

[illegible][illegible]

MANHOLE COVER LEVELS APPROX (m)			
FOUL WATER SEWER INVERT LEVELS (m)			
SURFACE WATER SEWER INVERT LEVELS (m)			
MANHOLE DIAMETER (mm)			
<h1>Road 11</h1>			
Datum: -3.000M AOD			
CHAINAGE ON CENTRELINE (m)		0.000	
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)		3.434	
LEVELS ON LEFT HAND CHANNEL (m)		3.503	
LEVELS ON RIGHT HAND CHANNEL (m)		3.524	
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		3.569	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		3.628	
EXISTING LEVELS (m)		2.810	
		2.807	
		2.809	

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STRUCTURAL DESIGN OF PIPELINES

Pipelines have been designed based on Simplified Tables of External Loads on Buried Pipelines. Pipes under Main Roads with the depth of cover related to finished construction level of road. The contractor shall ensure that overload of the pipes does not occur during construction. The following precautions shall be adopted.

1. Prohibit the movement of construction plant over that part of the pipeline where overloading would occur.
2. Confine the passage of such plant to suitably bridged crossing points.
3. Temporarily deposit (or leave in place) fill over that part of the pipeline and adopt precautions when the fill is finally removed.
4. Restrict the load of vehicles to a safe load.
5. Redesign the affected part of the pipeline to carry the additional external load.

CDM REGULATIONS 2015

1. If you do not fully understand the risks involved during the construction of the items indicated on this drawing ask your manager, health and 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 any 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 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 that competent, adequately trained staff 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.

- ## DRAINAGE PIPEWORK AND BEDDING DETAILS

2. All 150-300mm surface water sewers shall be Extra Strength Clayware to BS EN 295.

B	Amended to suit revised planning layout	17.08.20	JMW	TJW
A	Amended as AWS comments	30.06.20	JMW	TJW
Rev	Description	Date	Drawn	Checked

Drawing Approval Status:-

N/A Section 104 N/A Section 38 N/A Section 278

FOR INFORMATION



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Project:

Damgate, Holbeach

Drawing Description

Longitudinal Section - Sheet 4 of 5

Client:

Drawing Number:
E3991/533/B

Client Reference

Scale: V - 1:500
H - 1:100

Ashwood Homes
1 Goodison Road
Gateway Business Park
Spalding
Lincs PE12 6FY

Designed By:

TJW

Drawn By:

JMW

Checked By

TJW



Certified by Afnor UK

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