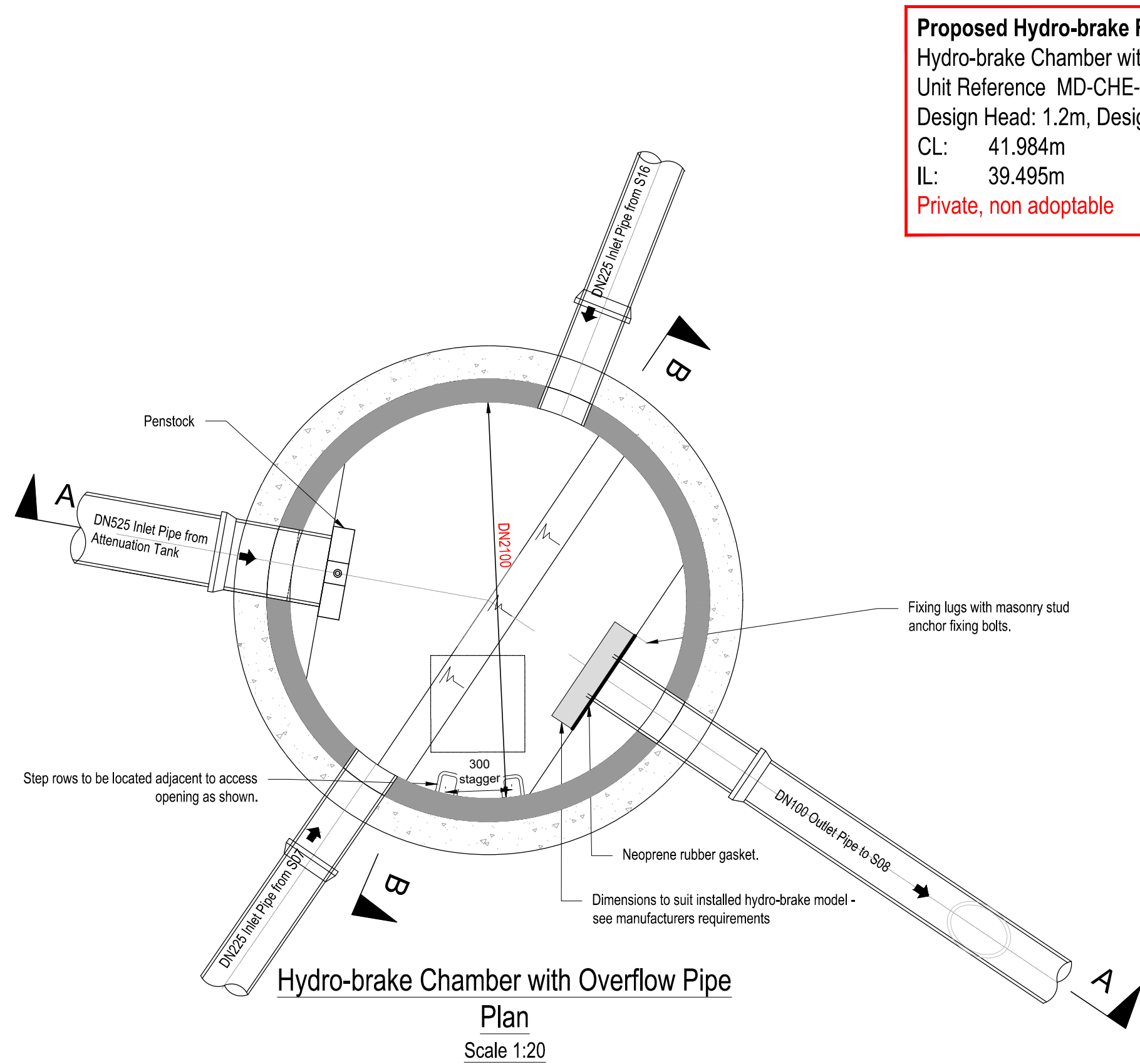
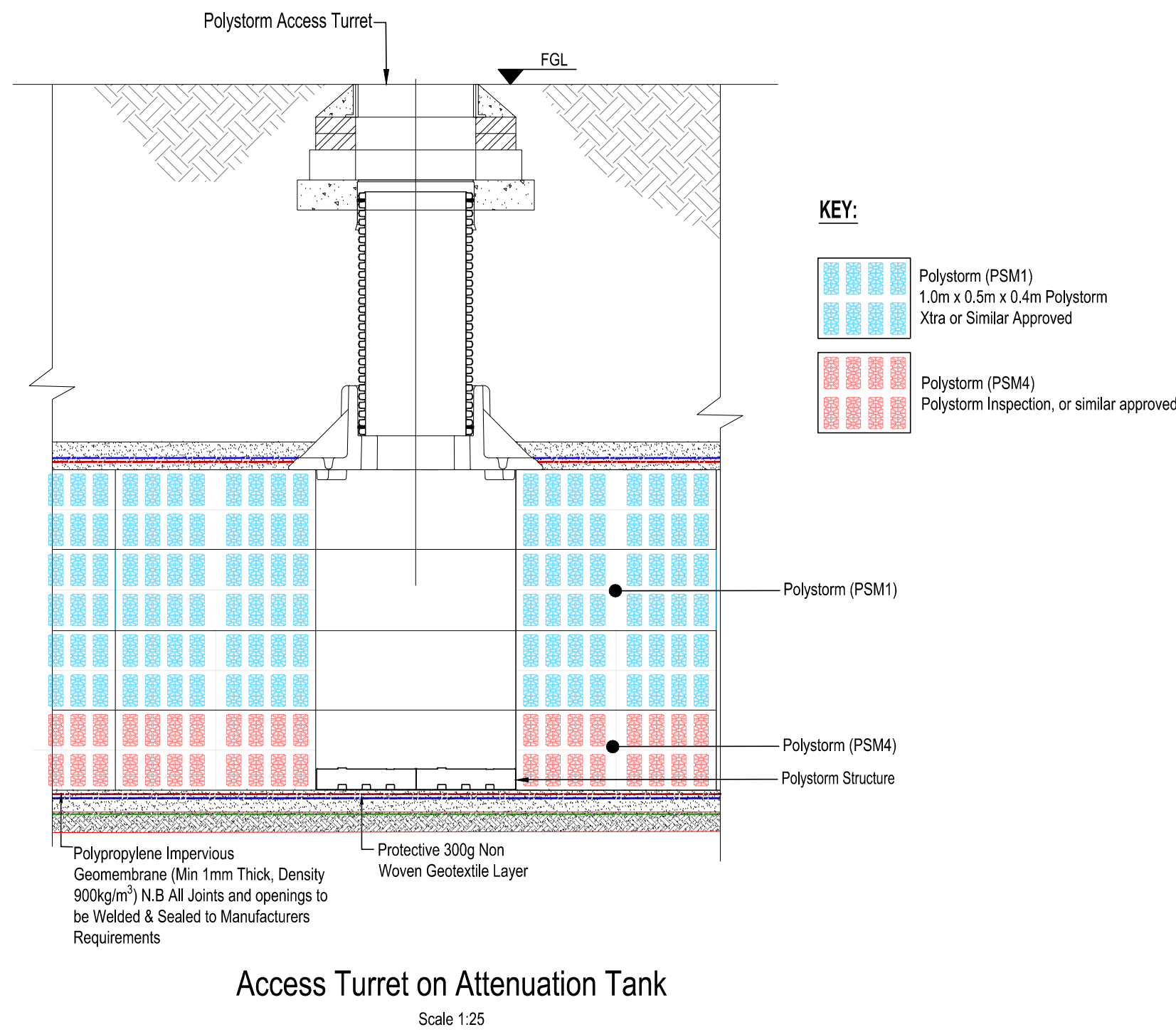
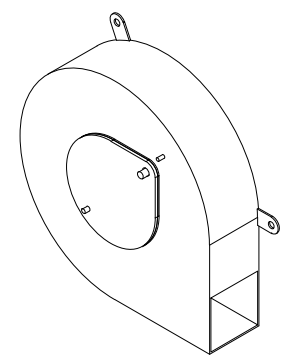


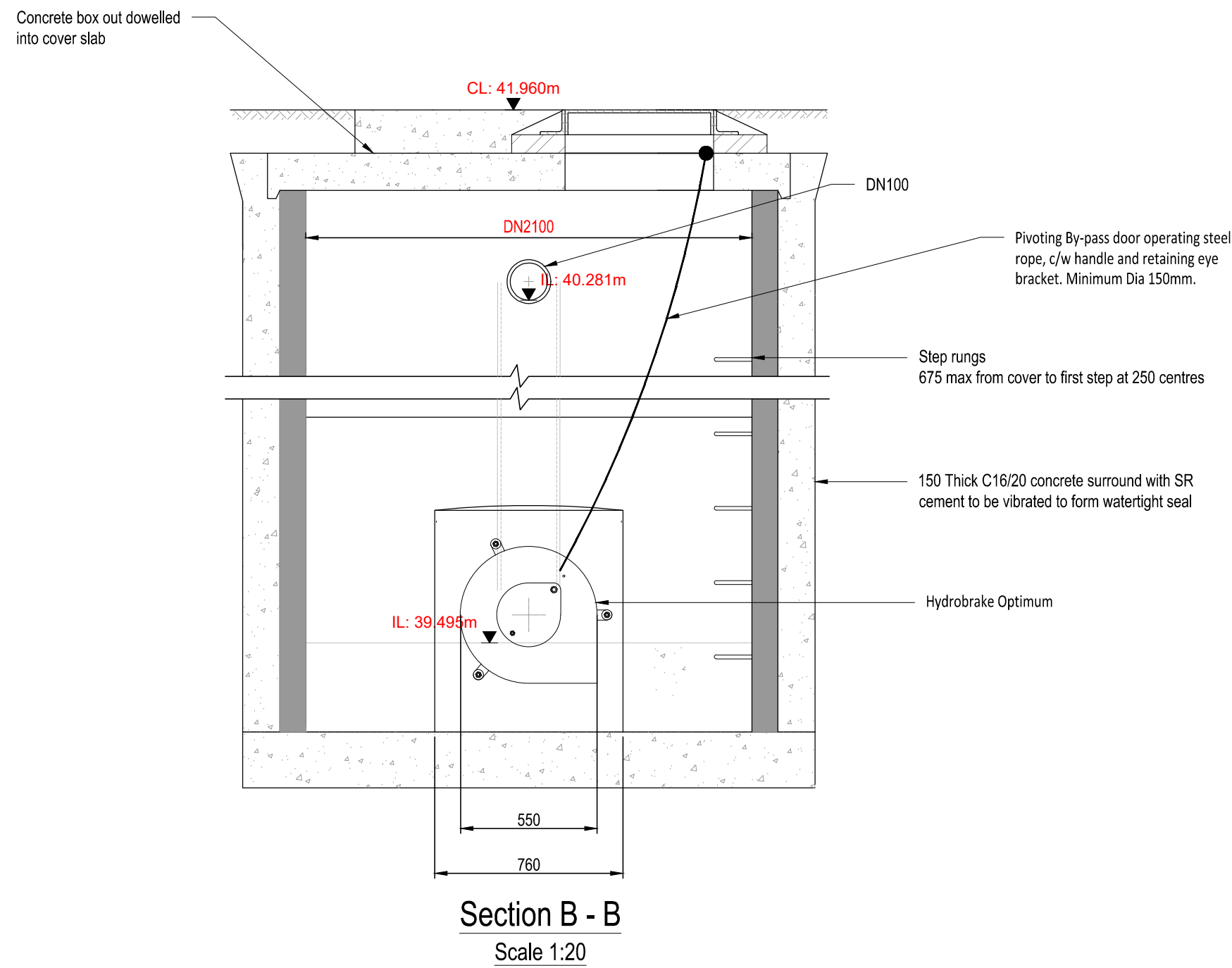
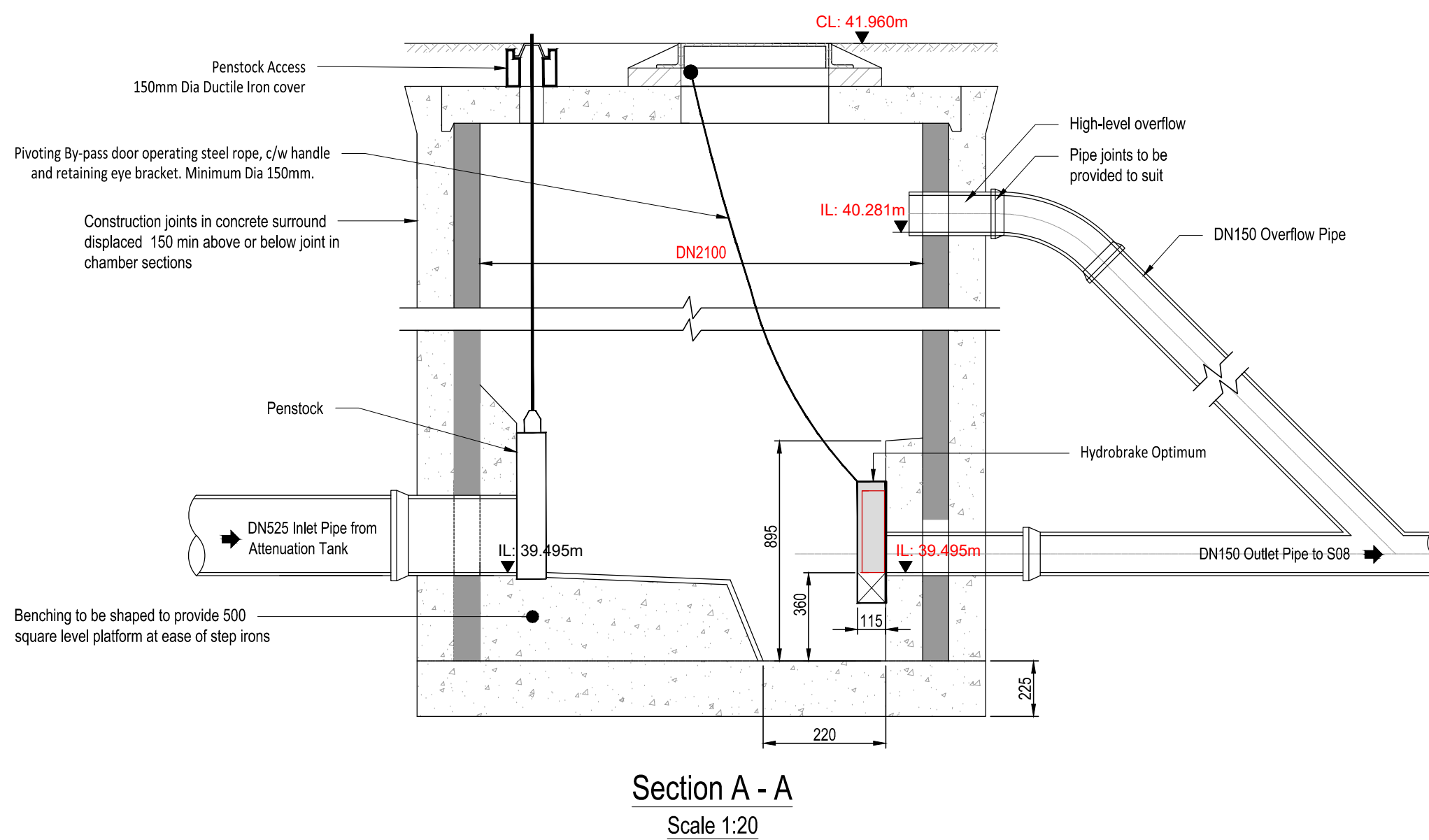


Note - A pre-formed hydro-brake® chamber base is available from hydro international with hydro-brake optimum pre-fitted



Safety, Health & Environmental Information:	
In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below,	
	INDICATES A RESIDUAL RISK AS A WARNING
	INDICATES A RESIDUAL RISK FOR INFORMATION
and described below:	
Construction/Maintenance/Cleaning/Demolition Refer to Drawing:	

- General Notes:**
- Do not scale from this drawing.
 - All dimensions are in meters (m), all levels in metres (m) unless noted otherwise.
 - Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
 - Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
 - The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
 - The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
 - This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.



P05	DHINS	08.01.2026	Updated to external design review comments.
P04	DHINS	04/12/2025	Chamber details updated
P03	DHINS	08/10/2025	Chamber details updated
P02	DHINS	11/06/2025	Chamber details updated
P01	DHINS	13/11/2024	Preliminary issue
Rev	By / Chkd	Date	Description

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client	HVGS High Voltage Grid Services	Unit C Hambrook Business Park The Stream Hambrook Bristol BS16 1RQ www.hvgs.co.uk
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BarnsleyMarshall Limited 485 Prior Wharf Harris Business Park, Hanbury Rd Stoke Prior, Bromsgrove B604FG Tel: 01905 330550 Email: design@barnsleymarshall.co.uk Website: www.barnsleymarshall.co.uk	BarnsleyMarshall
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Project
**Battery Energy Storage System,
Kirkby Substation, Coopers Lane,
Liverpool, L33 7TT**

Drawings
**Drainage Details 04
Hydro-brake with Overflow pipe
& Penstock**

By	SLW/JP	Date	08/08/2024
Drawing No.	KIRK-BML-XX-XX-DR-C-0513	Revision	P05
BML Job No.	1126-01	Status	-
Drawing Scale at A1: 1:250			
CAD Filename: ZWG02\Drawings\BML-XX-XX-DR-C-0513\04 Drainage Details.dwg			