



- NOTES
- Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect or Engineer before proceeding. © This drawing is copyright.
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 - Until technical approval has been obtained from the relevant authorities, all drawings are issued as preliminary and not for construction. Should the Contractor commence site work prior to approval being given it is entirely at their own risk.
 - Woods Hardwick cannot accept liability for any discrepancies in terms of coordinates or any other information deciphered from dwgs.
 - The exact location and level of all existing sewers, drains and services to be confirmed on site prior to the commencement of any works.
 - All adoptable drainage to comply with Sewers for Adoption 6th Edition.

SAFETY, HEALTH AND ENVIRONMENTAL

In addition to the hazards, risks normally associated with the type of work detailed on this drawing, note the following significant risks and information.

Construction:

- Proximity of works to buried services unconfirmed - detailed underground survey required.

For information relating to end use, maintenance, demolition, see the health and safety file.

It is assumed that all works will be carried out by a competent Contractor, where appropriate, to an approved method statement.

KEY

- Site Boundary
- Proposed adoptable surface water sewer
- Proposed adoptable foul water sewer
- Proposed adoptable rising main
- Proposed headwall
- Proposed surface water sewer
- Proposed cellular storage
- Swale
- Embankment
- F.FL. XX.XXX Finished floor level
- F.FL. XX.XXX Finished floor level (Minimum 0.3m above existing ground level)

Assumptions & design principles

Finished floor levels

Finish floor levels set above existing ground at a height based on South Holland District Council flood map "Residential peak depth district - Year Z115 1% Fluvial / 0.5% Tidal Event Probability" (2017).

Surface water drainage

- Surface water drainage to be adopted by Anglian Water under Section 104 Agreement.
- Surface water drainage systems designed to accommodate 100 year + 30% climate change storm events.
- Surface water strategy is in accordance with the FRA produced by Waterco Consultants, April 2017.
- Surface Water will drain via gravity to southern part of the site and outfall into a flow control chamber via an offline attenuation basin. Surface Water Sewer will be at a restricted rate of 7.0 l/s.
- Attenuation to be provided by above and below ground features.

Foul water drainage

- Foul water drainage to be adopted by Anglian Water under a Section 104 Agreement.
- Foul water drainage is to drain via gravity to a pumping station located at the southern part of the site. It is to be pumped to an existing foul water manhole to the southwest of the site.
- All proposed foul drainage levels are indicative until the location, size & level of the existing Anglian Water sewer have been confirmed.

D	Foul water connection note re-located	CG	MDF	04/08/2020
C	Revised to suit flood map overlay.	CG	WD	31/07/2020
B	Finish Floor Levels added to Environment Agency requirements	CG	MDF	28/07/2020

A	Surface water drainage updated, highway swales and detail added	WD	MDF	01/07/2020
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REV	DESCRIPTION	DRN	CHD	DATE
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☒ PRELIMINARY	☐ INFORMATION	☐ TENDER
☐ CONSTRUCTION	☐ AS BUILT	

SCALE	1:500 @ A0	DATE	FEBRUARY 2020
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DRAWN	MR	CHK	MDF
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DRAWING NO.	18706-LEBC-5-SK002	REV	D
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TITLE	HOME FARM, DEEPING ST. NICHOLAS, LINCOLNSHIRE
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DETAILS	PRELIMINARY DRAINAGE STRATEGY
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