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| PRELIMINARY |          |      |      |
|-------------|----------|------|------|
| Status      |          |      |      |
| No.         | Revision | Date | Drwn |
|             |          |      |      |

Drainage Strategy

NPPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

Surface Water:

A flow restriction of 2.3l/s is proposed to allow a 75mm diameter flow control to be provided to prevent blockages.

The proposed impermeable area is 2,000m<sup>2</sup> i. Based on a flow restriction of 2.3l/s and modeling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100year plus 45% climate change is **145.3m<sup>3</sup>**.

Using a SW hydrobrake for the proposed impermeable area of 2,000m<sup>2</sup> to be provided via attenuation crates measuring 20 x 10 x 0.8m depth

Foul Water

Foul Water to connect into the existing foul sewer.

Maintenance

The site is to remain private and the owners of the site will be responsible for the maintenance and management of the sewers, please see Maintenance Schedule for list of actions to be undertaken.

Key

- Proposed Surface Water Drainage
- Proposed Foul Water Drainage
- Existing Watercourse / Private Sewer



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PROJECT Washway Road, Holbeach

DRAWING TITLE Drainage Strategy

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