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Manhole Schedule (Foul Water Drain)

Manhole Reference	Easting & Northing	Cover Level	Connects	Inverts		Pipe Dia.	Manhole Size	Manhole Type	Cover Type
Extg. FW08		Extg. 3.410		1 2 0	2.130 2.080 2.080	100 150 150	1200ø	E	
F01	Easting: 535863.363 Northing: 324343.258	3.450		1 2 3 0	2.184 2.134 2.184 2.134	100 150 100 150	675x 1240	C (AWS)	D400
F02	Easting: 535865.334 Northing: 324329.235	3.450		1 2 3 0	2.278 2.278 2.228 2.228	100 100 150 150	675x 1240	C (AWS)	D400
F03	Easting: 535827.766 Northing: 324323.955	3.380		1 2 3 0	2.481 2.531 2.531 2.481	150 100 100 150	675x 1240	C (AWS)	D400
F04	Easting: 535829.265 Northing: 324313.288	3.355		1 2 0	2.603 2.603 2.553	100 100 150	675x 1240	C (AWS)	D400

Manhole Schedule (Surface Water Drain)

Manhole Reference	Easting & Northing	Cover Level	Connects	Inverts		Pipe Dia.	Manhole Size	Manhole Type	Cover Type
Extg. SW02		Extg. 3.426 Amended 3.300		1 2 3 0	1.210 1.210 1.360 1.210	450 450 300 600	1500ø	B	
S02	Easting: 535830.328 Northing: 324322.160	3.415		1 2 3 4 0	1.507 1.582 1.582 1.632 1.432	225 150 150 100 300	1500ø	B (AWS)	D400
S03	Easting: 535867.557 Northing: 324327.393	3.440		1 2 0	1.933 1.933 1.808	100 100 225	675x 1240	C (AWS)	D400

PLEASE NOTE ALL CONNECT DIAGRAMS SHOWN FACING NORTH

PLEASE REFER TO ANGLIAN WATER DRAWING DS/SFA/001 REV. C FOR CHAMBER CONSTRUCTION DETAILS

"The specification in all respects shall be in accordance with the current Lincolnshire Development Road and Sustainable Drainage Design Guide" and "Development Road and Sustainable Drainage Specification and Construction" publications in force in the county at the time of construction.

The minimum longitudinal fall for highways, without channel blocks shall be 1 in 150, and with channel blocks 1 in 250 (see Clause 10.1).

In addition, ensure that the first section of any side road falls away from the road to which it is connecting. If general topography requires it to rise, this change of direction should take place after the first set of gullies. This is to ensure a 'false channel' with associated drainage problems is not created in the bellmouth of junctions.

'General deterioration of the existing highway/footway/verges created through construction of the new Section 38 Development will be reinstated to the current Development Road Specification at the developers' own cost at the agreement of the inspecting Highway and Flood Authority Officer".

'No Private surface water shall discharge onto the adoptable highway".

"No private, structural features shall overhang the adoptable highway".

"No private retaining walls exceeding 1.37m shall be within 3.66m of the highway boundary".

CDM (Construction Design and Management Regulations 2007):

1. If you do not fully understand the risks involved during the construction of the items indicatd on this drawing ask your manager, health & safety advisor or a member of the design team before proceeding.
2. Existing services may exist on-site. The contractor shall liaise with all relevant service companies and arrange for all services to be located, marked and protected.
3. Drainage works may involve deep excavations and/or heavy plant/materials.
4. The contractor shall read and understand the Ground Investigation Report and be aware of and potential variations in soil conditions over the site.
5. The potential for danger to the general public and site personnel exists from works in the public highway. The contractor shall liaise with the highway authority (Lincolnshire County Council) and ensure safe method of working is maintained at all times.
6. Existing drainage pipes may be asbestos cement or fibre reinforced pipes, or concrete pipes containing asbestos fibre. Contractor to ensure competent staff adequately trained are engaged in the works, and disposal of any affected material is undertaken in line with current legislation and good practice guidelines.
7. The contractor is to be aware that overhead cables may cross the site.
8. The contractor is to be aware that works may involve working adjacent to or in existing watercourses.
9. Works may involve working in close proximity to an existing water main. The contractor is to ensure that this is fully located and protected during the works.

Rev	Date	Remarks
C	27.10.17	Details Updated To Suit Amended New-Existing Surface Water Connection Arrangement. Type D Chambers Amended To Type C.
B	09.08.17	S02 & S03 Manhole Details Amended.
A	19.07.17	Drawing Updated To LCC Comments Dated 05/07

Status: FOR INFORMATION

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Project: Residential Development to Land Off Station Street, Holbeach, Lincs. For D Brown Builders

Title: Section 104 Proposed Manhole Schedules

Date	May '17	Scale	- @A2
Drawn	MP	Checked	SRC
Design	SRC	File Name	24415-18

DRG No. 24415/18 Rev C

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