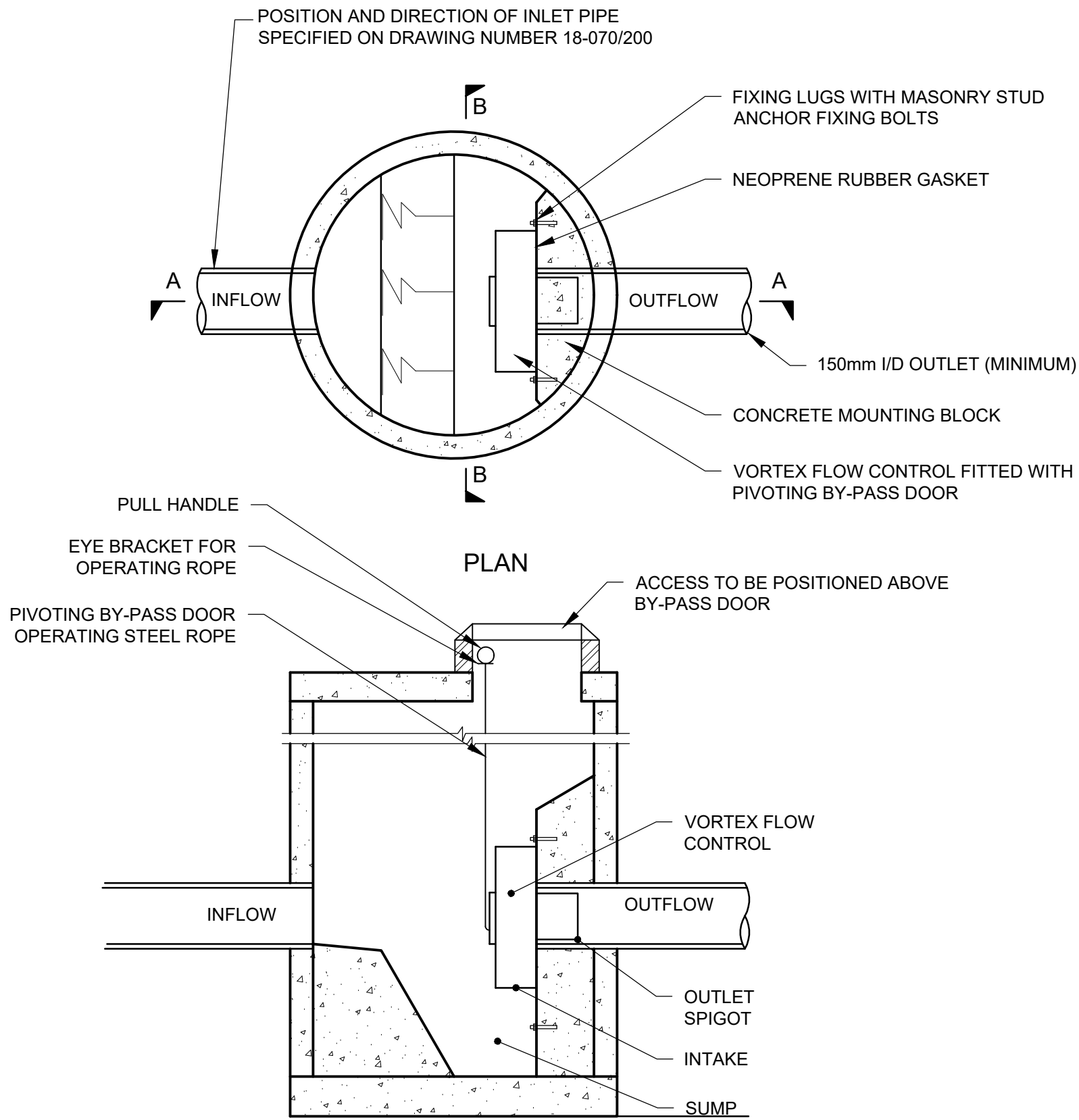


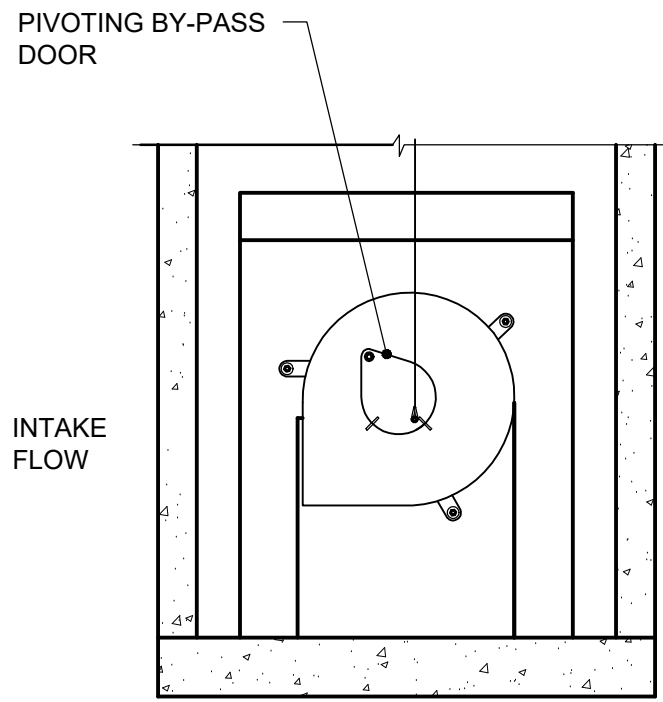
HYDRO-BRAKE TECHNICAL SPECIFICATION

MH REF	UNIT REF	FLOW (L/S)
S13	MD-SHE-0106-7000-2250-7000	7.0
S42	MD-SHE-0097-5000-1600-5000	5.0

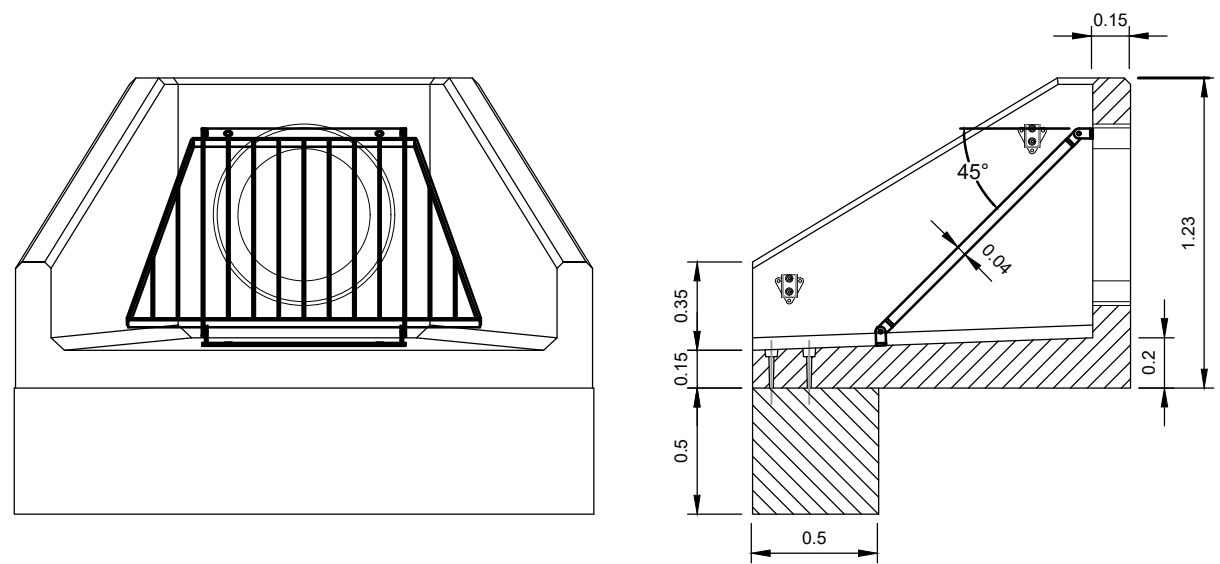
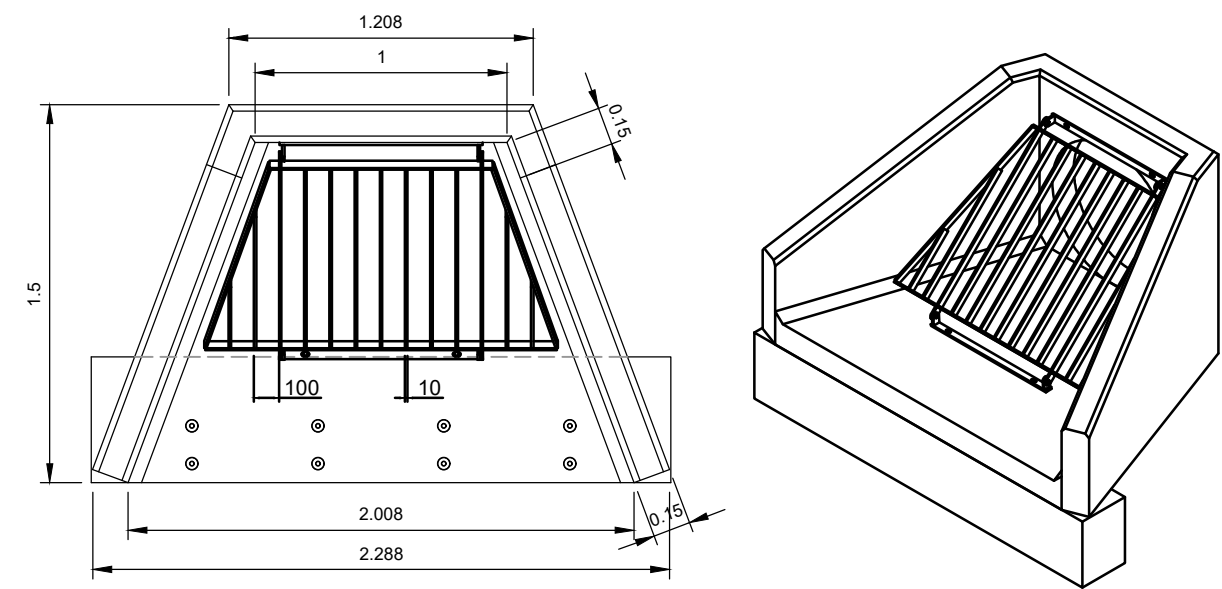


SECTION A - A

TYPICAL HYDRO-BRAKE FLOW CONTROL CHAMBER DETAIL (FOR CHAMBER TYPE REFER TO SCHEDULES) CHAMBERS TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS



SECTION B - B



ALTHON SFA10C PRECAST HEADWALL
'SOUTHERN OUTFALL'
(OR SIMILAR APPROVED)

SFA10C SPECIFICATION

- OPENING IN BACK WALL CAST TO SUIT OUTSIDE DIAMETER OF PIPEWORK

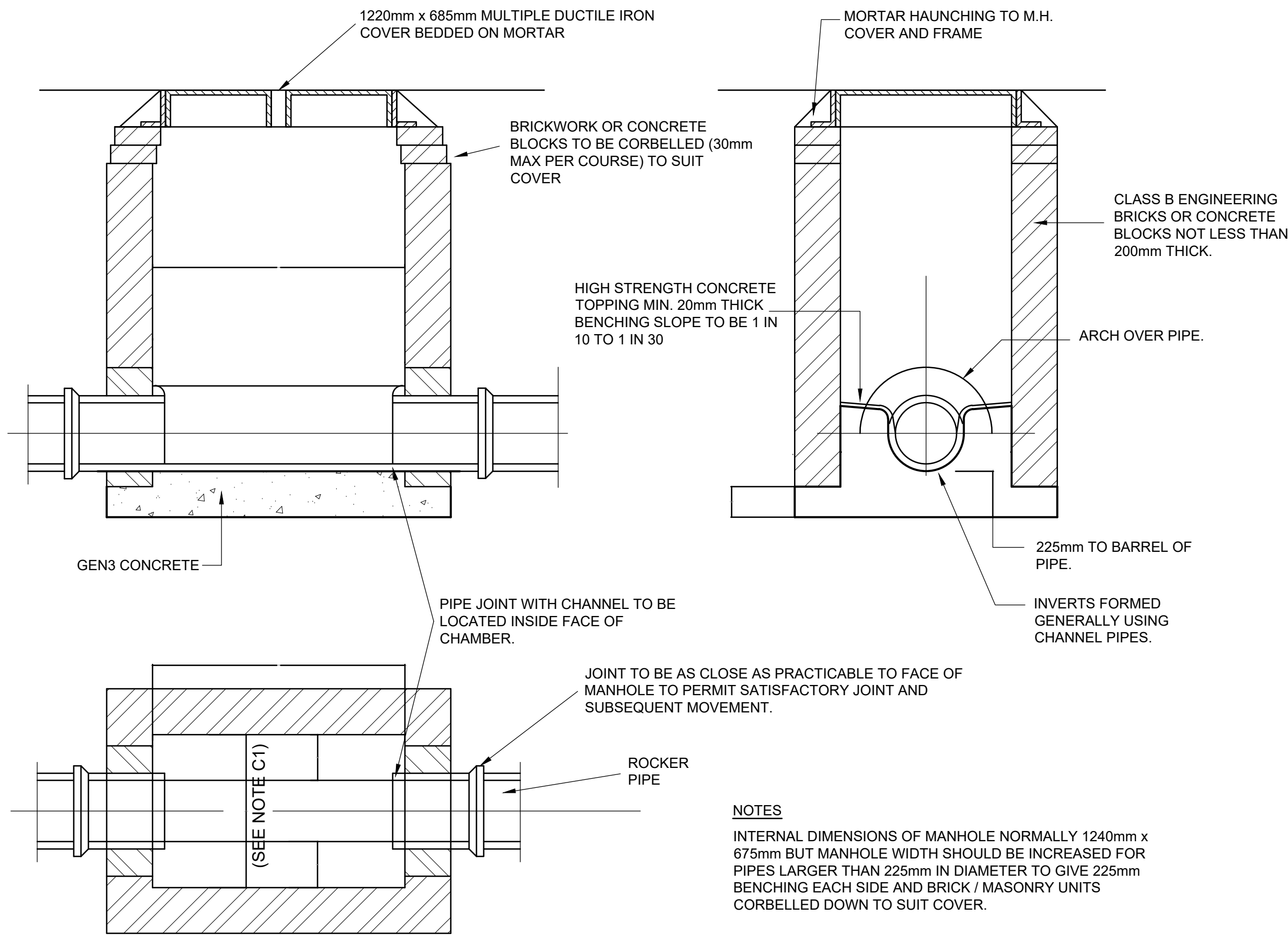
HEADWALL INSTALLATION

- UNITS SHOULD BE BEDDED ON MINIMUM 200MM THICK WELL COMPACTED CLASS 6A* SELECTED WELL GRADED GRANULAR MATERIAL.
- SIT THE HEADWALL LEVEL OR WITH A SLIGHT FALL 1:50 FROM PIPE TO SPILL MOUTH.
- MATERIAL: REINFORCED CONCRETE

GRATING SPECIFICATION INFORMATION

- GRATING MANUFACTURED FORM 40 X 10 FLATS AT 100MM CENTRES
- MATERIAL EITHER GALVANISED OR STAINLESS STEEL

NOTE: FOR FULL DETAILED INSTALLATION INSTRUCTIONS AND SPECIFICATION CONTACT ALTHON LTD



TYPICAL MANHOLE DETAIL - TYPE C
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 1m TO 1.45m

NOTES

INTERNAL DIMENSIONS OF MANHOLE NORMALLY 1240mm x 675mm BUT MANHOLE WIDTH SHOULD BE INCREASED FOR PIPES LARGER THAN 225mm IN DIAMETER TO GIVE 225mm BENCHING EACH SIDE AND BRICK / MASONRY UNITS CORBELLED DOWN TO SUIT COVER.

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MANUAL FOR CONTRACT DOCUMENTS, VOLUME 1, SPECIFICATION FOR HIGHWAY WORKS, WSCC SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED.
- IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES UNLESS SHOWN OTHERWISE.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.

TENDER ISSUE
SUBJECT TO TECHNICAL
APPROVAL

D	EASTERN OUTFALL UPDATED	LP	LH	LH	02.12.20
C	HYDROBRAKE UNIT REFERENCES AND HEADWALL DETAILS UPDATED	HM	SG	LH	16.06.20
B	HEADWALL DETAILS UPDATED	JA	SG	LH	23.08.19
A	ISSUED FOR TENDER	SG	LH	LH	08.02.19
Rev	Amendments	Dm	Chk	App	Date



Job Title
**LAND SOUTH OF BURNDELL ROAD,
YAPTON**

Drawing Title
**ADOPTABLE DRAINAGE
CONSTRUCTION DETAILS 2 OF 2**

Client
BOVIS HOMES

Scale NTS @ A1	Date JAN 19	Designed SG
Drawn TSB	Checked SG	Approved LH
Job No 18-070	Drawing No 18-070/214	Rev D