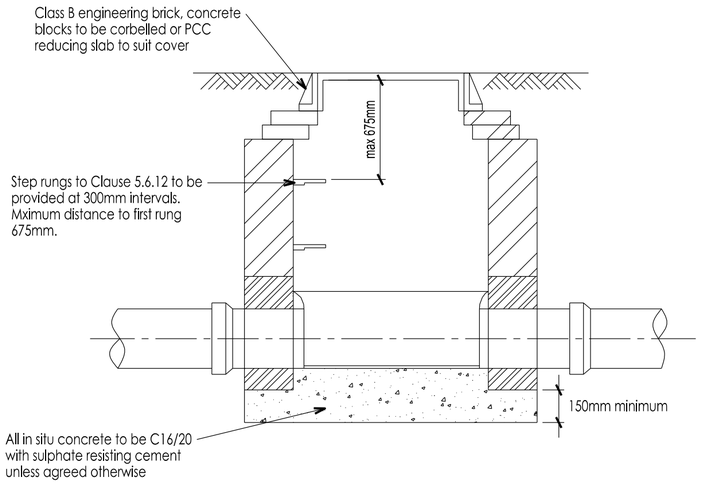
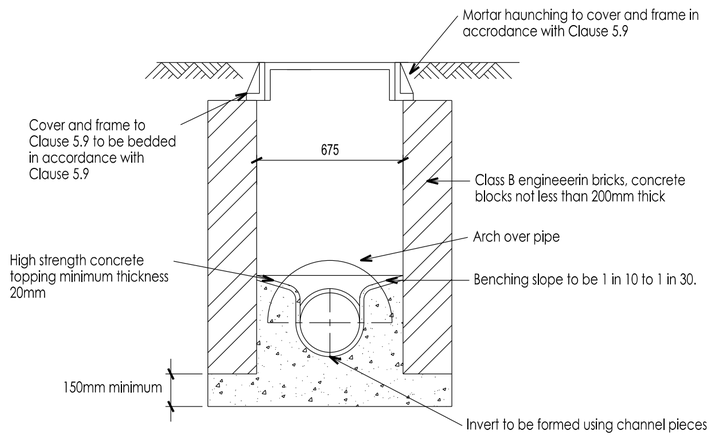
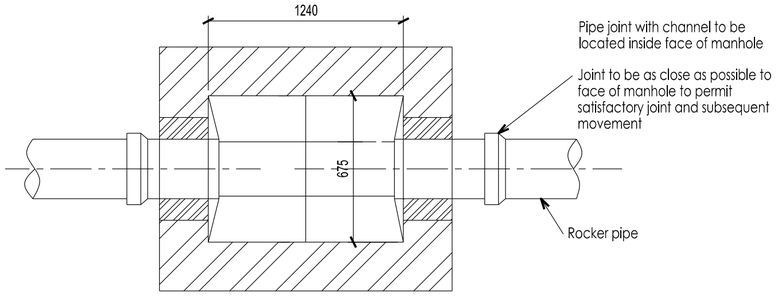
FIGURE 5/3 - TYPICAL MANHOLE DETAIL - TYPE C
Depth from cover level to soffit of pipe 1.0m to 1.5m







Internal dimensions of manhole normally 1240mm x 675mm but manhole widths should be increased for pipes larger than 225mm diameter to give 225 benching each side and the brickwork/masonry untis corbelled down to suit cover or PCC reducing slab to suit cover size.

Notes:

1- '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.

2- 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).

3- 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.

4- '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 developer's own cost at the agreement of the inspecting Highways Officer'.

5- 'All signs and line markings are to be agreed with the Senior Highways Officer prior to construction'.

6- 'No Private surface water shall discharge onto the adoptable highway'

7- BT Chambers and Anglian Water Meters are not to be located within Pedestrian Crossing Points or Vehicle Access Crossings.

William Saunders is the trading name of Wm Saunders Partnership LLP. Wm Saunders Partnership Limited Liability Partnership is registered in England and Wales with the Registration number OC 308323. The Registered Office is Sheppard Lockton House, Cafferata Way, Newark on Trent, Notts. NG24 2TN.

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Contractors must verify all dimensions, levels and co-ordinates at the site before commencing any work or making any shop drawings; no dimensions to be taken from drawing.

ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF LINCOLNSHIRE COUNTY COUNCILS DESIGN GUIDE FOR RESIDENTIAL AREAS AND DEVELOPMENT ROAD SPECIFICATION.

Rev	Description	Drn	Vf'd	Date
-	Issued for S38 Approval	CM	AG	04/18

As outlined in section 2.3 of the CITB Industry Guidance to Designers, insignificant risks can usually be ignored, as can risks arising from routine construction activities, unless the design compounds or significantly alters these risks. In accordance with CDM Regulations 8, 9 and 11, any significant risks relating to the design features shown on this drawing have been identified and are annotated thus: [I]

☒ No significant risks have been identified.

☐ Significant risks have been identified - refer to notes on drawing for information on residual risks and any control measures to be employed.

Refer to the current Designer's Risk Assessment sheets for further details.

Designer's Signature	CM	Date	04/18

Drawing Status
APPROVAL

williamsaunders
architecture: engineering: building consultancy

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Spalding
Lincolnshire

Client
D. Brown Building Contractors Ltd
on behalf of Welland Homes

Title
S38 Manhole Details

Drawn	Date	Scale	
CM	April 2018	nts	@ A2
Discipline	**Project Number**	**Drawing Number**	**Revision**
Civils	11482	(9)04	-