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DRAINAGE STRATEGY

RELATING TO

PROPOSED RESIDENTIAL DEVELOPMENT

at

DRAPERS PLACE

SPALDING

LINCOLNSHIRE

Taylor Pearson Construction Ltd
Martin Dales
Woodhall Spa
LINCOLN
LN10 6XZ

DRAINAGE STRATEGY

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SPALDING

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Ref: 29716 **Date: September 2017**

INTRODUCTION

The proposed development consists of a high density, four storey residential building, constructed upon an existing Car Park and old dilapidated historic brick structures. Please refer to attached site layout drawing no.d 29716/02.

The site topography slopes towards the South, towards the narrow footpath along the Southern boundary.

DISCUSSION

Typical of town centre sites within the South Lincolnshire area, the main streets have a historic drainage network consisting of both foul, combined and surface water systems.

It is proposed to connect both foul and surface water to the foul system and eventually a combined system adopted by Anglian Water Authority. Please refer to attached drainage network showing Anglian Water Authority assets in the vicinity of the site.

FOUL WATER DRAINAGE

All domestic foul water will have its own dedicated system that is connected to Anglian Water Authority manhole – reference 7509.

SURFACE WATER DRAINAGE

It is intended to provide a separate on site surface water system and to discharge into the same Anglian Water Authority manhole 7509.

All surface water that falls onto roofs and impermeable areas will be captured separately to the foul drainage and be retained on site by on line storage, prior to discharge at the agreed rate of five litres per second.

Please refer to our proposed drainage layout drawing no.d 29716/05, together with Anglian Water Authority e-mail of the 26th October, 2016, confirming the acceptance of the above mentioned proposal.

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The requirements to consider SUD's drainage approval was considered, however due to the high density development, there is clearly insufficient available land for this approach.

Consequently it was considered not practical or reasonable to introduce a SUD's system on this small site.

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

p-p. **J.A.R. RICHARDSON I Eng.AMIStructE** **6th September 2017**