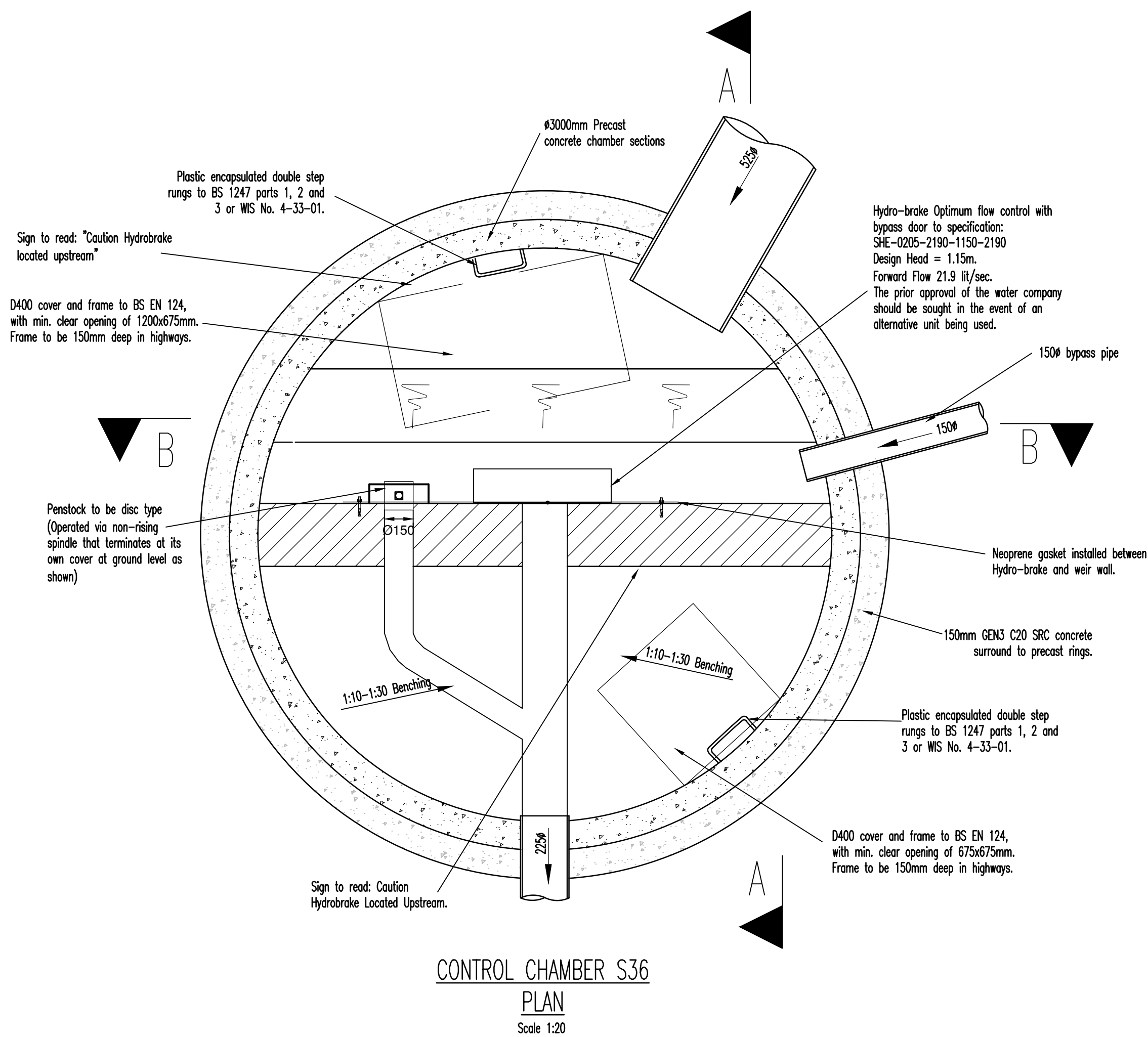
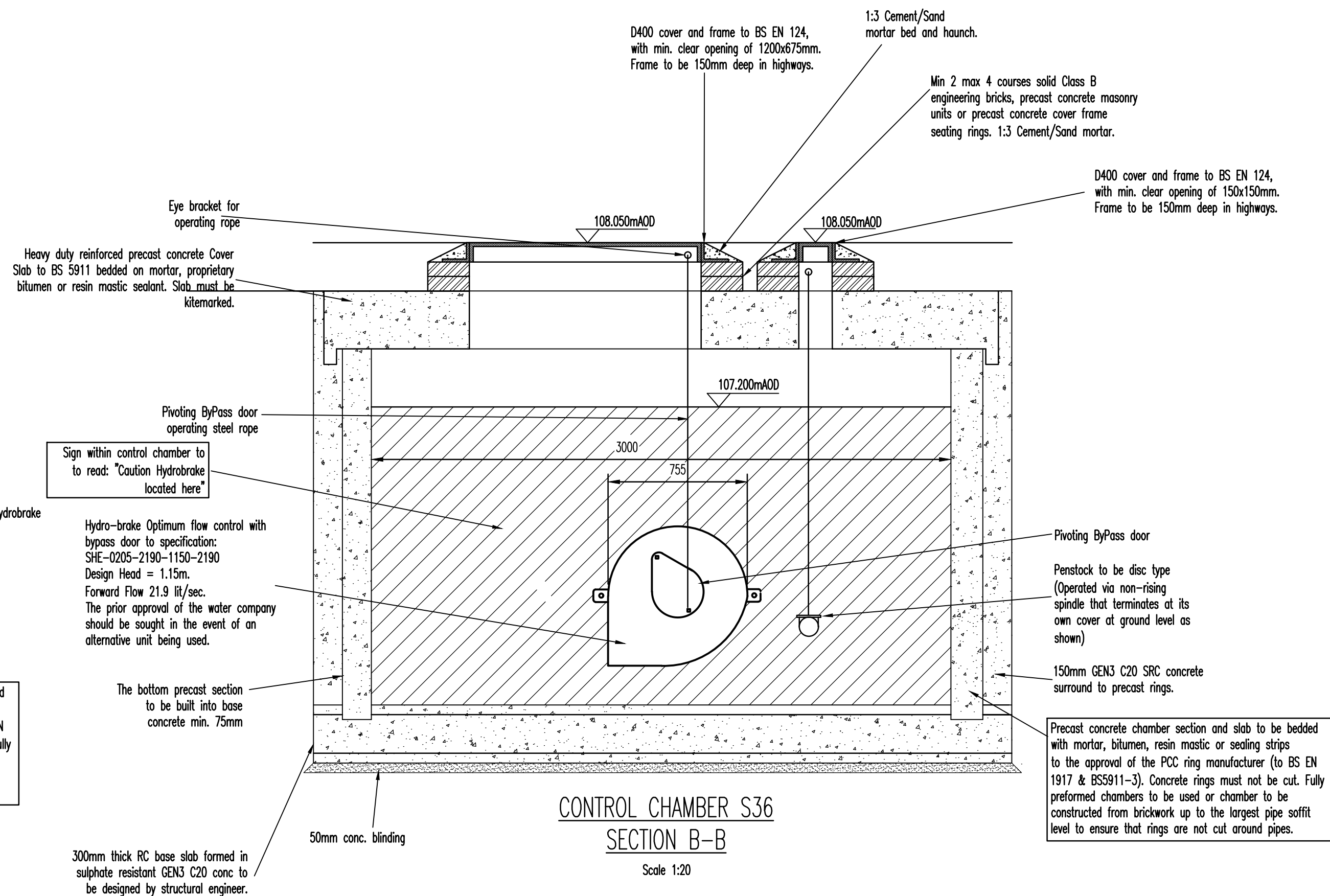
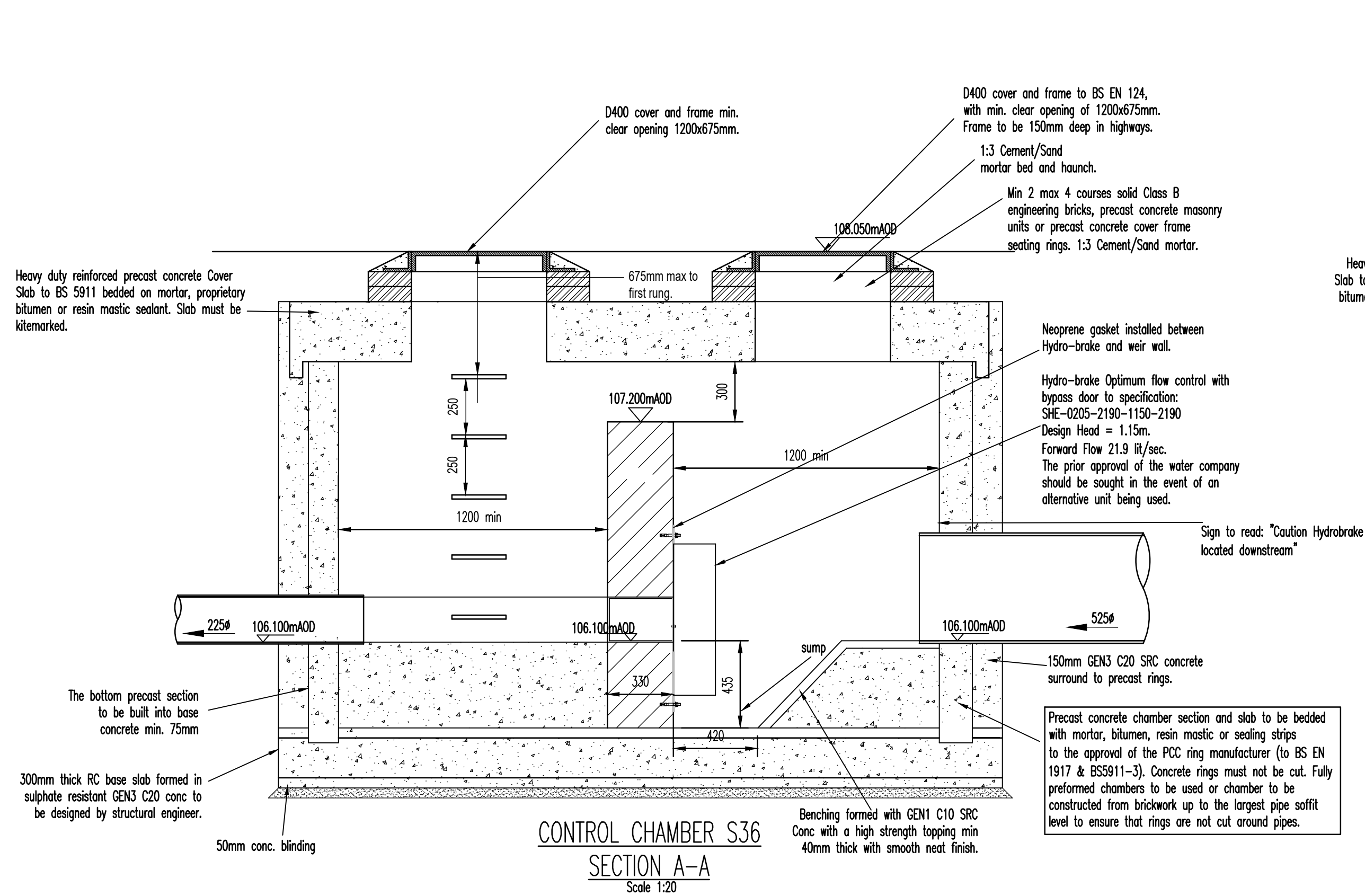
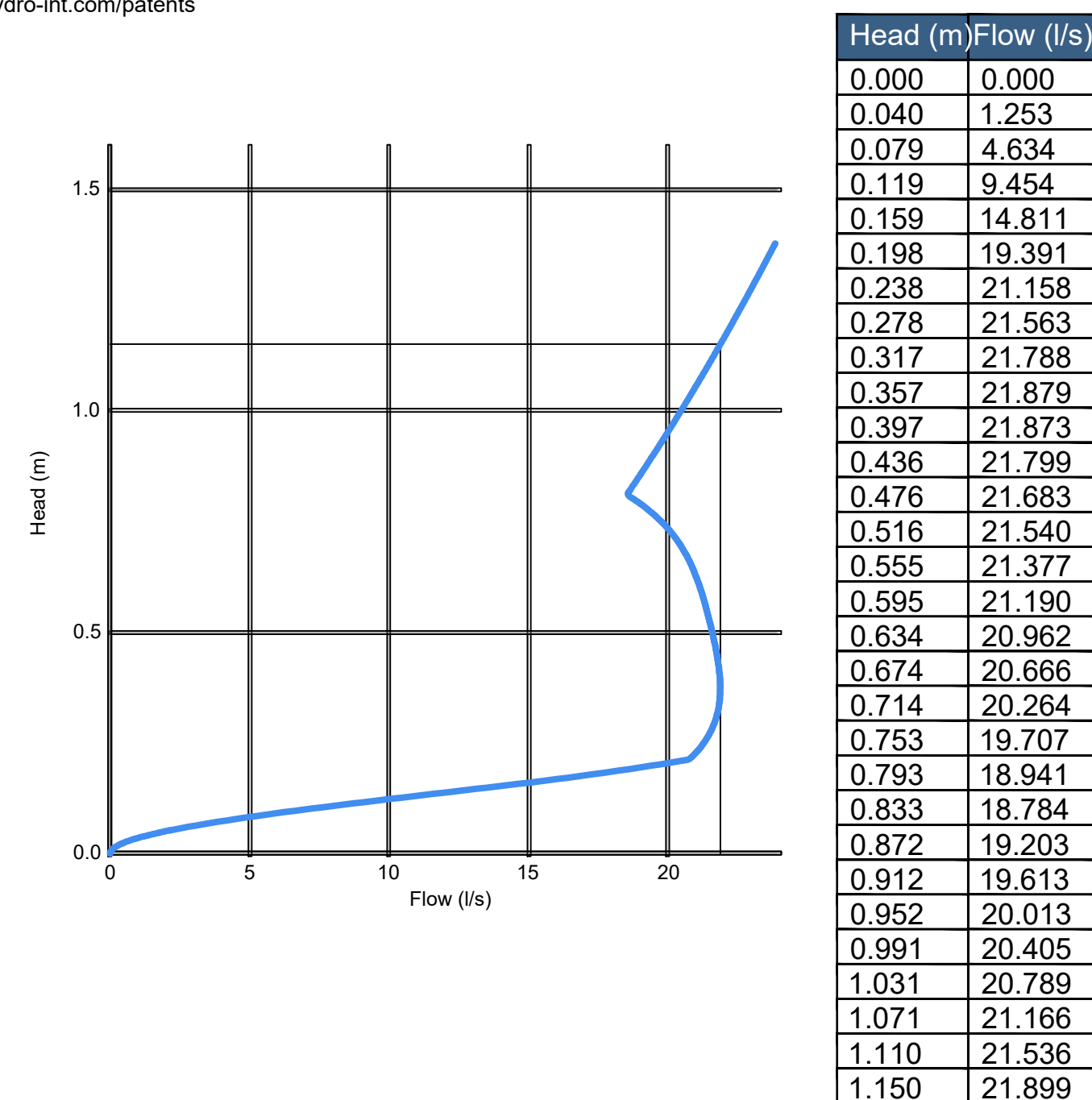




Technical Specification

Control Point	Head (m)	Flow (l/s)
Primary Design	1.150	21.900
Flush-Flo	0.373	21.886
Kick-Flo®	0.809	18.527
Mean Flow		18.587

hydro-int.com/patents



DESIGN ADVICE

The head/flow characteristics of this SHE-0205-2190-1150-2190 Hydro-Brake Optimum® Flow Control are unique. Dynamic hydraulic modelling evaluates the full head/flow characteristic curve.

The use of any other flow control will invalidate any design based on this data and could constitute a flood risk.



DATE	25/10/2022 08:11	SHE-0205-2190-1150-2190
Site	Lutterworth Road, Burbage	
DESIGNER	Matt Leask	Hydro-Brake Optimum®
Ref	PJS 21-065	

© 2018 Hydro International, Shearwater House, Clevedon Hall Estate, Victoria Road, Clevedon, BS21 7RD. Tel 01275 878371 Fax 01275 874979 Web www.hydro-int.com Email designtools@hydro-int.com

General Notes

- Do not scale this drawing. If in doubt, ask.
- This drawing is to be read in conjunction with all other relevant Engineers, Architects and specialist design drawings and details.
- All dimensions are in metres unless noted otherwise. All levels are in metres unless noted otherwise.
- Any discrepancies noted on site are to be reported to the Engineer immediately.
- Control chamber to be constructed in accordance with Severn Trent Water specification and DCG (The Code).
- Hydro-Brake Optimum control or similar approved. To be installed as per manufacturer's instructions.

A	15/12/22	Updated to suit approval application comments.	SS	ML
Rev	Date	Amendments	By	CHK

CPJS CONSULTING ENGINEERS
Delivering Innovative Solutions

PJS Consulting Engineers Limited, Geneva II, Lutterworth, Shearwater Business Park, Nottingham, NG15 0ED.
Registered number: 10815983 Tel 0115 704 3669 Email: Enquiries@pjs-oe.co.uk

Davidsons Homes

Project

Lutterworth Road, Burbage

Drawing Title

Control Chamber

Drawn			Checked	Status	Scale	
Initial	ML	TN	Approval			1:20
Date	25/10/22	25/10/22				
Project Number			Drawing Number			Revision
PJS21-065			DR-911			A