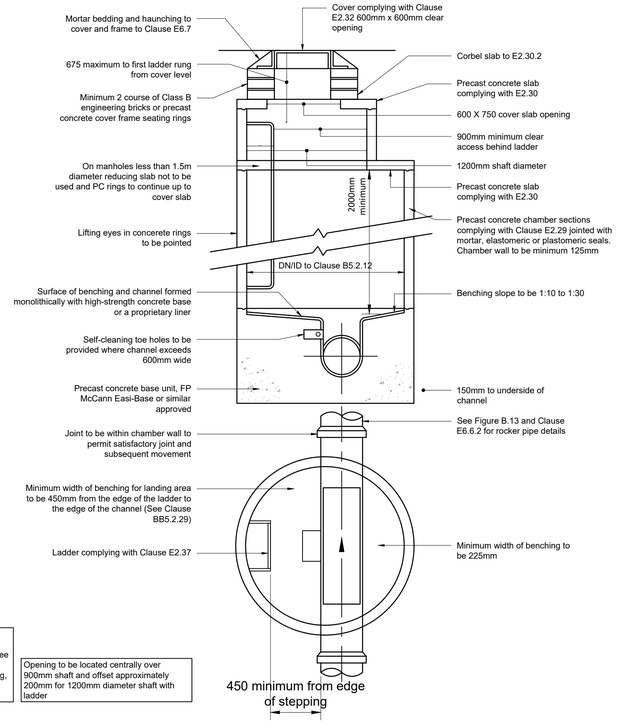
Original Drawing Size A1

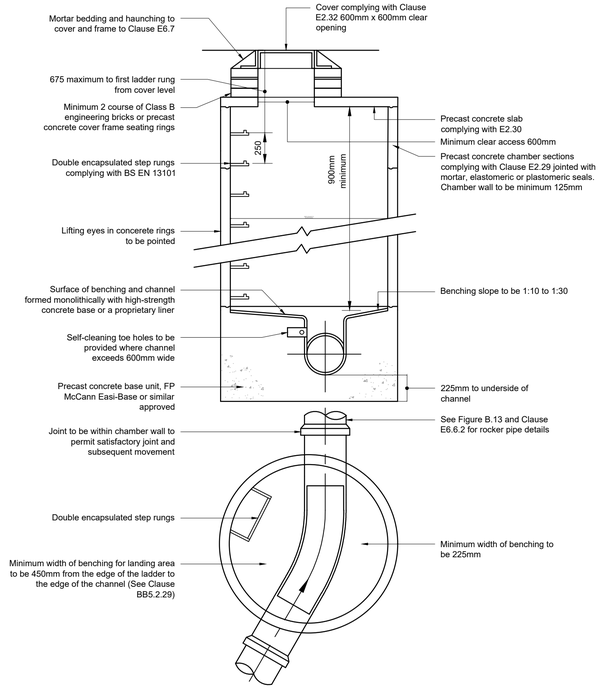


Manhole details indicate general arrangment adjacent to manhole covers for concrete pavement. See Architects plans for details. For flexible and concrete block paving, paving to continue to outside of frame.

Opening to be located centrally over 900mm shaft and offset approximately 200mm for 1200mm diameter shaft with ladder

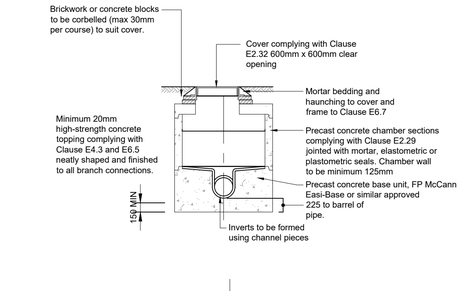
TYPE A1 - DCG Figure B4

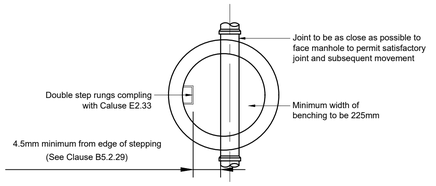
(Depth from cover level to soffit of pipe 3m to 6m)



TYPE B - DCG Figure B9

(Max. depth from cover level to soffit of pipe 1.5m to 3.0m)





TYPE C

(Depth from cover level to soffit of pipe 1.0m - 1.5m, maximum pipe dia 450mm)

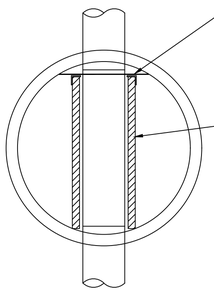
TYPICAL MANHOLE CONSTRUCTION DETAILS

N.T.S.

MANHOLE CHAMBER SIZES STANDARD DETAILS	
DIA OF LARGEST PIPE IN MH	INTERNAL CHAMBER DIA (mm)
LESS THAN 375mm	1350
375mm - 450mm	1350
500mm - 700mm	1500
750mm - 900mm	1800
GREATER THAN 900mm	ENGINEER TO ADVISE

PIPE DIA. mm	ROCKER PIPE LENGTH m
150-600	0.6
675-750	1.0
>825	1.25

POSITION & SIZE OF ACCESS IN CONCRETE COVER SLAB		
SHAFT / CHAMBER SIZE	M/H DEPTH LESS THAN 1.5m	M/H DEPTH 1.5m OR GREATER
1200mm - 1350mm	675 X 675mm CENTRAL	675 X 675mm ECCENTRIC
1500mm	1200 X 675mm CENTRAL	675 X 675mm ECCENTRIC
1800mm - 3000mm	1200 X 675mm CENTRAL	675 X 675mm ECCENTRIC

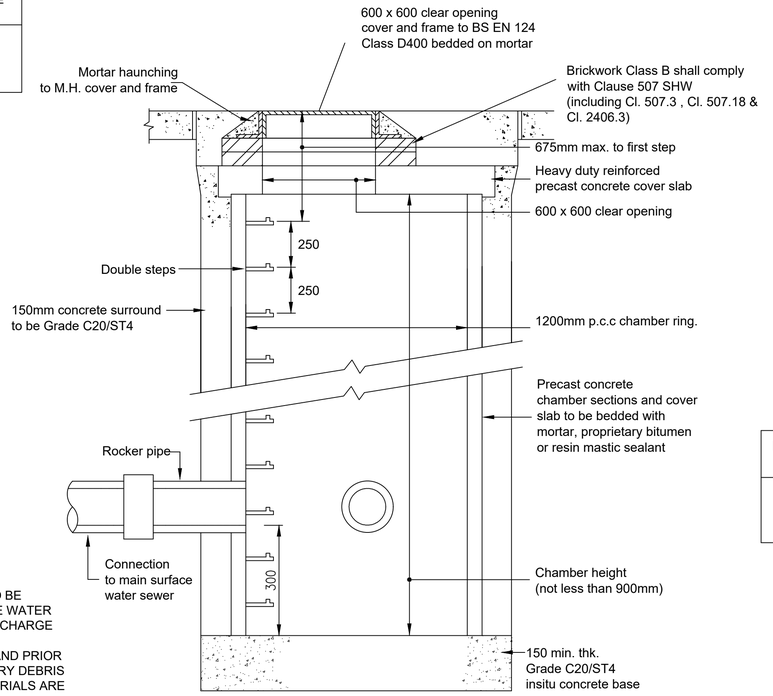


5mm THICK TRASH SCREEN CONSTRUCTED IN GALVANISED STEEL MESH TO BE HELD USING ANGLE IRON FRAME AND BRACED WITH 100x75mm TIMBER SUPPORTS

ANGLE IRON FRAME BRACED WITH 100x75mm TIMBER SUPPORTS ACROSS CHAMBER

NOTE:
1. TEMPORARY DEBRIS SCREEN TO BE PROVIDED IN THE LAST SURFACE WATER MANHOLE OF A RUN BEFORE DISCHARGE TO A POND/BASIN
2. UPON COMPLETION OF WORKS AND PRIOR TO FINAL INSPECTION TEMPORARY DEBRIS SCREEN AND ASSOCIATED MATERIALS ARE TO BE REMOVED OFF SITE

TEMPORARY DEBRIS SCREEN



Catchpit Detail

Internal diameter of Catchpit	Diameter of largest pipe in Catchpit
1200	Less than 375
1500	375 - 700
1800	750 - 900

Construction Design and Management (CDM)

Key Residual Risks

Contractors entering the site should gain permission from the relevant land owners and/or principle contractor working on site at the time of entry. Contractors shall be responsible for carrying out their own risk assessments and for liaising with the relevant services companies and authorities. Listed below are Site Specific key risks associated with the project.

1) Overhead and underground services
2) Working adjacent to water courses and flood plain
3) Soft ground conditions
4) Working adjacent to live highways
5) Unchartered services

NOTES:

1. Do not scale from this drawing.
2. All dimensions are in metres unless otherwise stated.
3. Brookbanks Consulting Ltd has prepared this drawing for the sole use of the client. The drawing may not be relied upon by any other party without the express agreement of the client and Brookbanks Consulting Ltd. Where any data supplied by the client or from other sources has been used, it has been assumed that the information is correct. No responsibility can be accepted by Brookbanks Consulting Ltd for inaccuracies in the data supplied by any other party. The drawing has been produced based on the assumption that all relevant information has been supplied by those bodies from whom it was requested.
4. No part of this drawing may be copied or duplicated without the express permission of Brookbanks Consulting.
5. All materials, workmanship and highway construction works to be in accordance with the contract specification, and Specification for Highway Works.
6. For further notes and guidance refer to the respective approving authority construction details

B	Chamber Linework fixed	DC	DC	RM 08.02.22
A	Enlarged	CL	DC	RM 21.01.22
-	First Issue	CL	JI	JI 08.11.21

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Bellway

Hook Lane
Pagham

Adoptable Drainage Details
Sheet 2 of 7
Drainage Details

Status		Status Date
Tender		Nov 2021
Drawn	**Checked**	**Date**
CL	JI	21.11.2021
Scale	**Number**	**Rev**
1:500	10831-100-131	B

0 10 20 30 40 50
METRES

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

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P:\10831\CAD\BCL\Working Drawings\10831-100-131 Highway Construction Details.dwg

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