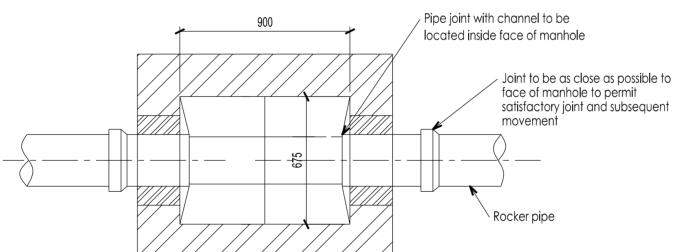


Cover and frame to



Internal dimensions of manhole normally 900mm 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.

FIGURE 5/4 - TYPICAL MANHOLE DETAIL - TYPE D Depth from cover level to soffit of pipe less than 1.0m

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 the developers' own cost at the agreement of the inspecting Highway and Flood Authority Officer".
- 5) "No Private surface water shall discharge onto the adoptable highway"
- 6) "No private, structural features shall overhang the adoptable highway".
- 7) "No private retaining walls exceeding 1.37m shall be within 3.66m of the highway boundary".

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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 DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE DESIGN GUIDE AND DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION

P2	Type B and C omitted. Type D added.	JW	PAE	25/03/20
P1	Initial issue	JW	PAE	14/02/20
Rev	Description	Drn	Vf'd	Date
As outlined in section 2.3 of the CITR 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:

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

JW Date 02/20

REGULATORY APPROVAL

williamsaunders

architecture: engineering: building consultancy

Sheppard Lockton House Cafferata Way Newark-on-Trent

Fax: 01636 702809 W: wm-saunders.co.uk

Also at Leeds, Lincoln, Wirksworth

Nottinghamshire. NG24 2TN

Proposed Residential Development Land off Fenside Road, Boston

Seagate Homes

S38 Manhole Details

WmS Project Ref. | Drawn | Date @ A2 JW 02/2020 12079 NTS

Drawing/Document Reference

Project Originator Zone Level Type Role Number Status Rev. 12079 - WMS - ZZ - XX - DR - C - 39506 - S8 - P2