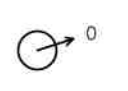
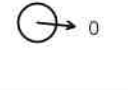
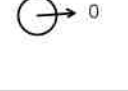
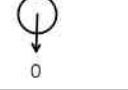
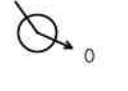
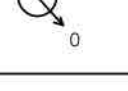


Node ID	Easting (m)	Northing (m)	CL (m)	Depth (m)	Dia (mm)	Width (mm)	Node Type	MH Type	Connections	Link ID	IL (m)	Dia (mm)	Link Type
S1.1	539512.813	325038.777	4.025	1.115	1200		Manhole	PPIC	 0	1.000	2.910	150	Circular
S1.2	539514.568	325042.658	3.950	1.050	450		Manhole	PPIC	 0	2.000	2.900	150	Circular
S1	539520.863	325041.348	3.845	1.545	1500		Manhole	Modified Type B	 0 1 1.000 2.825 150 2 2.000 2.825 150	1.001	2.300	675	Circular
SJ0.1	539526.495	325043.098	3.925	1.055	450		Manhole	PPIC	 0	3.000	2.870	150	Circular
S2	539524.300	325052.520	3.900	1.618	1500		Manhole	Modified Type B	 0 1 1.002 2.282 675 0 1.003 2.282 675	1.003	2.282	675	Circular
S3.1	539517.545	325059.155	4.000	1.140	450		Manhole	PPIC	 0	4.000	2.860	150	Circular
S3	539523.203	325062.512	4.025	1.758	1500		Manhole	Modified Type B	 0 1 1.003 2.267 675 2 4.000 2.792 150 0 1.004 2.267 675	1.004	2.267	675	Circular
S4.1	539500.060	325087.184	4.400	1.500	450		Manhole	PPIC	 0	5.000	2.900	150	Circular
S4	539498.774	325082.986	4.025	1.740	1500		Manhole	Modified Type B	 0 1 5.000 2.810 150 0 5.001 2.285 675	5.001	2.285	675	Circular
SJ1.1	539508.193	325072.528	4.360	1.460	450		Manhole	PPIC	 0	6.000	2.900	150	Circular
SJ2.1	539526.058	325072.500	3.800	0.900	450		Manhole	PPIC	 0	7.000	2.900	150	Circular
SJ1.2	539512.838	325081.917	4.375	1.525	450		Manhole	PPIC	 0	8.000	2.850	150	Circular
S5	539518.693	325074.365	4.100	1.852	1800		Manhole	Modified Type B	 0 1 1.004 2.248 675 2 5.002 2.248 675 0 1.005 2.248 675	1.005	2.248	675	Circular
S6	539535.753	325089.732	3.525	1.315	1800		Manhole	Hydrobrake	 0 1 1.007 2.214 675 0 1.008 2.214 150	1.008	2.214	150	Circular
Headwall	539537.907	325094.655	3.200	1.023	1650	1350	Manhole	Headwall	 1	1.008	2.160	150	Circular

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 me 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 longsections 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 chamfer of the box culvert. See manhole schedule.
 - Cover levels are approximate only, and should be adjusted to suit the final road levels.
 - All PPIC's deeper than 1.2m are to be fitted with non-accessible covers.
 - All junction nodes are approximate only and are to be confirmed using the final main pipe invert/solfit and location.

G26.06.2022S11Minor amendments to demarcation locations.

F30.04.2020S11Manhole schedule generally updated.

E22.04.2020S11S4 and S4.1 details updated.

D15.04.2020S11S4 details updated.

C12.03.2020S11Demarcation chamber moved, Manhole types updated.

B09.03.2020S11Drawing generally updated, Client name changed.

A12.12.2019S11Initial issue

REVISION

DATE

DRAWN

DESCRIPTION



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CLIENT

Belmont Contractors

PROJECT

Residential Development off Old Main Road,
Fleet Hargate

DRAWING

Anglian Water - Section 104
Manhole Schedule - Surface

DRAWN
S11

PROJECT DESIGNER
LAR

PROJECT DIRECTOR
KB

DATE
Nov '2019

SCALE
NTS

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Working in partnership with Ralph Charman Associates & Ewen Consultants

INFRASTRUCTURE