











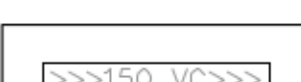



Proposed Anglian Water Adoptions Key

 <p>MHS-06 (1.755m)</p>	Proposed Anglian Water surface water manhole, with invert.
 <p>MHF-06 (1.755m)</p>	Proposed Anglian Water foul water manhole, with invert.
	Proposed Lincolnshire County Council highway water manhole chamber.
 <p>MHF-06 (1.755m)</p>	Proposed Anglian Water foul water inspection chamber - demarcation, with invert.
 <p>MHS-06 (1.755m)</p>	Proposed Anglian Water surface water inspection chamber - demarcation, with invert.
	Proposed Anglian Water foul water sewer with pipe size and gradient.
	Proposed Anglian Water surface water sewer with pipe size and gradient.
	Proposed Lincolnshire County Council highway water pipeline.
	AW Easement
 <p>F01 CL 4.670m IL 0.490m</p>	Proposed Anglian Water foul water diverted pipeline as part of the section 185 agreement.
 <p>BD (2,000)</p>	Proposed Anglian Water foul water backstop as part of the section 185 agreement.
	Proposed Anglian Water foul water diverted pipeline as part of the section 185 agreement.
	Existing Anglian Water foul water sewer.
	Anglian Water foul water sewer to be decommissioned as part of the section 185 works.

Do not scale directly from this drawing. All discrepancies are to be brought to the attention of the below office.

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The General Contractor is to check all dimensions on site and report discrepancies to the designer.

Notes:

1. All drawings to be read in conjunction with Structural Engineers Drawings.
2. All levels are drawn in meters unless noted otherwise.
3. Drainage design in accordance with Sewers for Adoption 6th edition.
4. Road design in accordance with Lincolnshire County Council – Development Road and Sustainable Drainage Specification and Code of Practice and any special requirements of approving highway officer.
5. Estate road materials to be in accordance with Lincolnshire County Council specifications.
6. All manholes located in the adoptable highways to have a minimum cover grades of D400, be 150mm thick and to me marked FW and SW to denote foul water and surface water, respectively.
7. It is proposed that all laterals from plots are to be adopted.
8. First inspection point level must be confirmed prior to commencement of construction.
9. All proprietary items to be installed in strict accordance with the manufacturers instructions and recommendations.
10. All works to be carried out in accordance with the current British Standards, Codes for practice and Building Regulations.
11. Manholes and coverings are agreed to be the centre of manholes.
12. Gutterwork to be installed to allow minimum benching (fourteen degrees) and offsets from kerb.
13. Generally the first inspection chamber located in the private areas is a demarcation chamber for the A/NW adoptable lateral. Cover grades to be:
 - D400 – adoptable areas and the main access way,
 - D240 – shared parking areas
 - D125 – private domestic car parking (single dwelling)
14. A/S – soft landscaped and non-vehicle areas
15. All drawings need to be reported back to the engineer immediately, any discrepancies must be reported back to the engineer immediately.
16. Any sewer pipes with less than 1.2m of cover to the top of pipe in the private areas shall be replaced with 1.2m under adopted vehicular crossovers are to receive a concrete cover slab. Where there is very little cover, the pipe is to be ductile iron - refer to longcours for material type. Concrete cover to be confirmed on site.
17. All manholes, inspection chambers and outlets of pipes to be at least 0.5m and 1.0m respectively, above the surface. Sewers might need to be offset in the manholes to achieve - to be confirmed on site.
18. All details are to be read in conjunction with Anglian Water's standard adoptable drainage details - available from Anglian Water upon request.
19. Contractor to ensure that all items are sufficiently protected during construction.
20. Connections into the box culvert are to be set at 200mm above the invert of the box culvert. This is to ensure that the incoming pipe junction is below/below the internal chamber of the box culvert. See details below.
21. Cover levels are approximate only, and should be adjusted to suit the final road levels.

#	18.12.2019	S11	Headwall references updated.
#	17.12.2019	S11	Drawing updated to reflect Anglian Water comments.
#	18.11.2019	S11	Drawing generally updated.
#	28.10.2019	S11	Drawing generally updated.
#	11.10.2019	S11	Drawing updated to reflect Highway comments.
#	18.09.2019	S11	Proposed foul sewer to the entrance revised to accommodate the Section 185 works. A.W comments addressed, key updated.
A	19.08.2019	S11	Initial Issue
REVISION	DATE	DRAWN	DESCRIPTION



CLIENT	Seagate Homes Ltd
PROJECT	Residential development off Station Road, Surfleet

DRAWING Anglian Water Section 104 Layout,
Sheet 2 of 2

DRAWN S11	PROJECT DESIGNER JMG	PROJECT DIRECTOR KB
DATE Aug' 19	SCALE 1:200	PAPER SIZE A1

DRAWING NUMBER 428.RS.111