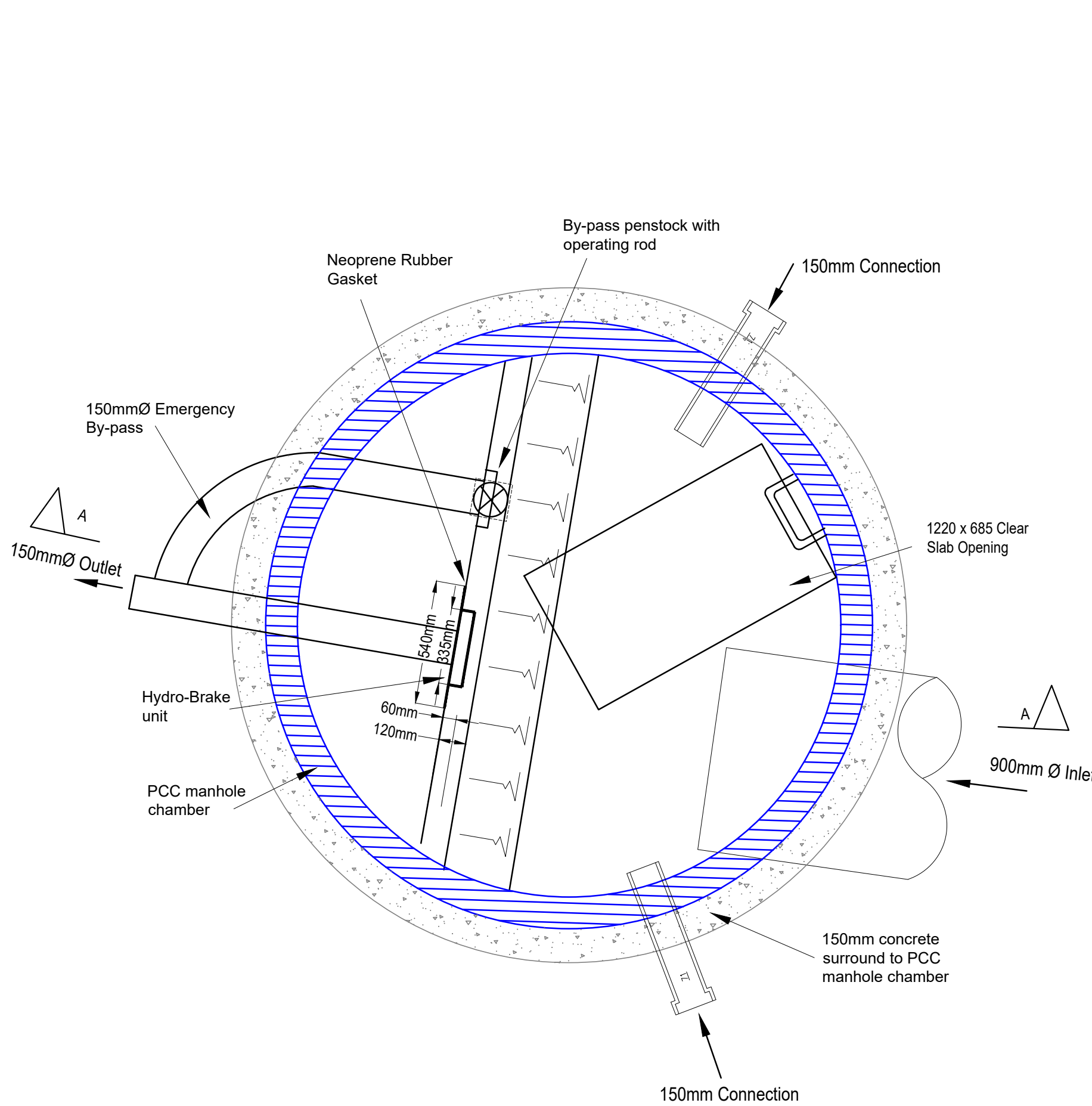
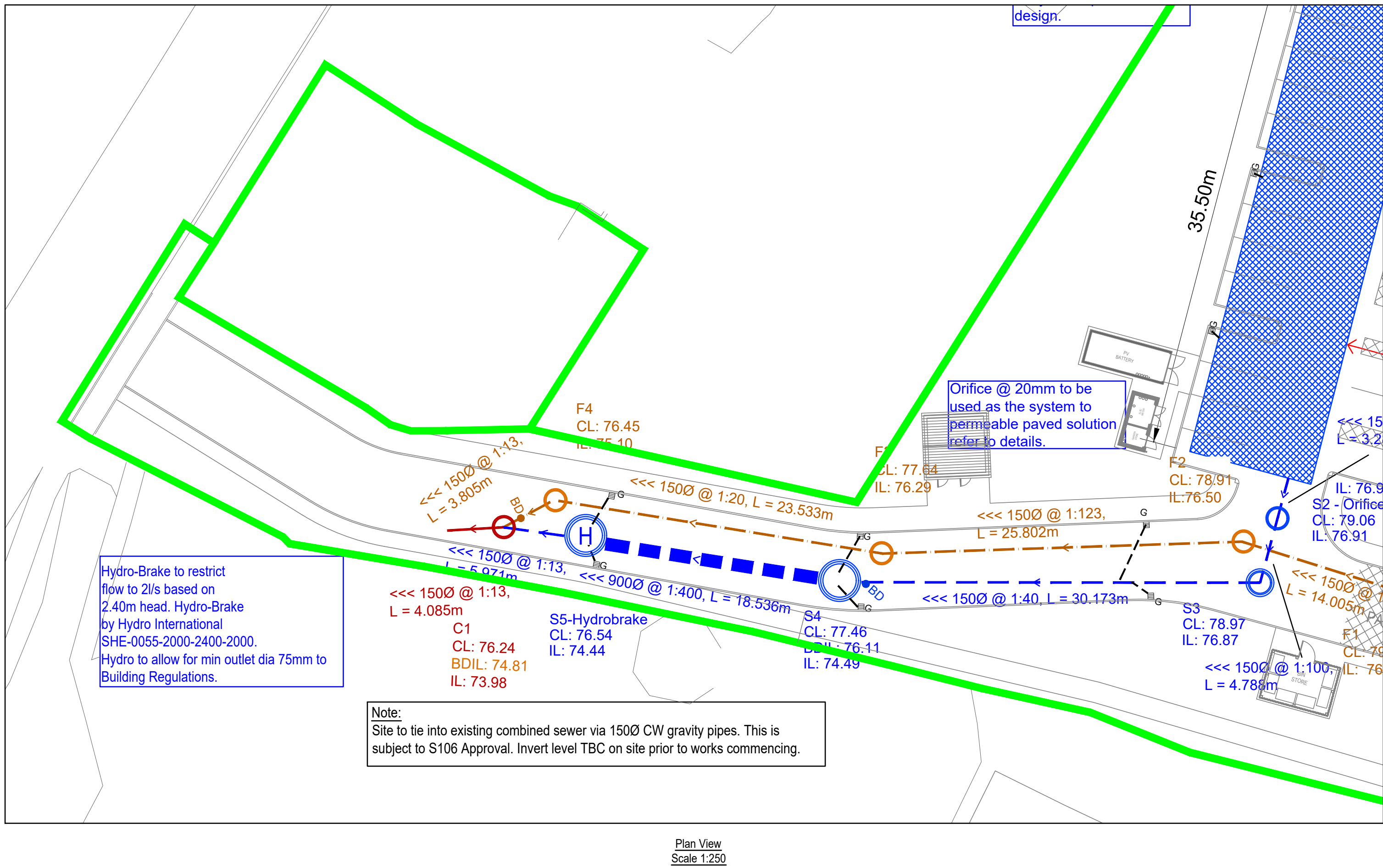
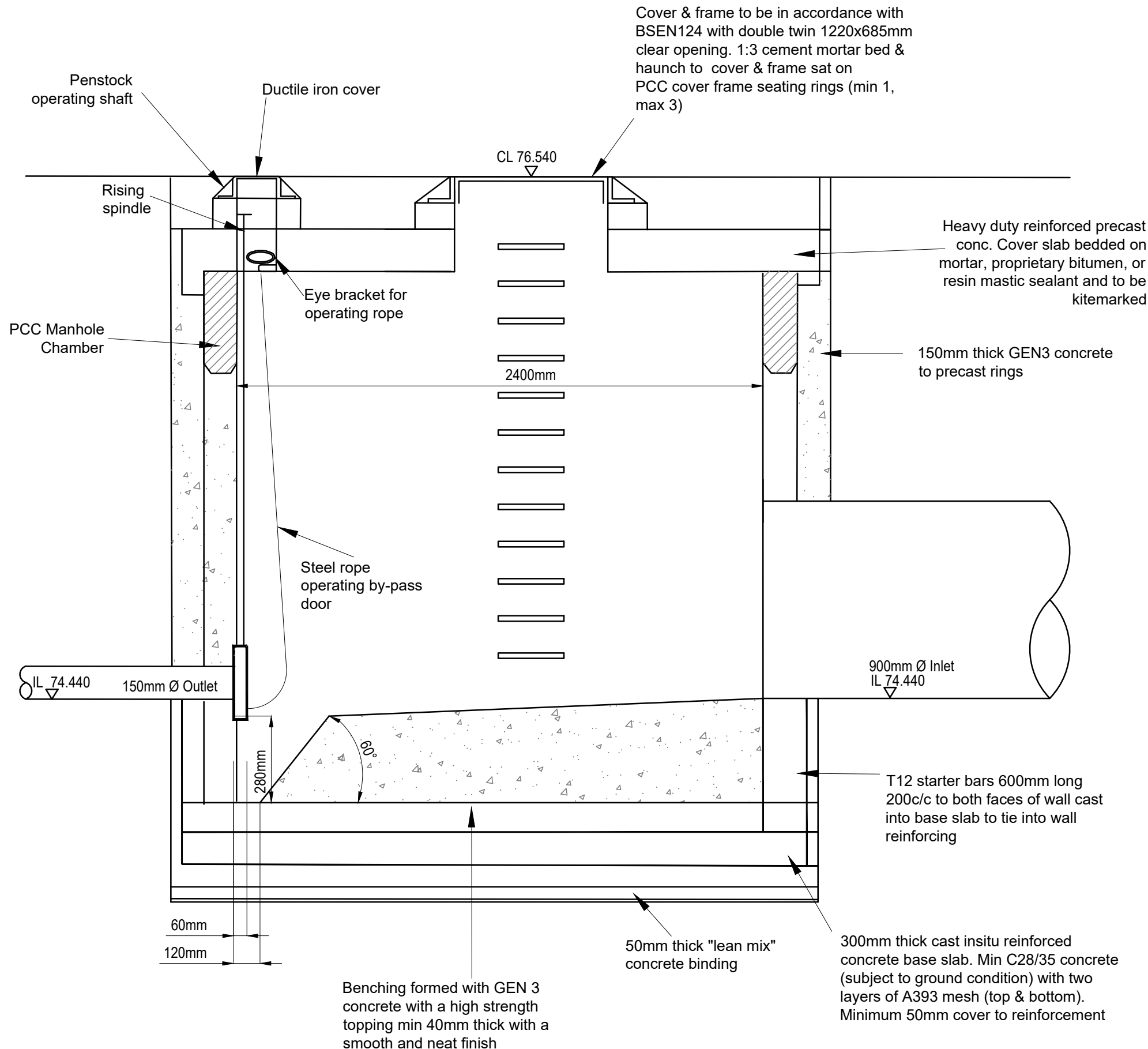


File location: L:\001_DBS LIVE\WIGAN\82667 - LAND BEAR OF OLD ROW, WHALLEY RD, BARROW LNT CONSTRUCTION\GRAPHIC\FRANTCH ENGINEERING LTD - DESIGN INFORMATION\FRANTCH ENGINEERING LTD - 10-08 HYDROBRAKE DETAIL.DWG



Hydrobrake Optimum
SHE-0055-2000-2400-2000
Hydrobrake
Dia. 2400
1220 x 685 Clear Slab Opening
1220 x 685 Cover Slab Opening
CL - 76.540
IL - 74.440
Depth to Soffit = 1.200m
Flow Control Manhole
Cover - D400

SW DISCHARGE RATE
RESTRICTED TO 2.000 l/s



Note: Use of any other flow control device not associated with the Hydro International reference SHE-0055-2000-2400-2000 may constitute a flood risk and the Engineer should be contacted to check if an alternative device will work with the design model

Note:
Site to tie into existing combined sewer via 150Ø CW gravity pipes. This is subject to S106 Approval. Invert level TBC on site prior to works commencing.

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

1. This drawing is to be read in conjunction with the standard details, the layouts, schedules and specifications for the development.
2. For drainage notes, refer to RSK drawing 10-01.
3. For Hydro-Brake details refer to Hydro International reference SHE-0055-2000-2400-2000. The Contractor is to install the Hydro-Brake in accordance with manufacturer's installation details.
4. Hydro-brake to be installed in accordance with manufacturer's details and specifications.
5. All levels quoted are in metres AOD.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P2	04.10.23	Updated to new layout and receipt of existing sewer records		MS	
P1	01.06.23	First Issue		MH	MS

RSK

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Web: www.rsk.co.uk

Client	LNT Construction
Project Title	Whalley Road Barrow

Status	INFORMATION
Drawing Title	Hydrobrake Detail

Drawn	Date	Checked	Date	Approved	Date
MH	May 23	MS	May 23		
Scale	1:20	Orig Size	A1	Dimensions	
Project No.	882667	Drawing File			
Drawing No.	10-08	Rev.	P2		