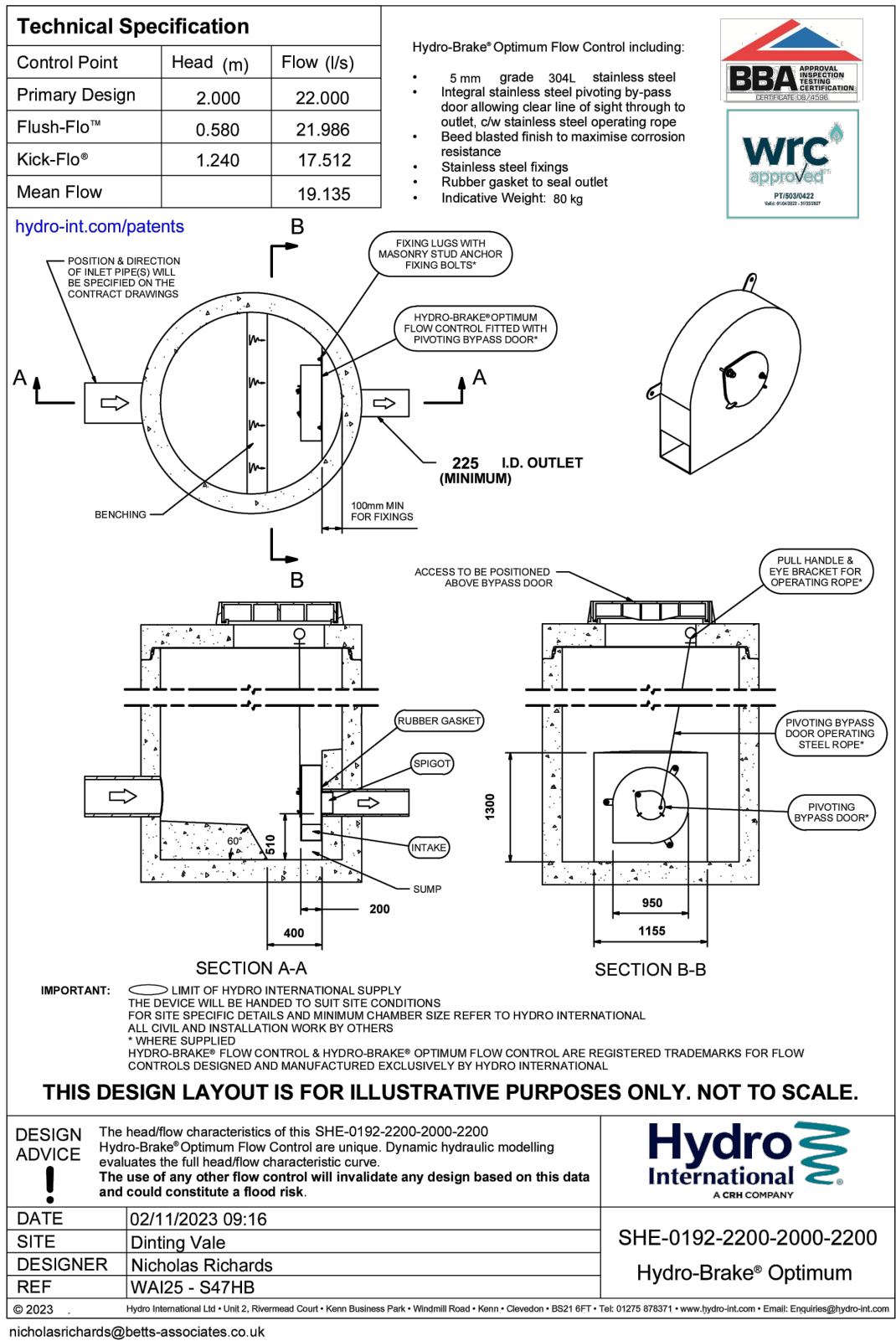


NOTE
DETAILS ON THIS DRAWING ARE SUBJECT
TECHNICAL APPROVALS

NOTES

- a. These 1:20 Manhole Construction Details are for construction purposes **ONLY** when approval has been obtained from the Statutory Undertaker.
- b. The co-ordinates indicated on these 1:20 Manhole Construction Details relate to the proposed centre of the manhole and not to the pipe intersection; please refer to the Manhole Schedules should this information be required. Please note that the Manhole Schedules are for guidance and information purposes only and **NOT** to be used for pricing, ordering or construction.
- c. Should any discrepancies be identified between the 1:20 Manholes Construction Details and the Manhole Schedules these should be reported to both the Developer's Engineer and Betts Associates prior to any construction taking place.
- d. Should any discrepancies be identified between the Main Drainage Layout and the Domestic Drainage Layout these should be reported to both the Developer's Engineer and Betts Associates prior to any construction taking place.
- e. All manholes and main drainage to be constructed in accordance with the Standard 'Design and Construction Guidance - Appendix C' details
- f. All 1350mm Ø chamber rings to be 'Kitemarked'
- g. Concrete surround is required to manhole chamber rings unless otherwise proved
- h. All manhole lateral connections are to be made at soffit level to the main channel
- i. All adoptable manholes to have a class D400 cover.
- j. Ladders are to comply with Design and Construction Guide Clause E2.37.
- k. Rocker pipes are required at all inlet and outlet pipes to adoptable manholes, for rocker pipe length's refer to DCG Table E13



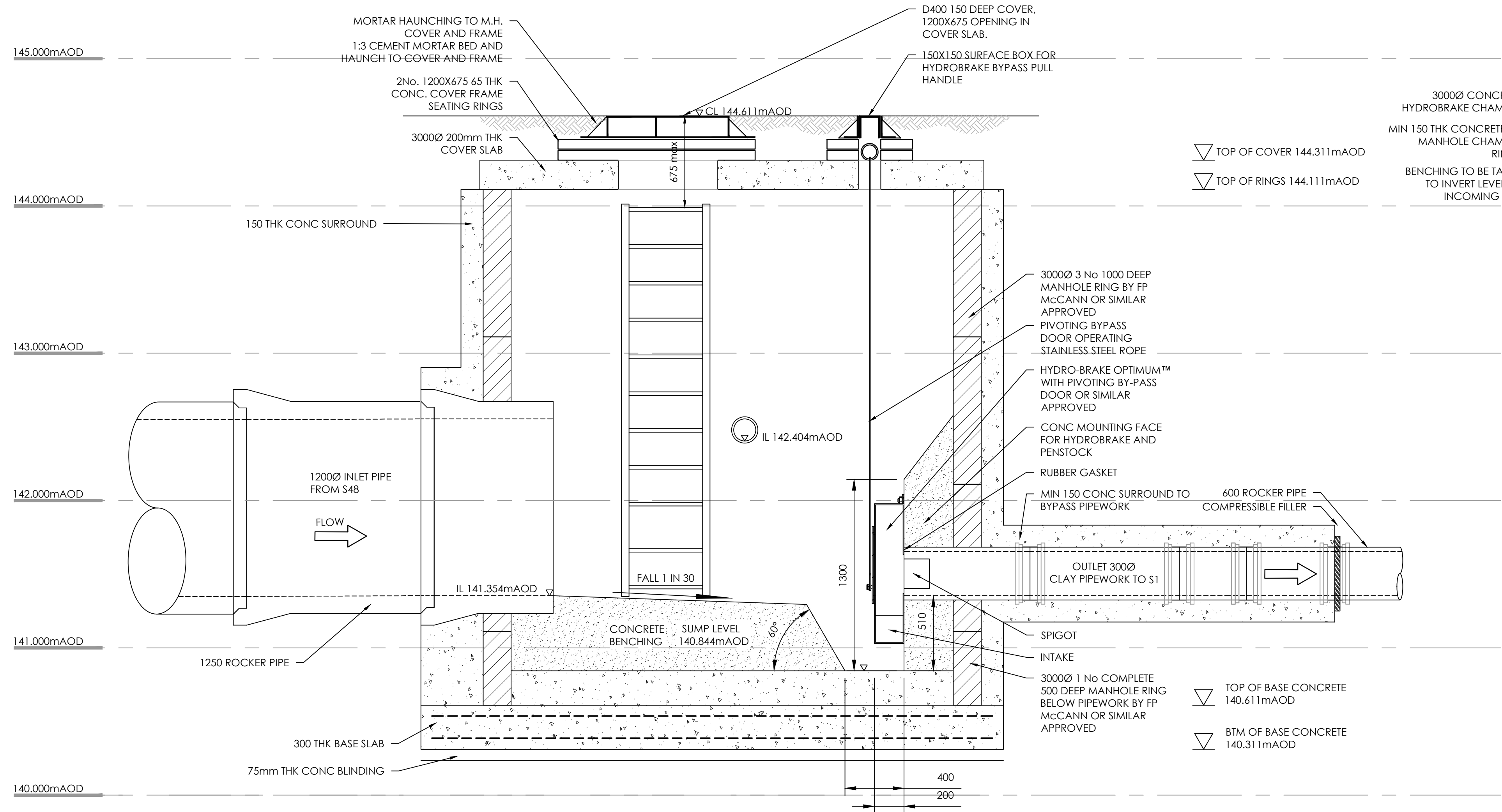
MANHOLE REF
COVER LEVEL
INVERT LEVEL
OUTGOING PIPE DIAMETER
DEPTH TO SOFFIT
DEPTH TO INVERT
MANHOLE TYPE
CHAMBER DIAMETER
OPENING SIZE
COVER & FRAME

ACCESS TYPE
MANHOLE CO-ORDINATES

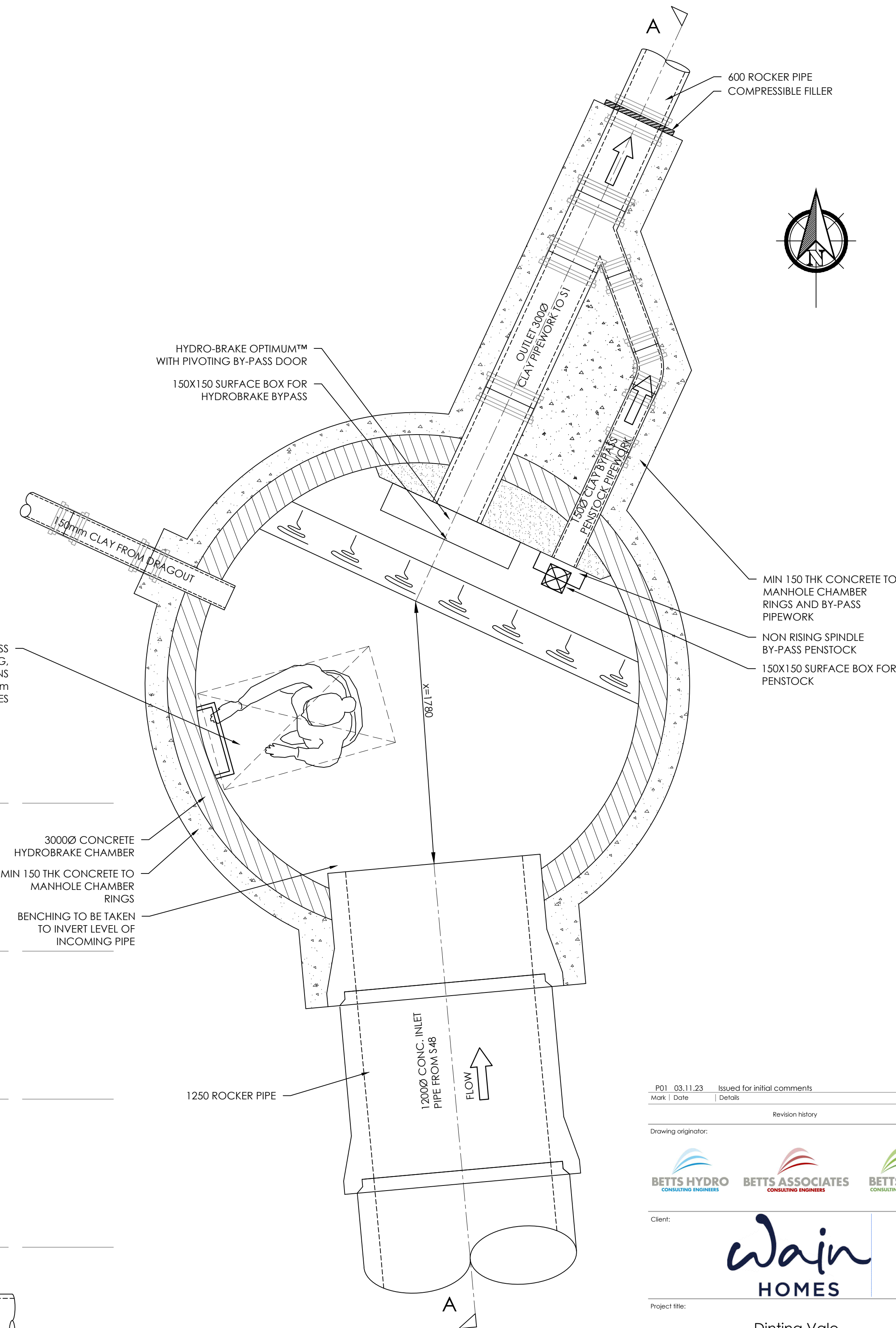
S47 Hydro-Brake Chamber
146.611mAO
141.354mAO
300mm
2.057m
3.257m
HYDROBRAKE
3000mm
1200mm x 675mm
1200mm x 675mm
x150mm deep
LADDER ACCESS
X = 401966.197E
Y = 394152.679N

HYDRO-BRAKE OPTIMUM™
WITH PIVOTING BY-PASS DOOR OR SIMILAR APPROVED

Technical Specification Criteria			
BBA Approved	Head (m)	Flow (L/s)	
Design Point	2.000	22.00	
PRODUCT ID CODE	SHE-0192-2200-2000-2200		



1200X675 D400 ACCESS COVER AND OPENING, DOUBLE STEP IRONS REQUIRED AT 250/300 mm CENTRES



Mark	Date	Issued for initial comments	NR
		Details	By

Revision history

Drawing originator:



Client:

Wain HOMES

Project title:

Dinting Vale
Glossop

Drawing title:

1:20 Manhole Detail
S47HB Hydrobrake Detail

Scale: 1:20 for the original size of A1

Drawn by: NR | Checked by: | Passed by: | Date: Nov' 23

Drawing status:

For Approval

Job No:	Drawing No:	Project	Origin	Volume	Level	Type	Disc.	Number	Revision:
WAI25	XX	BET	XX	XX	DR	C	1057	P01	