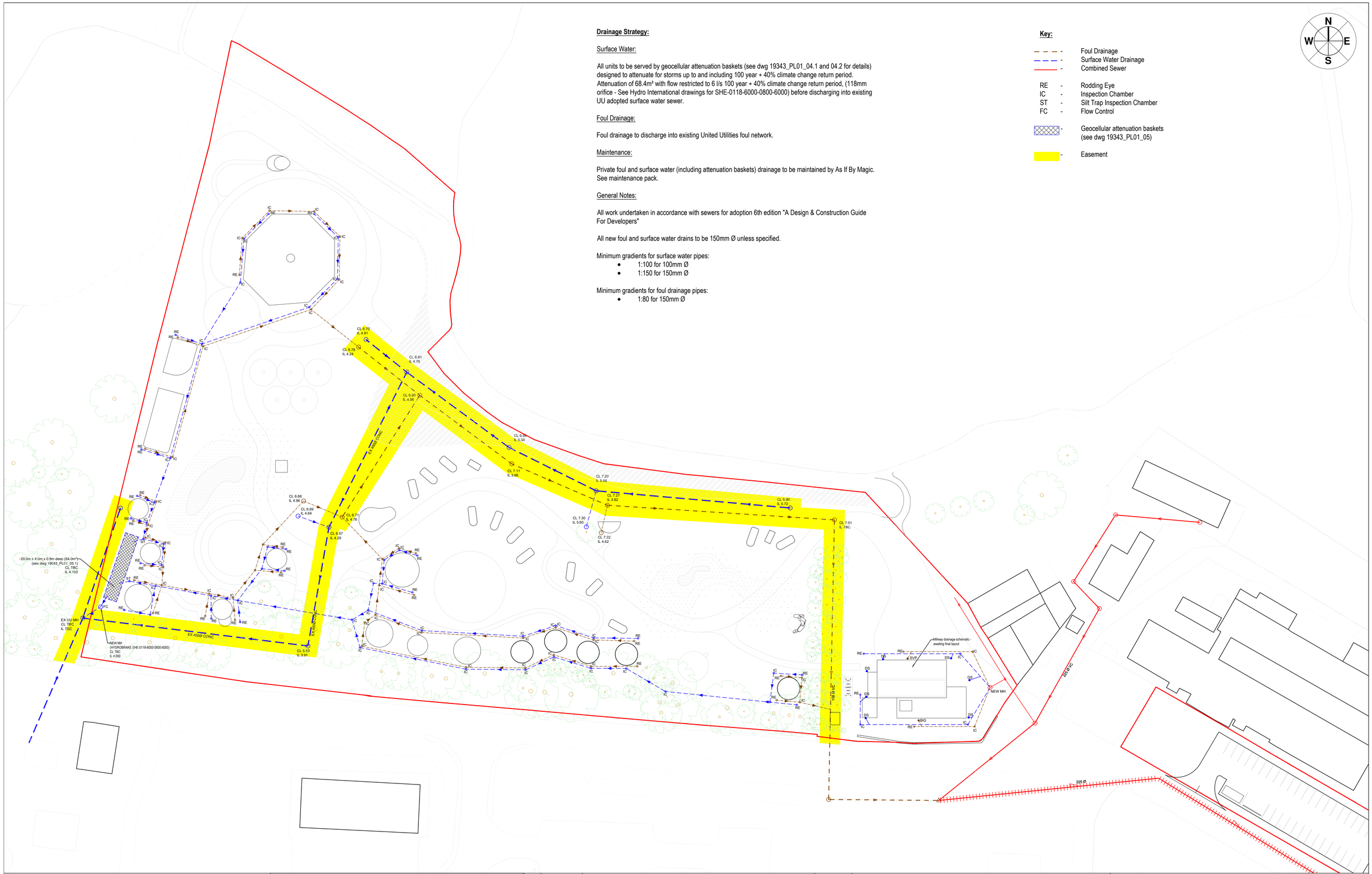

Drainage Strategy:

Surface Water:

All units to be served by geocellular attenuation baskets (see dwg 19343_PL01_04.1 and 04.2 for details) designed to attenuate for storms up to and including 100 year + 40% climate change return period. Attenuation of 68.4m³ with flow restricted to 6 l/s 100 year + 40% climate change return period, (118mm orifice - See Hydro International drawings for SHE-0118-6000-0800-6000) before discharging into existing UU adopted surface water sewer.

Foul Drainage:

Foul drainage to discharge into existing United Utilities foul network.

Maintenance:

Private foul and surface water (including attenuation baskets) drainage to be maintained by As If By Magic. See maintenance pack.

General Notes:

All work undertaken in accordance with sewers for adoption 6th edition "A Design & Construction Guide For Developers"

All new foul and surface water drains to be 150mm Ø unless specified.

Minimum gradients for surface water pipes:

- 1:100 for 100mm Ø
- 1:150 for 150mm Ø

Minimum gradients for foul drainage pipes:

- 1:80 for 150mm Ø

Key:

- Foul Drainage
- Surface Water Drainage
- Combined Sewer

RE - Rodding Eye
IC - Inspection Chamber
ST - Silt Trap Inspection Chamber
FC - Flow Control

- Geocellular attenuation baskets (see dwg 19343_PL01_05)

- Easement

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NOTES

Rev.	Date.	Notes.	Init.
A	26-03-20	Amended Layout	RB

Client: As If By Magic,
Project: Drainage Design for Proposed Development @ Old Ironworks Site, Devonshire Road, Millom.

Notes.
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Drawing Title.
PROPOSED DRAINAGE LAYOUT

Status.
PLANNING

Date.	Drawn.	Scale.
25/01/2020	RB	1:500 - A1

Drawing No. 19343_PL01_02
Revision. A