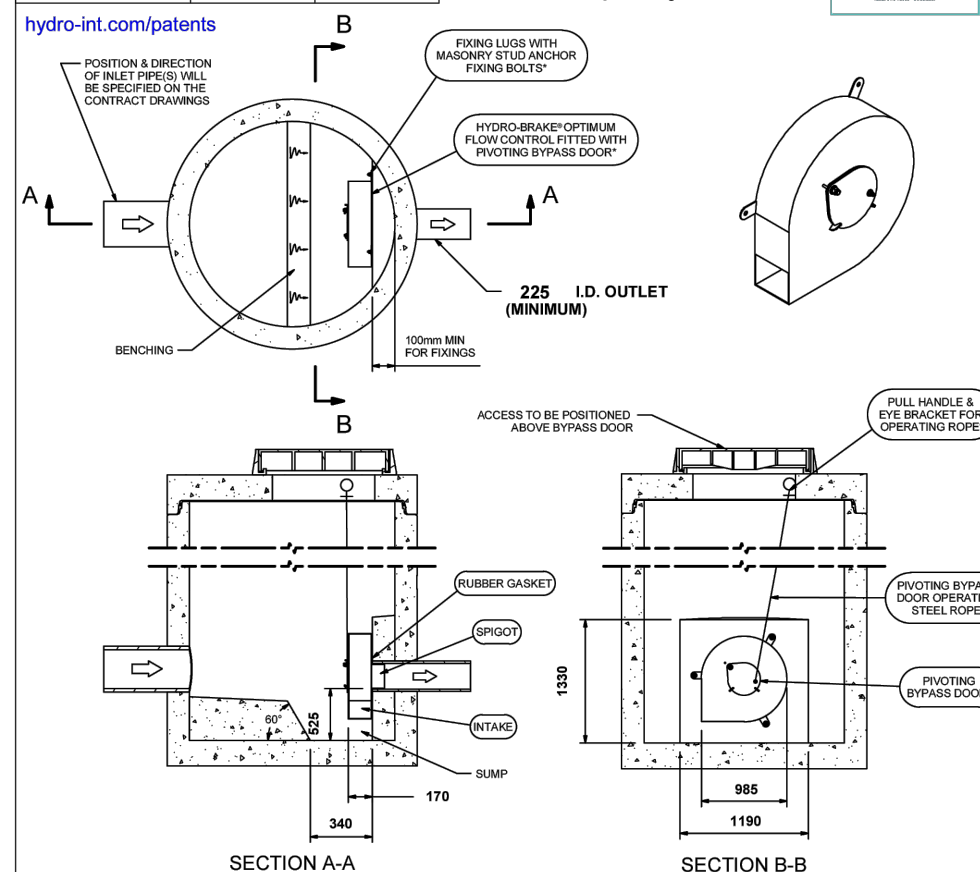


- 8 mm grade 304L stainless steel
- Integral stainless steel pivoting by-pass door allowing clear line of sight through to outlet, o/w stainless steel operating rope
- Beed blasted finish to maximise corrosion resistance
- Stainless steel fixings
- Rubber gasket to seal outlet
- Indicative Weight: 130 kg



DESIGN ADVISE 	The headflow characteristic of this SHE: 0163-1960-3350-1950 Hydro-Brake® Optimum Flow Control are unique. Dynamic hydraulic modelling evaluates the full headflow characteristic curve. The use of any other flow control will invalidate any design based on this data and constitute a flow risk.		 SHE-0163-1960-3350-1950 Hydro-Brake® Optimum
	DATE 30/10/2023 16:37		
	SITE DINTING VALE, GLOSSOP		
	DESIGNER Nicholas Richards		
	REF W225 - SSHB		

S5 Hydro-Brake Chamber
143.804mAOD
140.040mAOD
225mm
2.564m
3.764m
HYDROBRAKE
3000mm
1200mm x 675mm
1200mm x 675mm
x150mm deep
LADDER ACCESS
X = 401928.491E
Y = 394310.056N

ACCESS TYPE
MANHOLE CO-ORDINATES

Technical Specification Criteria		
BBA Approved	Head (m)	Flow (L/s)
Design Point	3.350	19.50
PRODUCT ID CODE SHE-0163-1950-3350-1950		



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 Belts 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 Belts 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 provided
- 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