and predicted impact on groundwater flow and details of the consultation undertaken with Affinity Water) has been submitted to and approved in writing with the Local Authority. Any

dewatering must be undertaken in accordance with the terms of the approved dewatering method statement.

Reason: The proposed work will be within the source protection zone of one or more of Affinity Water's groundwater abstractions for Public Water Supply (PWS) and within 500 m of the Marsh Lake within Maple Lodge Nature Reserve. This condition is necessary to protect water supply and the environment in accordance with Policies CP1 and CP8 of the Core Strategy (adopted October 2011) and Policy DM6 and DM8 of the Development Management Policies LDD (adopted July 2013).