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

**Drainage Strategy**

**Surface Water:**

A flow restriction of 1l/s is proposed Greenfield run off.

The proposed impermeable area is 4350m<sup>2</sup> including 10 % Urban Creep. Based on a flow restriction of 1l/s and modeling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100year plus 50% climate change is 140.2m<sup>3</sup>.




Using a SW orifice plate the attenuation for the proposed impermeable area of 1535m<sup>2</sup> to be provided via attenuation tank.

Surface water from the proposed new site will connect into the existing SW private 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 / YW Sewer



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CLIENT: ML Planning Ltd

PROJECT: Randholme Laund Farm, Whitewell

DRAWING TITLE: Drainage Strategy

|            |    |             |                 |          |         |       |       |
|------------|----|-------------|-----------------|----------|---------|-------|-------|
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