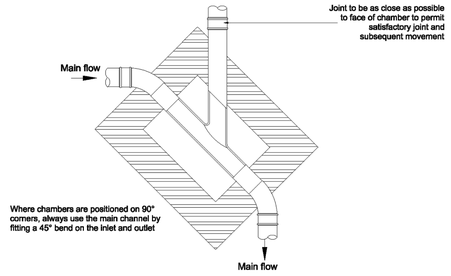


Note: The use of precast concrete chamber units to E2.29 with 150 mm GEN3 in-situ concrete surround complying with E4.1 and BRE Special Digest 1 in place of brickwork construction is permitted.



Note: Where the access chamber is in the highway (including any footway), the highway authority can have specific requirements.

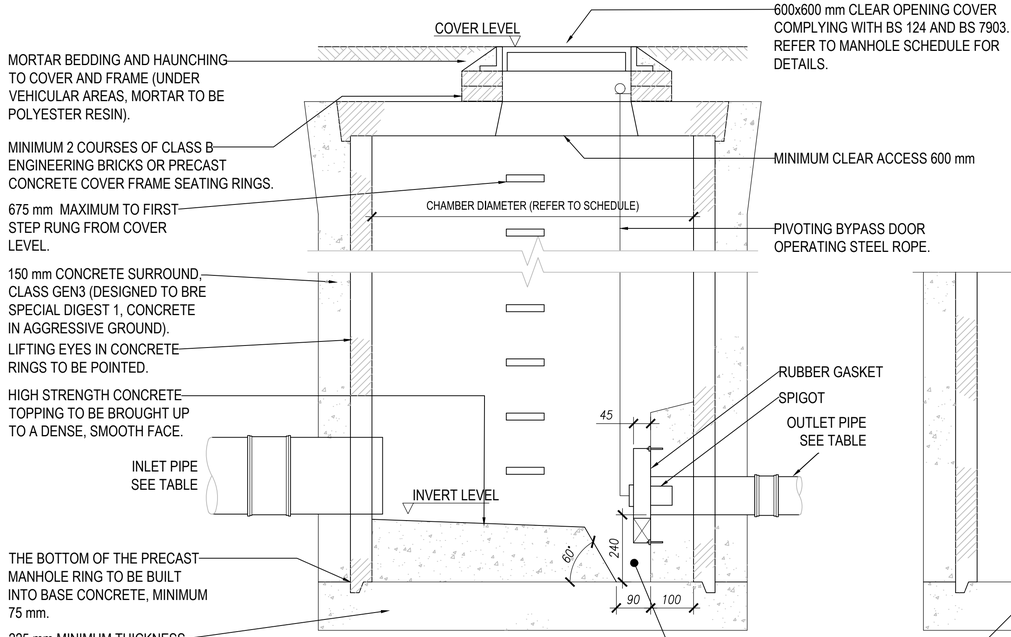
Not to scale

FIGURE B 43

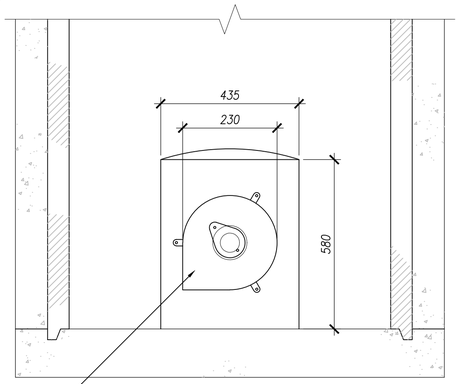
TYPICAL INSPECTION CHAMBER DETAIL - TYPE E

DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 1m
RIGID MATERIAL CONSTRUCTION
NOT TO SCALE

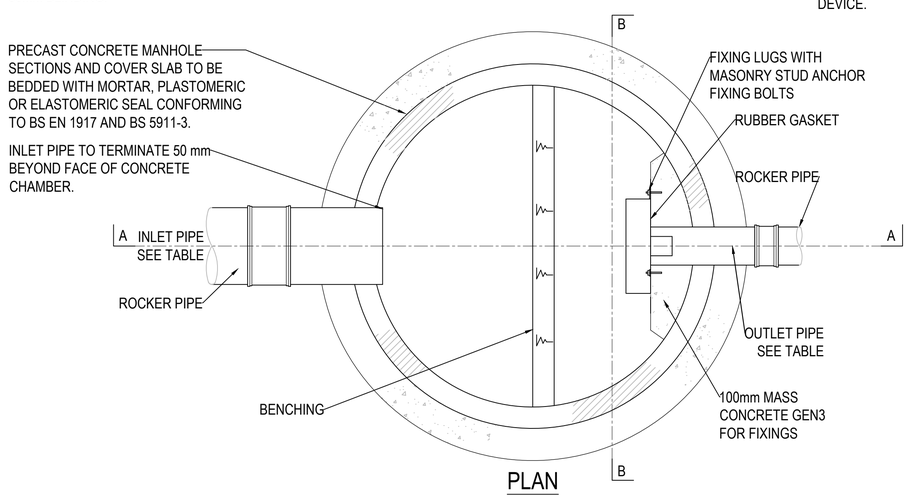
FIGURE DETAILS ON THIS SHEET ARE TAKEN FROM SEWERAGE SECTOR GUIDANCE APPENDIX C - DRAINAGE CONSTRUCTION GUIDANCE. REFER TITLEBLOCK NOTE 1.1.



SECTION A-A



SECTION B-B



PLAN

HYDROBRAKE MANHOLE DETAIL

NOT TO SCALE

HYDRO-BRAKE® OPTIMUM VORTEX FLOW CONTROL TECHNICAL SPECIFICATION

NOTE: AN EQUIVALENT VORTEX FLOW DEVICE MAY BE USED SUBJECT TO MEETING THE THE MINIMUM SPECIFICATIONS PROVIDED BELOW:

GRADE 304L STAINLESS STEEL VORTEX FLOW CONTROL UNIT WITH INTEGRAL STAINLESS STEEL PIVOTING BYPASS DOOR ALLOWING CLEAR LINE OF SIGHT THROUGH TO OUTLET, C/W STAINLESS STEEL WIRE CABLE. BEED BLASTED FINISH TO MAXIMISE CORROSION RESISTANCE , STAINLESS STEEL FIXINGS AND RUBBER GASKET SEAL TO OUTLET.

MANHOLE REFERENCE:		SW 8		SW 18	
COVER LEVEL (m):	SEE LAYOUT	INVERT LEVEL (m):	2.754	INVERT LEVEL (m):	2.720
DEVICE REFERENCE:		SHE-0038-5000-0500-5000		SHE-0038-5000-0500-5000	
DESIGN HEAD (m):		0.5		0.5	
DESIGN FLOW (l/s):		0.5		0.5	
INLET PIPE DIAMETER (mm):		150Ø & 100Ø		150Ø & 100Ø	
OUTLET PIPE DIAMETER (mm):		150Ø		150Ø	
MIN. SUMP DEPTH (mm):		240		240	
MIN. CHAMBER DIAMETER (mm):		1200		1200	

NOTE: PROPRIETARY PRODUCTS SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS DETAILS AND SPECIFICATION.

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

GENERAL NOTES:

1. DO NOT SCALE FROM THIS DRAWING. ONLY USE FIGURED DIMENSIONS. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL ENGINEER'S DRAWINGS AND DETAILS, THE SPECIFICATION FOR THE WORKS, THE RELEVANT ARCHITECT'S DRAWINGS AND ANY OTHER SPECIALIST'S DRAWINGS
3. CIVIL ENGINEERING DESIGN COMPLETED IN THE ABSENCE OF A COMPLETE COMBINED UTILITIES DESIGN AND DRAWINGS. IT IS ASSUMED THAT UTILITIES WILL BE POSITIONED TO SUIT PROPOSED DRAINAGE LAYOUT
4. PROPOSED BOUNDARY LAYOUT AND DETAILS BY OTHERS.
5. SOFT LANDSCAPING LAYOUT,DETAILS AND SPECIFICATION BY OTHERS

DRAINAGE CONSTRUCTION DETAIL NOTES:

1.1. WHERE NOTED DETAILS ARE TAKEN FROM SEWER SECTOR GUIDANCE APPENDIX C - DRAINAGE CONSTRUCTION GUIDANCE. ALL DETAILS ARE NOT TO SCALE AND DIMENSIONS STATED ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. SEE SSG DESIGN FOR CONSTRUCTION WHERE DETAILS REFER THE READER TO VARIOUS DOCUMENTATION. REFER TO ORIGINAL DOCUMENTATION TO CONFIRM THE LATEST INFORMATION IS BEING USED.

Revision Details	By / Check	Date	Suffix
REVISED DRAINAGE STRATEGY	MCG / EC	02.09.24	C01

Drawing Status
CONSTRUCTION

Client
BOUTIQUE MODERN

Project Name
DANIEL CLOSE

Drawing Title
PROPOSED DRAINAGE DETAILS SHEET 4

Scale at A1	Client Project Number
AS SHOWN @ A1	-
Drawn: MCG	BDC Project Number: 23095
Approved: EC	Date: SEP 2024

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Drawing Number: 23095-BDC-C-XX-XX-EL-0545 Rev: C01

P:\2023\23095 Daniel Close\2.0 Drawing\2.2 BDC C Drawings\2.2.1 Cad\23095-BDC-C-XX-XX-EL-0541 - Proposed Drainage Details (DAN).dwg