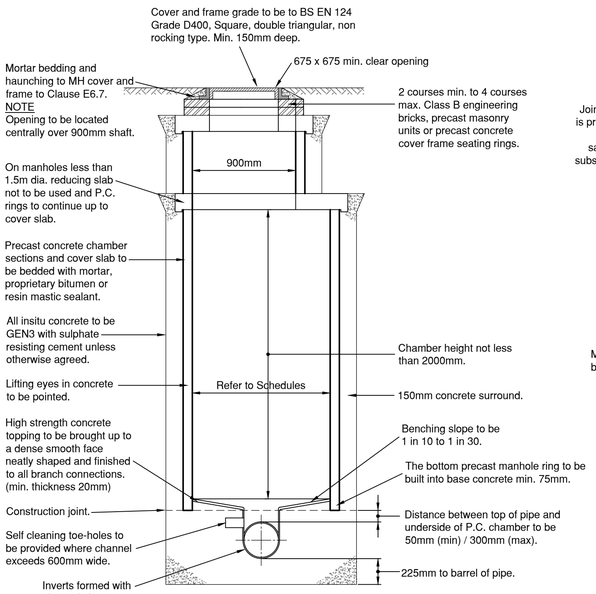
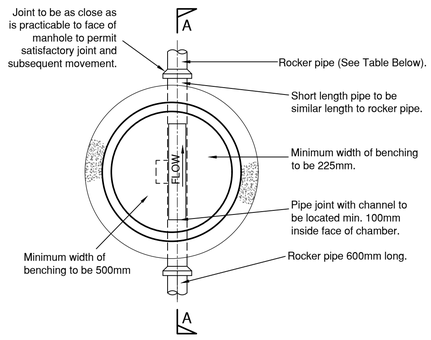


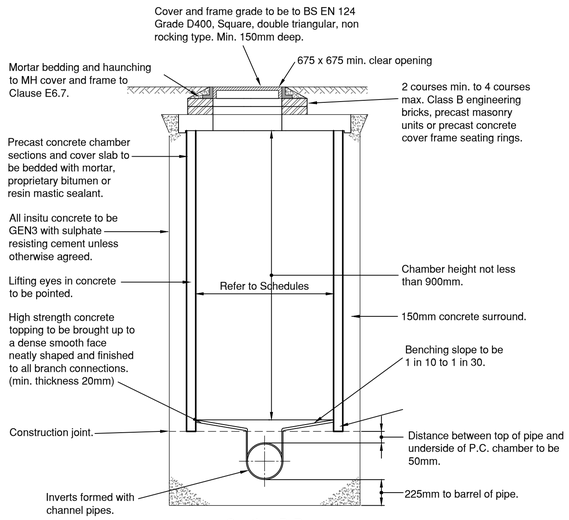
Section A-A



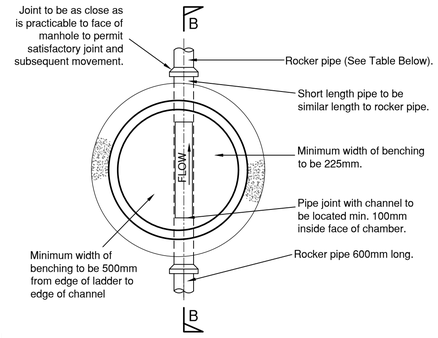
Plan

Type A Manhole

Depth to soffit 3.0m to 6.0m



Section B-B



Plan

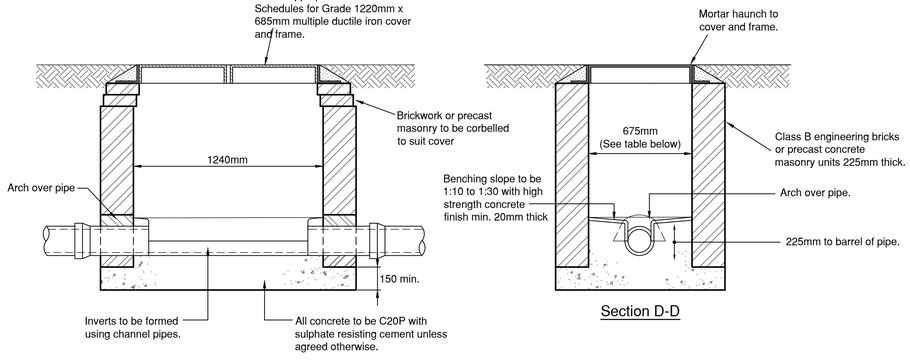
Type B Manhole

Depth to soffit max. 3.0m

Rocker Pipe Lengths	
Nominal Dia (mm)	Effective Length (m)
150 - 600	0.6
over 750	1.25

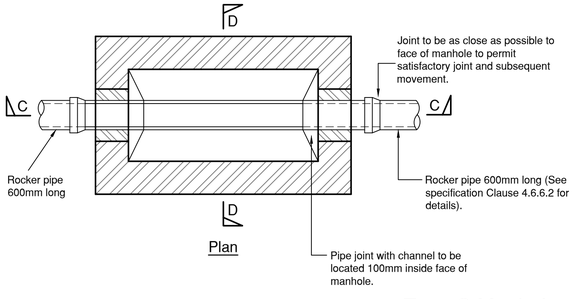
NOTES

1. This drawing is to be read in conjunction with S104 Adoption Layout, Foul Water Longitudinal Sections (DSM/E4761/201-202), Foul Water Manhole Schedules (DSM/E4761/412), other Drainage Construction Details and Domestic Drainage Layouts (DSM/E4761/***).
2. All dimensions are in millimetres unless stated otherwise.
3. Do not scale from this drawing. Only written dimensions are to be used.
4. Whilst main surface water drainage is to remain private, all construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Addendum and Southern Water requirements.
5. Refer to geotechnical report for sulphate resisting class and ACEC class.
6. ***Outgoing pipes greater than 600mm dia. should be fitted with guard bars, safety chains [to BS4942:pt 2 and BS 729] or other safety devices in accordance with the Southern Water safety policy.***



Section C-C

Section D-D



Plan

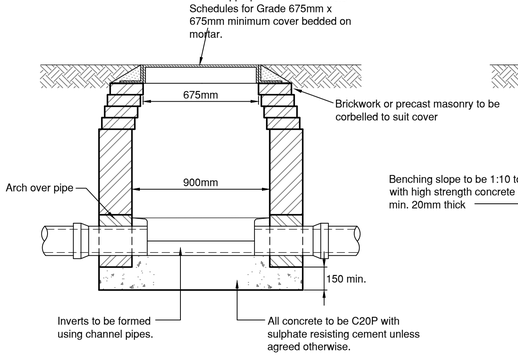
NOTES

1. Internal dimensions of manhole normally 1240mm x 675mm but manhole width should be increased for pipes larger than 225mm dia. to give 225mm benching each side and the brickwork /masonry units corbelled down to suit cover.
2. Manholes with less than 1.45m cover to soffit levels must be constructed using Class A engineering brickwork.

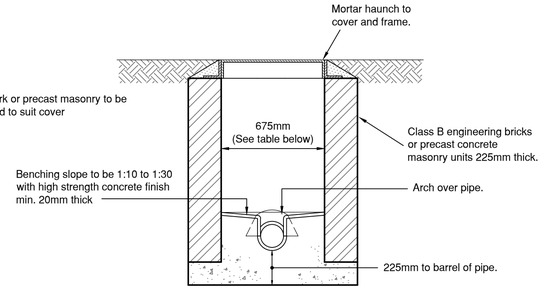
Pipe Size	Manhole Width
225	675
300	750
375	825
450	900

Type C Manhole

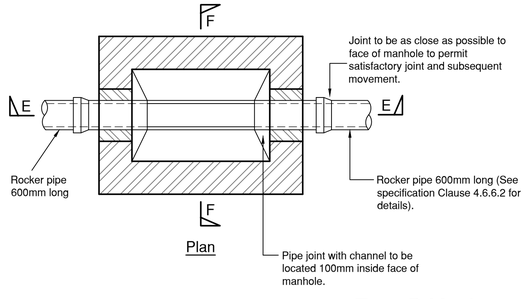
Depth to soffit 1.0m to 1.5m



Section E-E



Section F-F



Plan

NOTES

1. Internal dimensions of manhole normally 900mm x 675mm but manhole width should be increased for pipes larger than 225mm dia. to give 225mm benching each side and the brickwork /masonry units corbelled down to suit cover.
2. Manholes with less than 1.45m cover to soffit levels must be constructed using Class A engineering brickwork.

Pipe Size	Manhole Width
225	675
300	750
375	825
450	900

Type D Manhole

Depth to soffit less than 1.0m

CDM NOTES

1. EXISTING SERVICES. Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.

Rev.	Date	Details	By	Chkd	Appd

Client:-

DREW SMITH LIMITED

Site:-

SUMMER LANE PAGHAM

Drawing Title:-

S104 DRAINAGE CONSTRUCTION DETAILS

Sheet 1 of 2

Date: January 2020 | Scales: 1:1000 at A1

Drawn: RM | Checked: LD | Approved: TRS

Drawing No.

DSM/E4761/410

FOR INFORMATION ONLY

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ARUN DISTRICT COUNCIL PI620/20/DOC