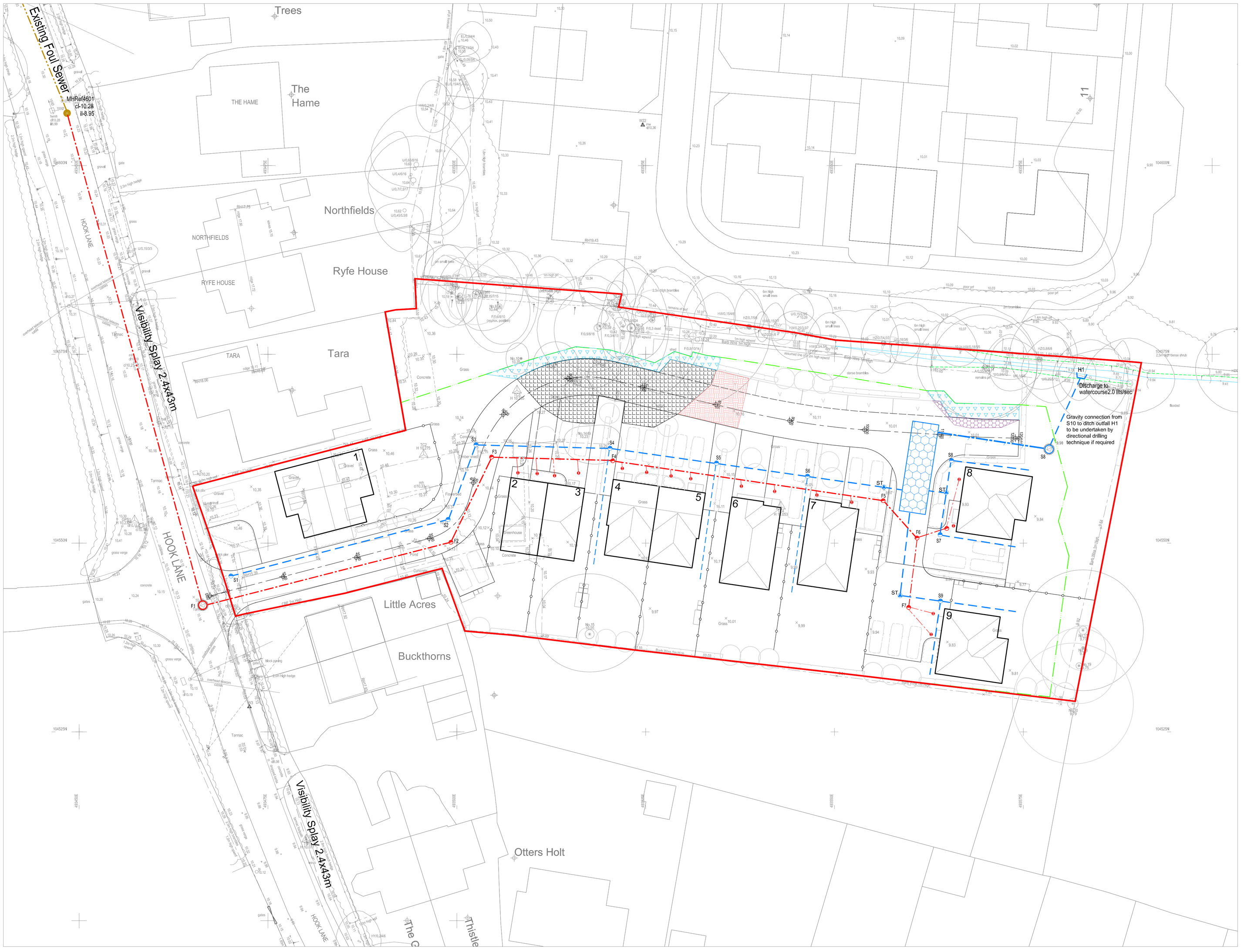


0m 10m 20m 30m

Scale 1:250m

Surface Water Drainage Strategy:

1. The proposed development will embrace the SuDS philosophy of sustainable drainage. Winter groundwater monitoring and infiltration testing has been undertaken and shows that soakaways as a means of surface water disposal for domestic roof water drainage is not a feasible option. In line with the SuDS hierachy it is proposed that domestic surface water will discharge to the adjacent watercourse at the 2.0lits/sec 'greenfield' run off rate agreed with the local drainage authority. Surface water discharged from the site will be attenuated for the 100 year storm event with an allowance for climate change as directed by the Environment Agency. Due to site levels it will be necessary to discharge the surface water to the outfall through a pumped system. Drives and parking areas would be constructed in permeable paving.

Foul Water Drainage Strategy:

2. Foul water discharge from the proposed site will be to the public foul sewer in Hook Lane, 68 metres north of the site entrance. It is anticipated that the discharge will be through a gravity connection into MH Ref 4601 which will be subject to a Section 106 Agreement with Southern Water.

Legend:

- Existing foul water sewer
- Surface water rising main
- Domestic foul water drainage
- (5.80) Domestic surface water drain.
- S10 Type 2 manhole
- F1 Type 3 manhole
- Type 4 manhole
- ST Type 5 manhole silt trap
- H1 Headwall discharge to watercourse
- Aquacell surface water storage tank sized in accordance with EA criteria for 100 year storm +40% allowance for climate. Built in pumping system discharging at 2.0 litis/sec
- Ground protection zone- Operation zone during construction
- Tree protection zone - Tying in of No-dig Geocellular hard surface to Main hard surface
- Tree protection zone - No dig Geo-cellular hard surface constriction
- Tree protection zone - Manual excavation
- Tree protective barrier
- Site boundary

Rev.	Date	Details	Initials
B	01.06.20	Revised for new layout, foul drainage added	KN
A	12.09.19	First issue	KN

Drawing Status
PRELIMINARY FOR PLANNING

Project
HOOK LANE
ALDINGBOROUGH

Client
DOMUSEA DEVELOPMENTS

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Drawing Title
Engineering Details
Drainage Strategy

Drawn	Checked	Scales	Paper Size	Date
KN		1:250	A1	09.19
Job No.		Drawing No.		Revision
KNC1932		602-01		B

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BASINGSTOKE AND DEANE BOROUGH COUNCIL