



## Proposed Anglian Water Adoptions Key

MHS-06 (1.755m)	Proposed Anglian Water surface water manhole, with invert.
MHF-06 (1.755m)	Proposed Anglian Water foul water manhole, with invert.
	Proposed Lincolnshire County Council highway water manhole chamber.
MHF-06 (1.755m)	Proposed Anglian Water foul water inspection chamber - demarcation, with invert.
MHS-06 (1.755m)	Proposed Anglian Water surface water inspection chamber - demarcation, with invert.
150 @ 1:150	Proposed Anglian Water foul water sewer with pipe size and gradient.
150 @ 1:150	Proposed Anglian Water surface water sewer with pipe size and gradient.
	Proposed Lincolnshire County Council highway water pipeline.
	AW Easement

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.

The details and information shown hereon relating to existing underground drains, main services, cables, etc., and existing structural details, are as obtained by normal survey observation method. Although all reasonable effort has been made, no guarantee can be made or given for the completeness or accuracy of this information.

### Notes:

- All drawings to be read in conjunction with Structural Engineers Drawings.
- All plans are drawn in meters unless noted otherwise.
- Drainage design in accordance with Sewers for Adoption 6th edition.
- Road design in accordance with 'Lincolnshire County Council - Development Road and Sustainable Drainage Specification and Construction', and any specific requirements of the approving Highway officer.
- Estate road materials to be in accordance with Lincolnshire County Council specifications.
- All manholes located in the adoptable highways to have a minimum cover grades of D400, be 150mm thick and to be marked FW and SW to denote foul water and surface water, respectively.
- It is proposed that all laterals from plots are to be adopted.
- Final connection point levels and locations need to be confirmed prior to commencement of construction.
- All proprietary items to be installed in strict accordance with the manufacturers instructions and recommendations.
- All works to be carried out in accordance with the current British Standards, Codes for practice and Building Regulations.
- Manholes and coordinates are given to the centre of manholes. Groundworker to ensure offsets allow minimum benching requirements and offsets from kerbs.
- Generally the first inspection chamber located in the private areas is a demarcation chamber for the AW adoptable lateral. Cover grades to be:
  - D400 - adoptable areas and the main access way.
  - C250 - shared parking areas.
  - B125 - private domestic car parking (single dwelling)
  - A15 - soft landscaped and non-vehicle areas
- All drawings need to be read in conjunction with each other, any discrepancies must be reported back to the engineer immediately.
- Any sewer pipes with less than 1.2m of cover to the top of pipe in the adopted carriageway, less than 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 longform for material type. Concrete cover to be confirmed on site.
- Outside of manhole construction and outside of pipelines to be at least 0.5m and 1.0m respectively, from the kerbface. Sewers might need to be offset in the manholes to achieve - to be confirmed on site.
- All details are to be read in conjunction with Anglian Water's standard adoptable drainage details - available from Anglian Water upon request.
- Contractor to ensure that all items are sufficiently protected during construction.
- 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/above the internal chamber of the box culvert. See manhole schedule.
- Cover levels are approximate only, and should be adjusted to suit the final road levels.

G	18/12/2019	S11	Headwall references updated.
F	17/12/2019	S11	Drawing updated to reflect Anglian Water comments.
E	18/11/2019	S11	Drawing generally updated.
D	18/10/2019	S11	Drawing generally updated.
C	11/10/2019	S11	Drawing updated to reflect Highway comments.
B	18/09/2019	S11	Drawing updated to reflect AW's comments, 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 1 of 2
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DRAWN	PROJECT DESIGNER	PROJECT DIRECTOR
S11	JMG	KB
DATE	SCALE	PAPER SIZE
Aug' 19	1:200	A1

DRAWING NUMBER	428.R5.110
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