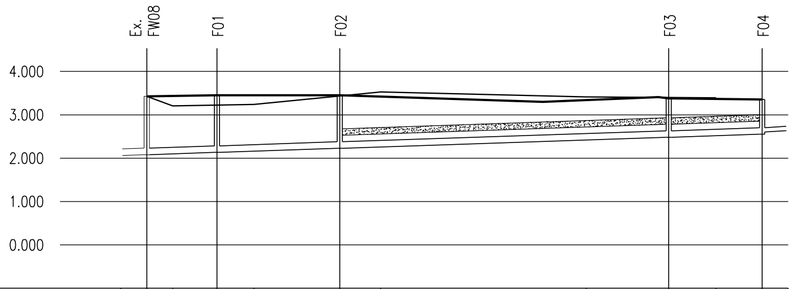
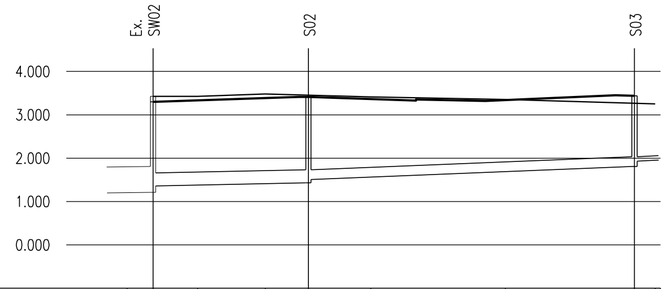
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EXISTING GROUND LEVEL	3.410	3.205	3.240	3.527	3.413	3.393			
PROPOSED ROAD LEVEL			3.450	3.300	3.410 / 3.380	3.355			
FOUL DRAIN COVER LEVEL	3.410	3.450	3.450	3.380		3.355			
FOUL DRAIN INVERT LEVEL	2.080	2.080	2.134	2.134	2.228	2.228	2.481	2.481	2.553	2.603
FOUL DRAIN DETAILS		Dia: 150 Type: CLAY 1 in 150 Type S Bedding	Dia: 150 Type: CLAY 1 in 150 Type S Bedding	Dia: 150 Type: CLAY 1 in 150 Type S Bedding With Conc. Slab				Dia: 150 Type: CLAY 1 in 150 Type S Bedding With Conc. Slab	
FOUL DRAIN LENGTHS		Length 8.096m AWS S104 Sewer	Length 14.161m AWS S104 Sewer	Length 37.938m AWS S104 Sewer				Length 10.771m AWS S104 Sewer	

Long Section Showing Proposed Foul Water Drain (Extg. FW08 – F04)

Scale: Horizontal–1:500, Vertical–1:100



EXISTING GROUND LEVEL	3.426	3.425	3.482	3.413	3.354	3.251		
PROPOSED ROAD LEVEL	3.300	3.415 / 3.415	3.330	3.355	3.320	3.450	3.440	
SURFACE DRAIN COVER LEVEL	3.300	3.415				3.440		
SURFACE DRAIN INVERT LEVEL	1.210	1.360	1.432	1.507		1.808	1.933	
SURFACE DRAIN DETAILS		Dia: 300 Type: CLAY 1 in 250 Type S Bedding		Dia: 225 Type: CLAY 1 in 125 Type S Bedding				
SURFACE DRAIN LENGTHS		Length 17.923m AWS S104 Sewer		Length 37.595m AWS S104 Sewer				

Long Section Showing Proposed Surface Water Drain (Extg. SW02 – S03)

Scale: Horizontal–1:500, Vertical–1:100

"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.
B	09.08.17	Pipe Gradient Between S02 & S03 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 Foul & Surface Water Long Sections

Date	May '17	Scale	- @A2
Drawn	MP	Checked	SRC
Design	SRC	File Name	24415-19

DRG No. 24415/19 — Rev C

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