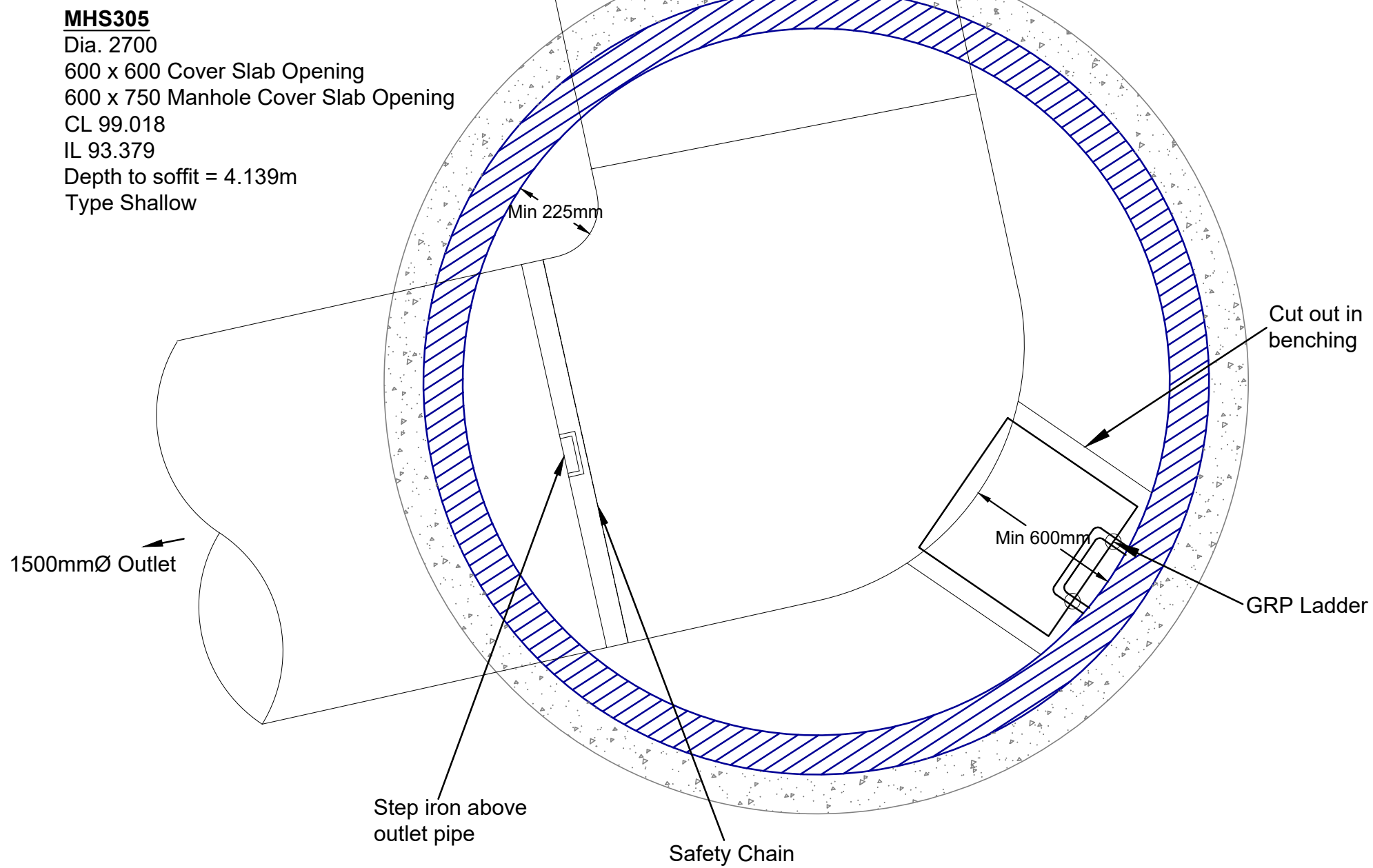
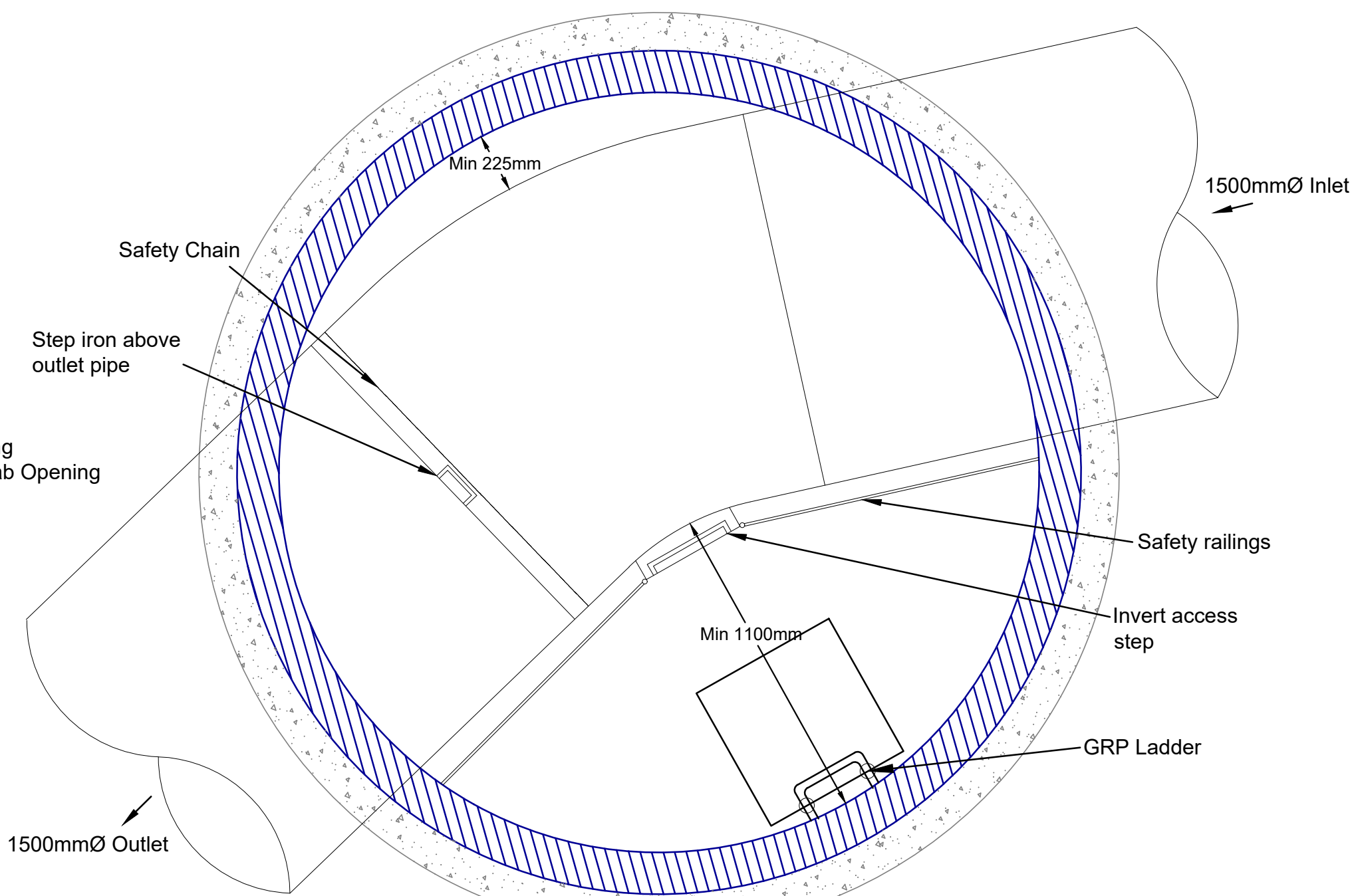


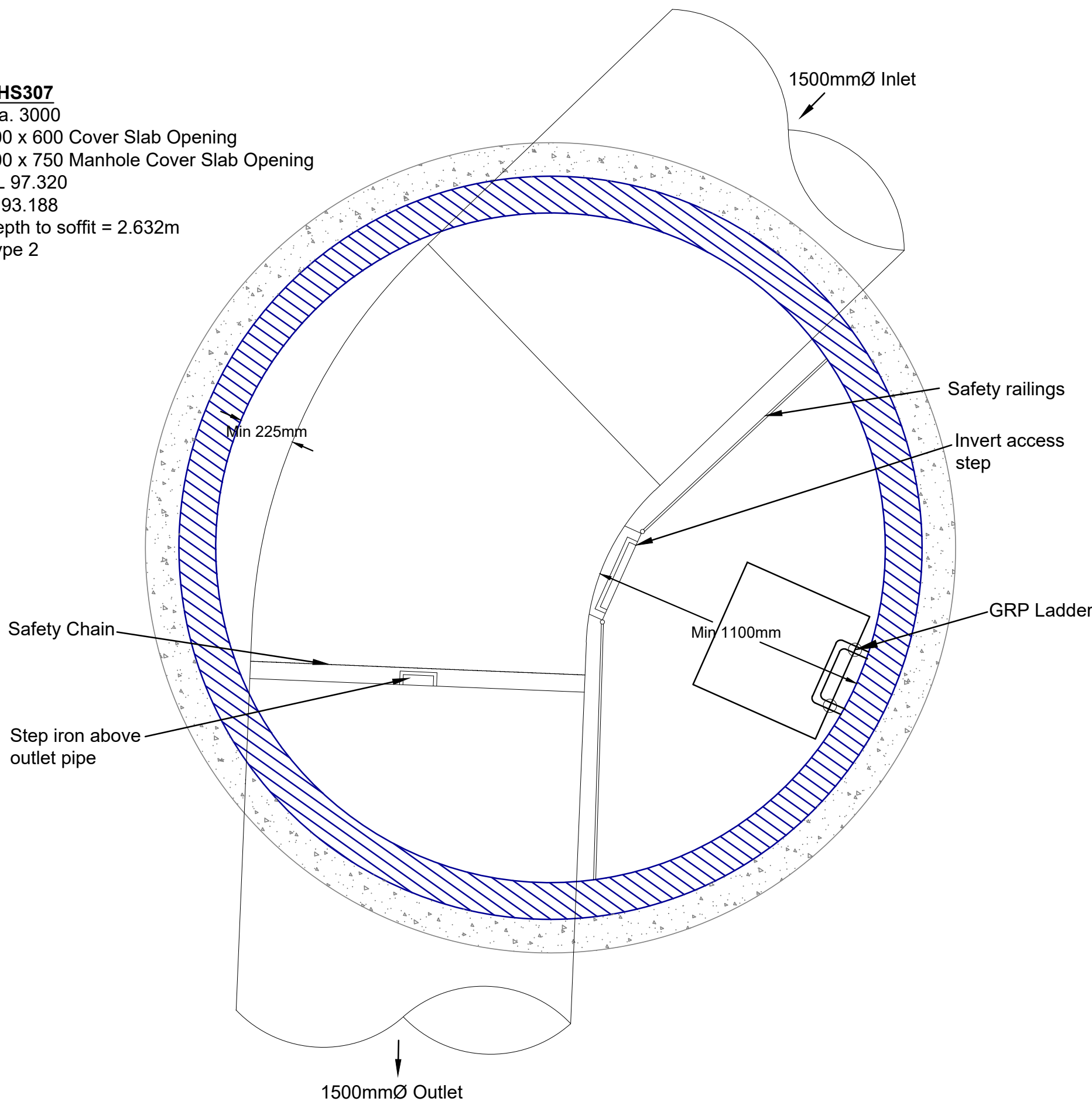
File Location: L:\001_JOBS LIVE\WGAN\82333 - DON STREET, MIDDLETON KELLEN HOMES\GRAPH\INFRASTRUCTURE\40-17_SW_1:20_MANHOLE_DETAILS.DWG



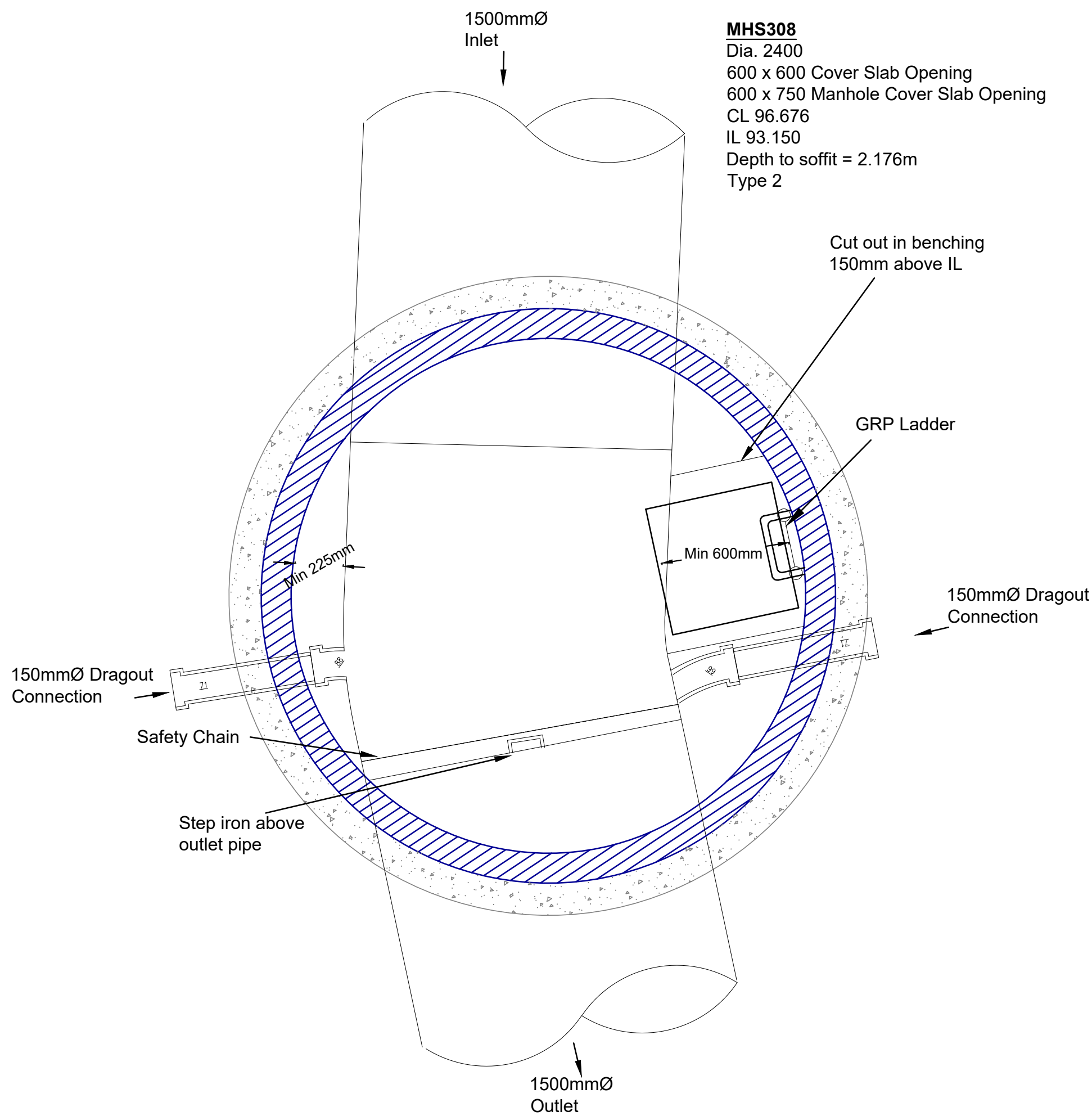
MHS306
Dia. 3000
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 97.965
IL 93.258
Depth to soffit = 3.207m
Type 2



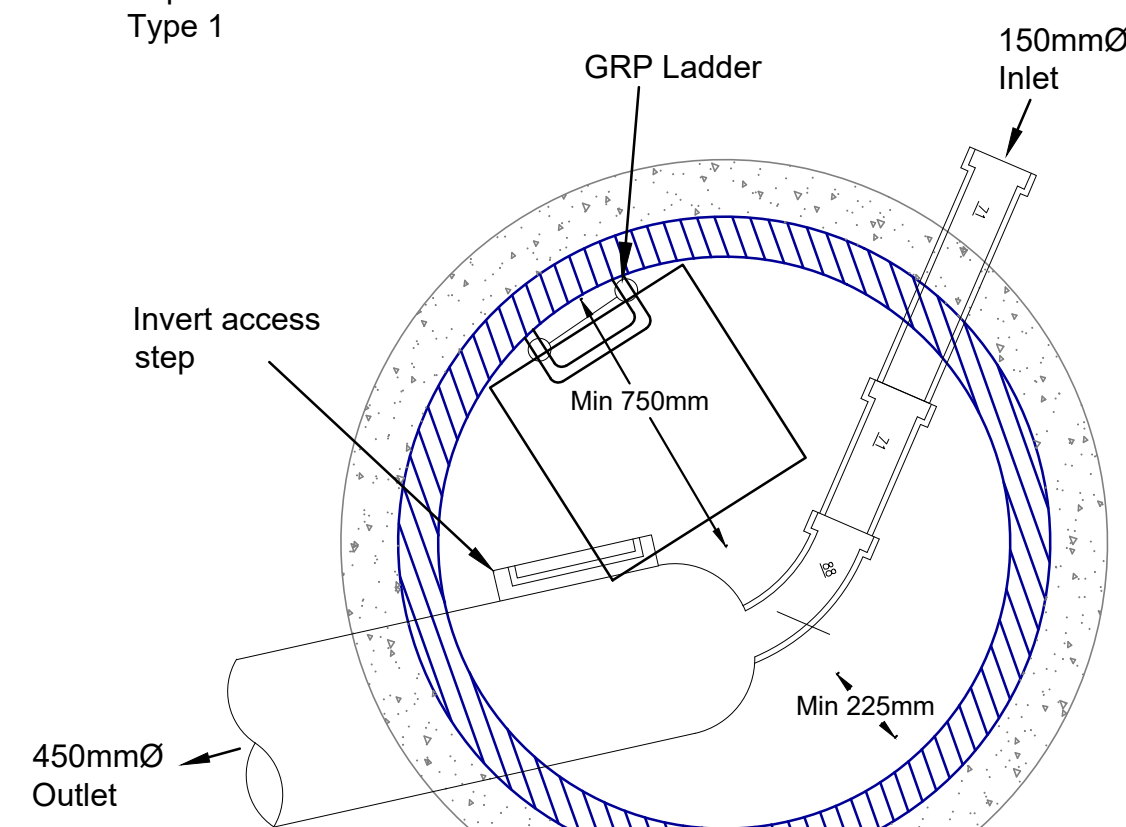
MHS307
Dia. 3000
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 97.320
IL 93.188
Depth to soffit = 2.632m
Type 2



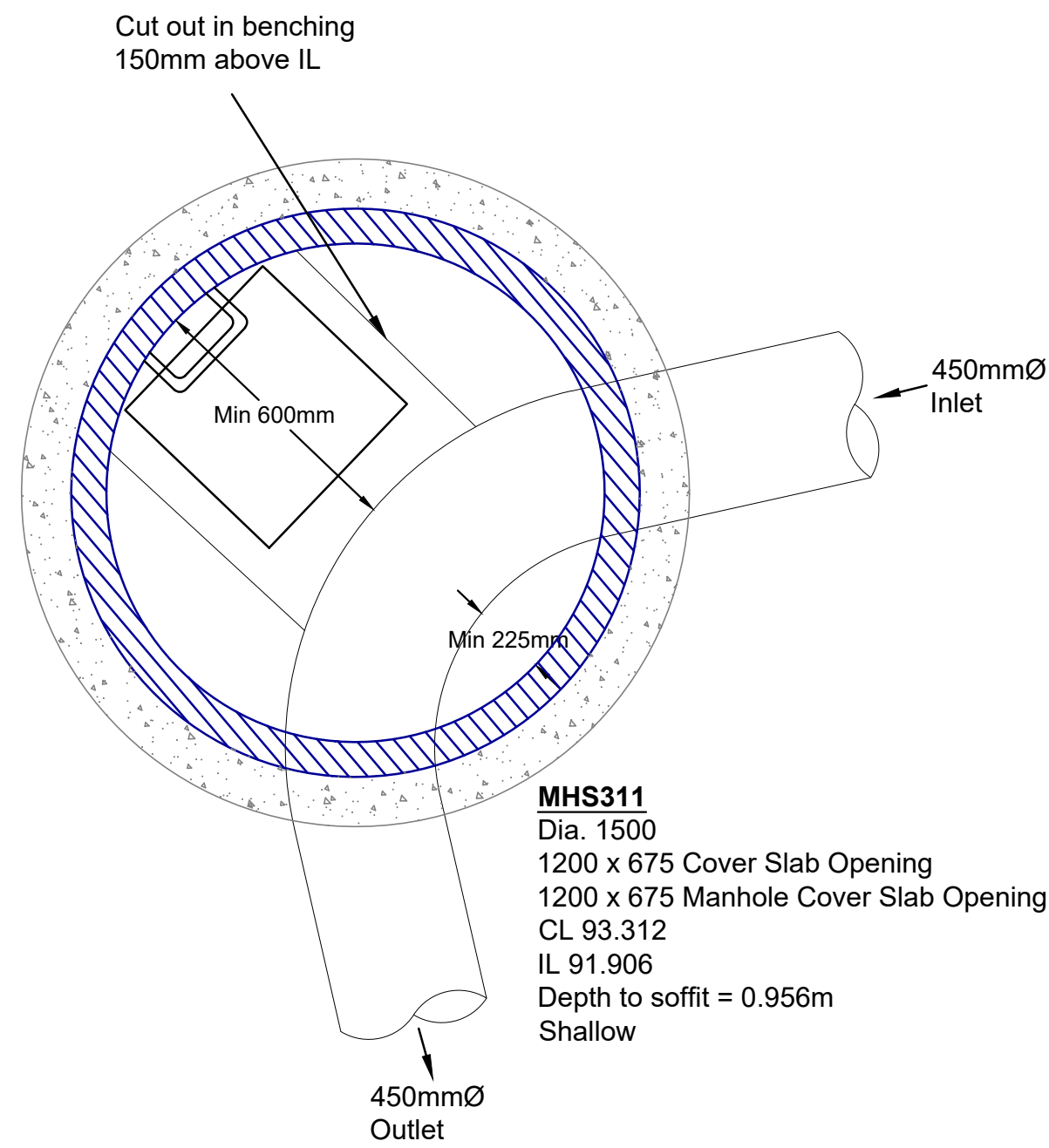
MHS308
Dia. 2400
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 96.676
IL 93.150
Depth to soffit = 2.176m
Type 2



MHS310
Dia. 1500
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 95.207
IL 92.020
Depth to soffit = 2.737m
Type 1



MHS311
Dia. 1500
1200 x 675 Cover Slab Opening
1200 x 675 Manhole Cover Slab Opening
CL 93.312
IL 91.906
Depth to soffit = 0.956m
Shallow



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

- This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings.
- All levels quoted are in metres A.O.D.
- Concrete surround to chambers is shown indicatively for completeness. The Contractor shall satisfy himself that ground conditions at each manhole location are suitable such that the concrete surround is not required. RSK bears no responsibility for the Contractor's assessment of ground conditions.

ROCKER PIPES TO BE INSTALLED AT EACH ENTRY POINT INTO MANHOLE CHAMBER. ROCKER PIPES TO BE IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAILS

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
P6	25.05.22	Updated to suit layout Rev AL	MS		
P5	08.02.22	Updated to suit latest drainage design	LGS	MS	
P4	27.01.22	Revised to new planning layout Rev X	AP	MS	
P3	09.11.21	Updated to suit latest drainage design	LGS	MS	
P2	26.07.21	Revised to new planning layout rev P	ADP	MS	
P1	12.07.21	First Issue	EP	MS	

RSK

LAND & DEVELOPMENT ENGINEERING LTD

Spring Lodge
172 Chester Road
Helsby
Cheshire, WA6 0AR
United Kingdom

Tel: +44 (0) 1928 726006
Fax: +44 (0) 1928 725633
Email: ide@rsk.co.uk
Web: www.rsk.co.uk

Client	Kellen Homes				
Project Title	Don Street Middleton				
Status	Detailed Design				
Drawing Title	SW 1:20 Manhole Details Sheet 4 of 7				
Drawn	Date	Checked	Date	Approved	Date
EP	JULY '21	MS	JULY '21		
Scale	Orig Size	Dimensions			
1:20	A1				
Project No.		Drawing File			
882333					
Drawing No.					Rev.
40-17-04					P6