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SURFACE WATER DRAINAGE STRATEGY

RELATING TO

PROPOSE RESIDENTIAL DEVELOPMENT

OFF

COWBIT ROAD

SPALDING

LINCOLNSHIRE

Mr J Andrew
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Ref: 26617 **October 2017**

INTRODUCTION

It is proposed to construct a small residential development off Cowbit Road, Spalding, consisting of twenty six plots off an adoptable road.

There are no Anglian Water surface water sewers in this area, consequently surface water from the carriage way will be directed via infiltration trenches, detention ponds and an overflow system into the nearby open dykes in the vicinity of the site.

Discussion

In accordance with planning legislation we need to implement where possible a Sustainable Drainage System.

Consequently, and in order to take advantage of the topography of the site, that falls away from Cowbit Road, it is proposed to introduce Infiltration Trenches, in accordance with Lincolnshire County Council specifications – March 2017 Edition.

Surface water will flow into a detention pond that incorporates a large soakaway, with any excess /overflow water being piped to the dyke.

It is accepted that Lincolnshire County Council do not accept soakaways in this area. However the Internal Drainage Boards do prefer these to be installed, to slow down rainfall discharge into their system.

Consequently, the piped system will be designed assuming no soakaways.

Please refer to drawings No.d 26617/01A and 02A attached to my email which show the layout and proposal details.

For and on behalf of **SIDEBOTTOM RICHARDSON CHENG LTD**

J A RICHARDSON I Eng AMIStructE **OCTOBER 2017**