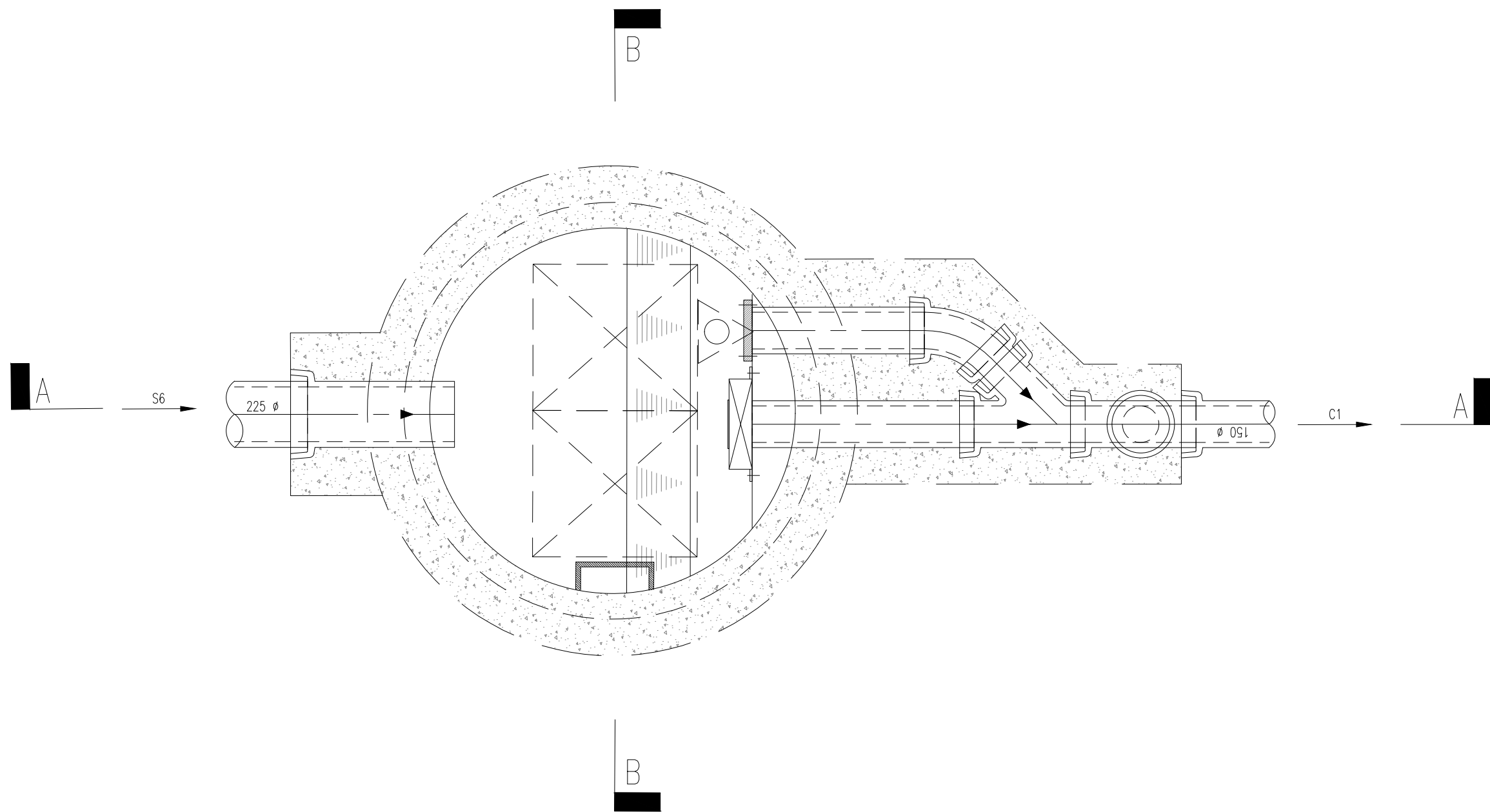
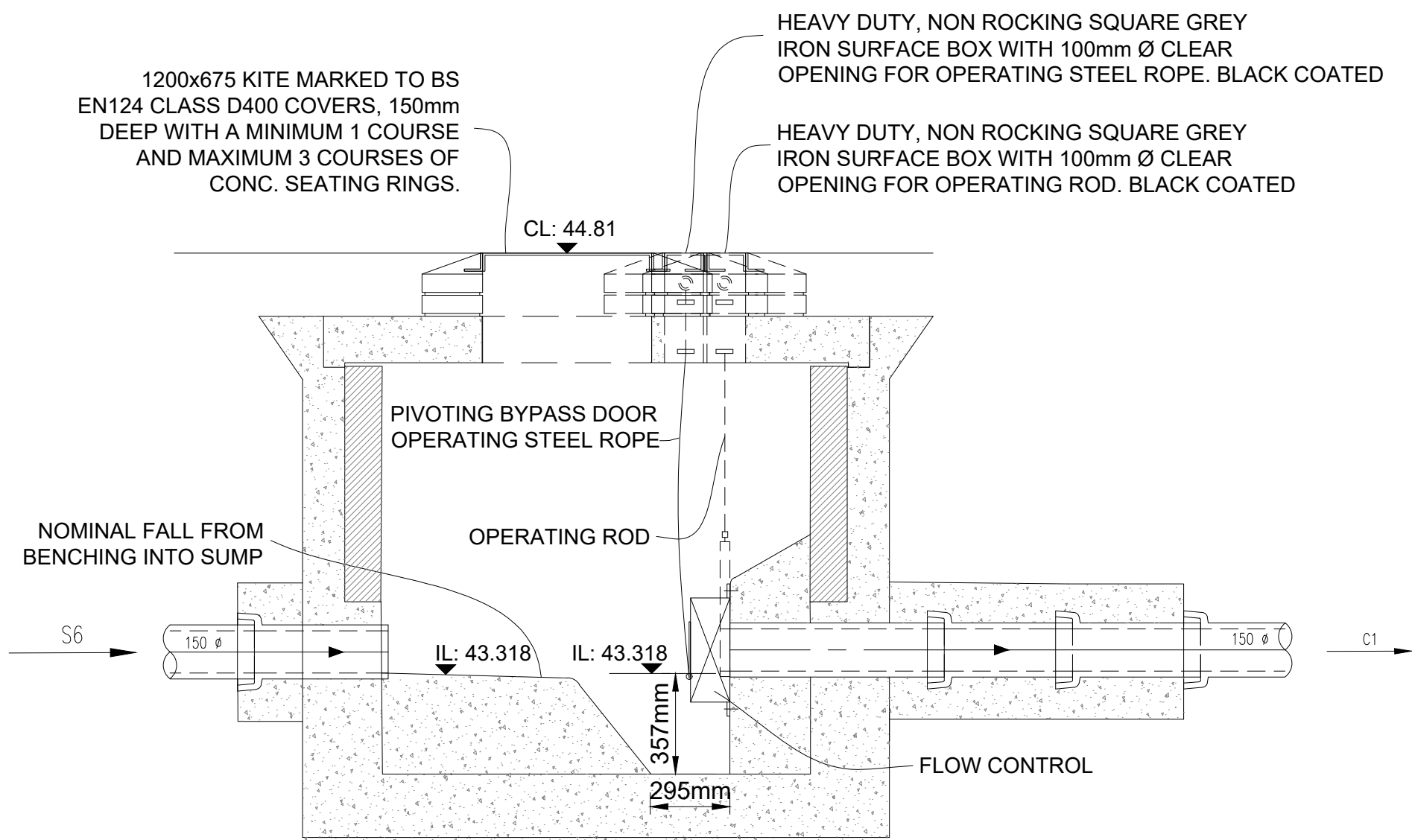


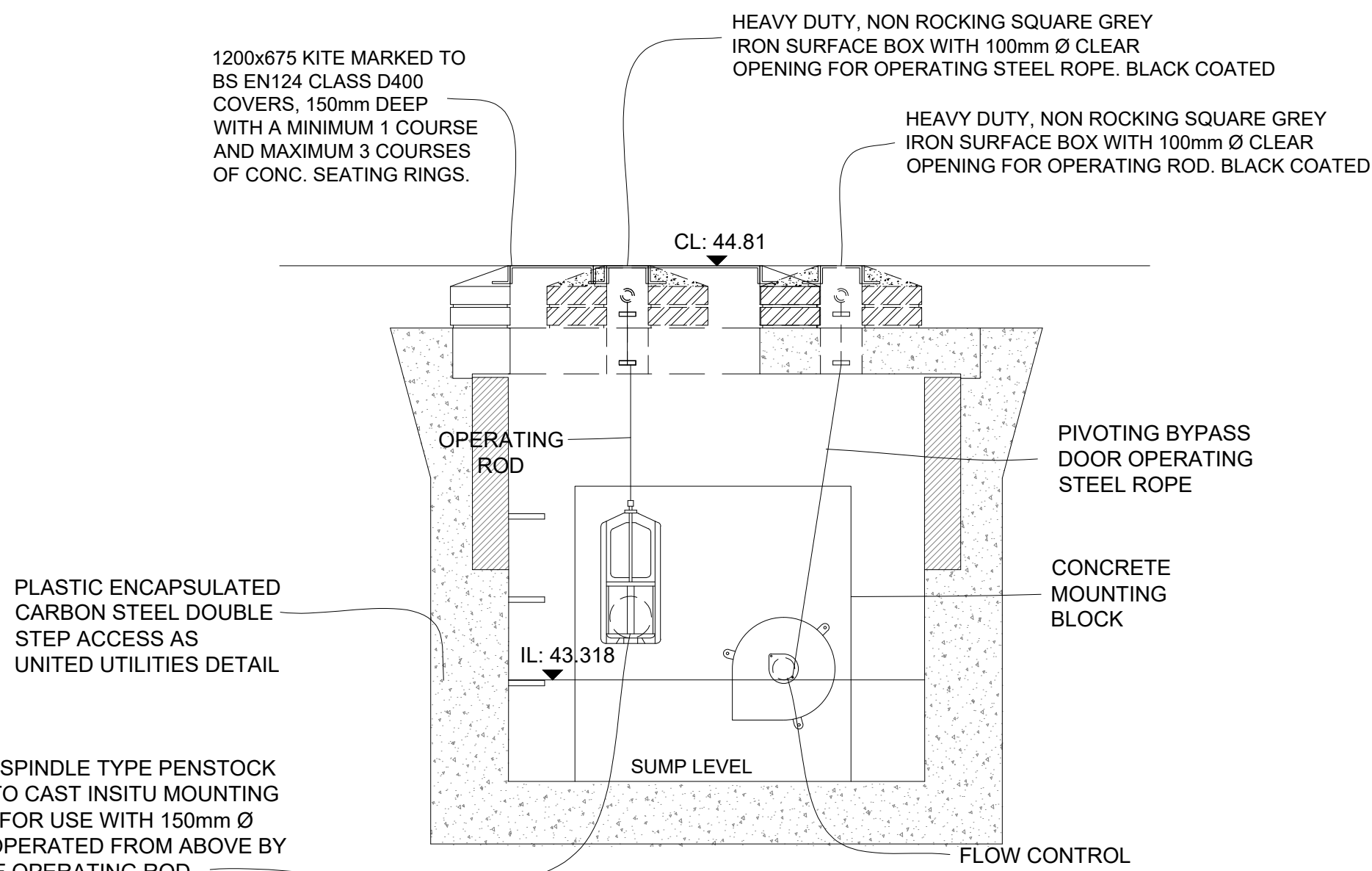


PLAN MH REF S12



SECTION A-A

ACO QBRAKE DETAILS	
MANHOLE REFERENCE	S12
MANHOLE SIZE	1500mm DIA.
QBRAKE TYPE	ACO QBRAKE VORTEX
QBRAKE REFERENCE	QB425
DISCHARGE RATE	5.0 l/sec
DESIGN HEAD	1.60
ORIFICE SIZE (mm)	93
SUMP DEPTH (mm)	0.357 MIN.
INVERT LEVEL (m)	43.318m
WEIR LEVEL (m)	N/A



SECTION B-B



DO NOT SCALE OFF THIS DRAWING

GENERAL NOTES

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

ALL DRAINAGE AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DCG.

DRAINAGE NOTES:

MANHOLE COVERS AND FRAMES SHALL BE IN ACCORDANCE WITH DCG CLAUSE 2.32.

LADDER / DOUBLE STEP ACCESS:

ALL IN ACCORDANCE WITH DCG FIGURES B4 TO B12.

FOR 1200 & 1500mm Ø MANHOLE CHAMBERS, OR WHERE THE DEPTH TO SOFFIT IS LESS THAN 3m, A FULL HEIGHT (NO ACCESS SHAFT) CONSTRUCTION IS PREFERRED.

WHERE THE DEPTH TO SOFFIT FROM COVER LEVEL IS LESS THAN 3.0m, DOUBLE ACCESS STEPS SHALL BE USED IN PLACE OF A LADDER.

WHERE THE DEPTH TO SOFFIT FROM COVER LEVEL IS GREATER THAN 3.0m, AN ACCESS LADDER SHALL BE USED. ACCESS LADDER TO UNITED UTILITIES STANDARD DETAIL No. 8. MINIMUM 1200mm INTERNAL SHAFT DIAMETER REQUIRED FOR ACCESS LADDERS.

ROCKER PIPE LENGTHS (DCG E6.6):

150mm Ø PIPE – 600mm Ø PIPE : MINIMUM 600mm LONG ROCKER PIPE
601mm Ø PIPE – 750mm Ø PIPE: MINIMUM 1000mm LONG ROCKER PIPE
OVER 750: MINIMUM 1250mm LONG ROCKER PIPE

MANHOLE TYPES:

REFER TO DCG FIGURES B4 TO B25 FOR DETAILS.

VARIABLE FEATURES:

LADDERS: IN ACCORDANCE WITH DCG CLAUSE E2.37

HANDRAILS: IN ACCORDANCE WITH DCG CLAUSE E2.36

SAFETY CHAINS: IN ACCORDANCE WITH DCG CLAUSE E2.35

- NOTES:
- ALL CONNECTIONS WITHIN THE MANHOLE TO BE SOFFIT TO SOFFIT CONNECTIONS.
 - TO BE READ IN CONJUNCTION WITH THE DRAINAGE LAYOUT

P01	ISSUE FOR INFORMATION	10.07.24	JG	AD
Rev	Description	Date	By	Chkd

Drawing Status

PRELIMINARY DRAWING



Client
JIGSAW HOMES

Project
DEVONSHIRE STREET
ARDWICK

Drawing Title
ACO QBRAKE DETAIL MH S14

Date JUL 24	Drawn By JG	Checked By AD
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Scale at A1 1:20	Project Number 33494
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Sheet Number 33494-SUT-ZZ-XX-DR-C-6310	Revision P01
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