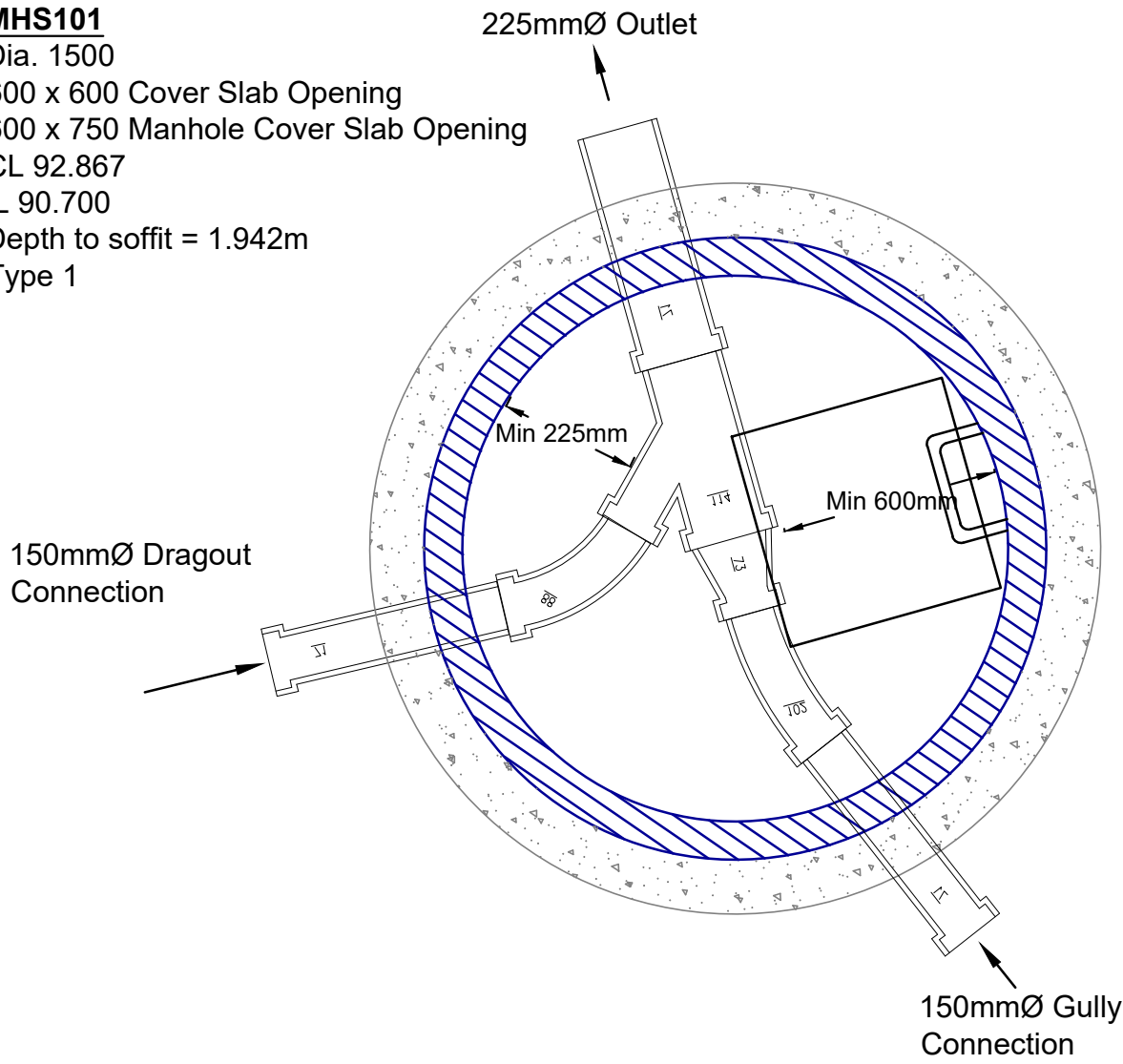
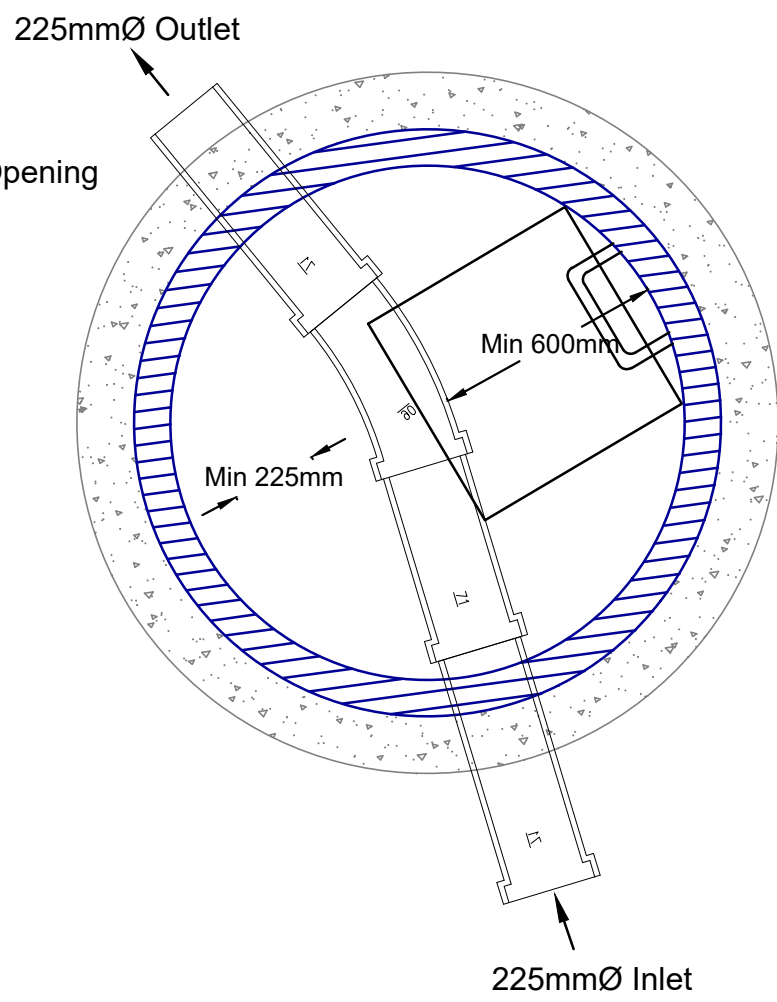


File Location: L:\001_JOBS LIVE\WGAN\82333 - DON STREET, MIDDLETON KELLEN HOMES\GRAPH\INFRASTRUCTURE\40-17_SW 1:20 MANHOLE DETAILS.DWG

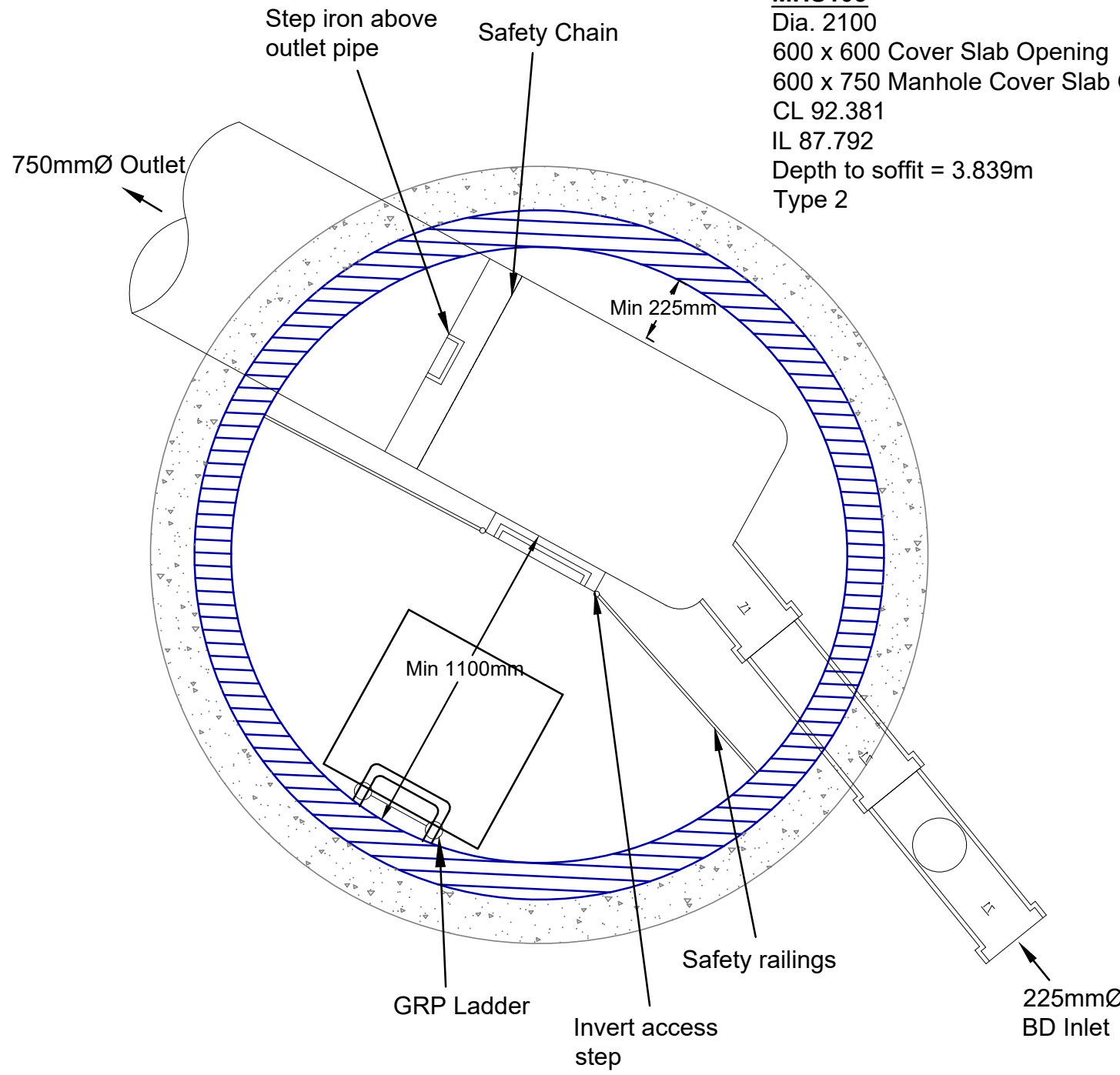
MHS101
Dia. 1500
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 92.867
IL 90.700
Depth to soffit = 1.942m
Type 1



MHS102
Dia. 1350
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 92.717
IL 90.598
Depth to soffit = 1.894m
Type 1



MHS103
Dia. 2100
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 92.381
IL 87.792
Depth to soffit = 3.839m
Type 2



CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

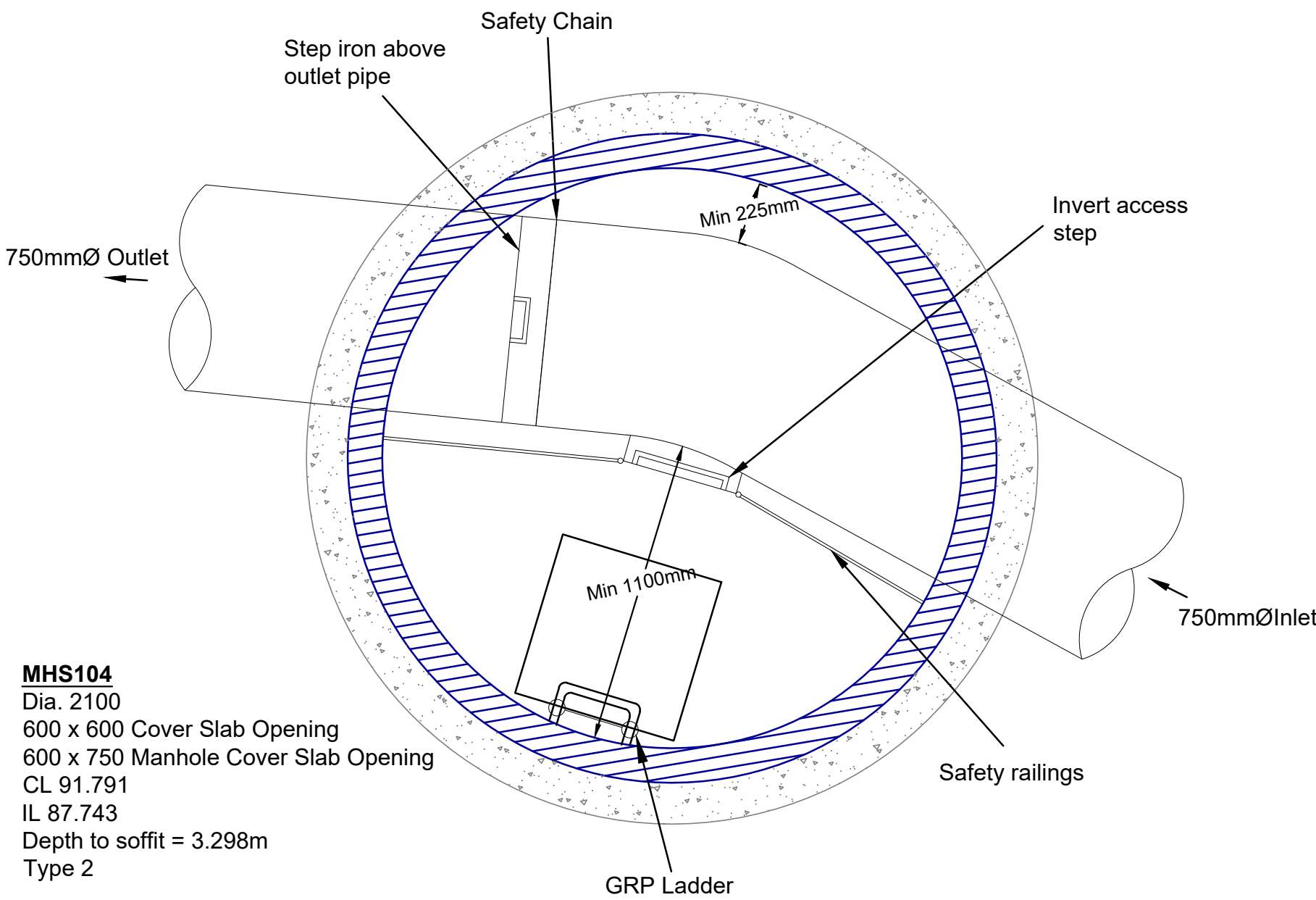
Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

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.

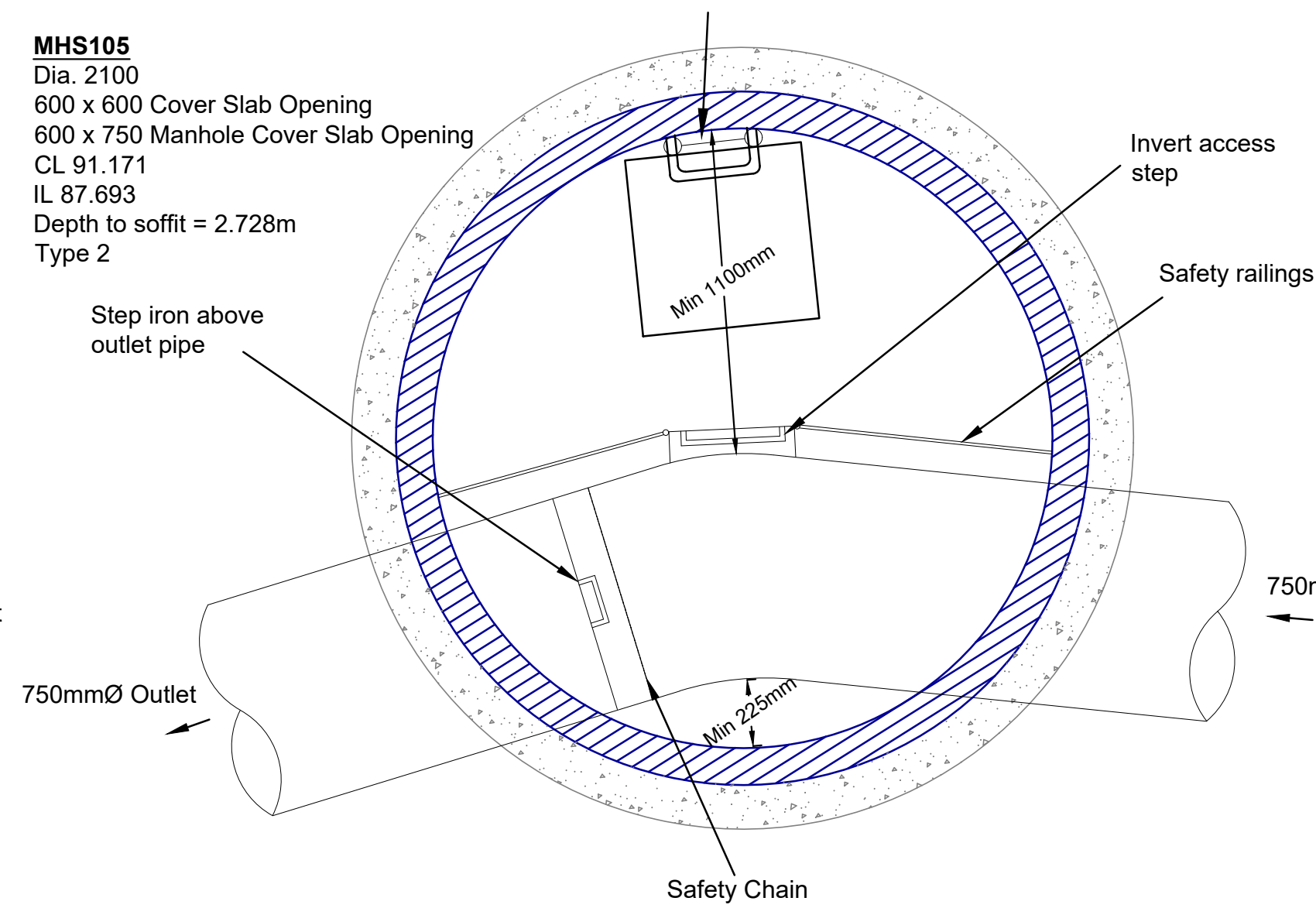
Notes

- 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.

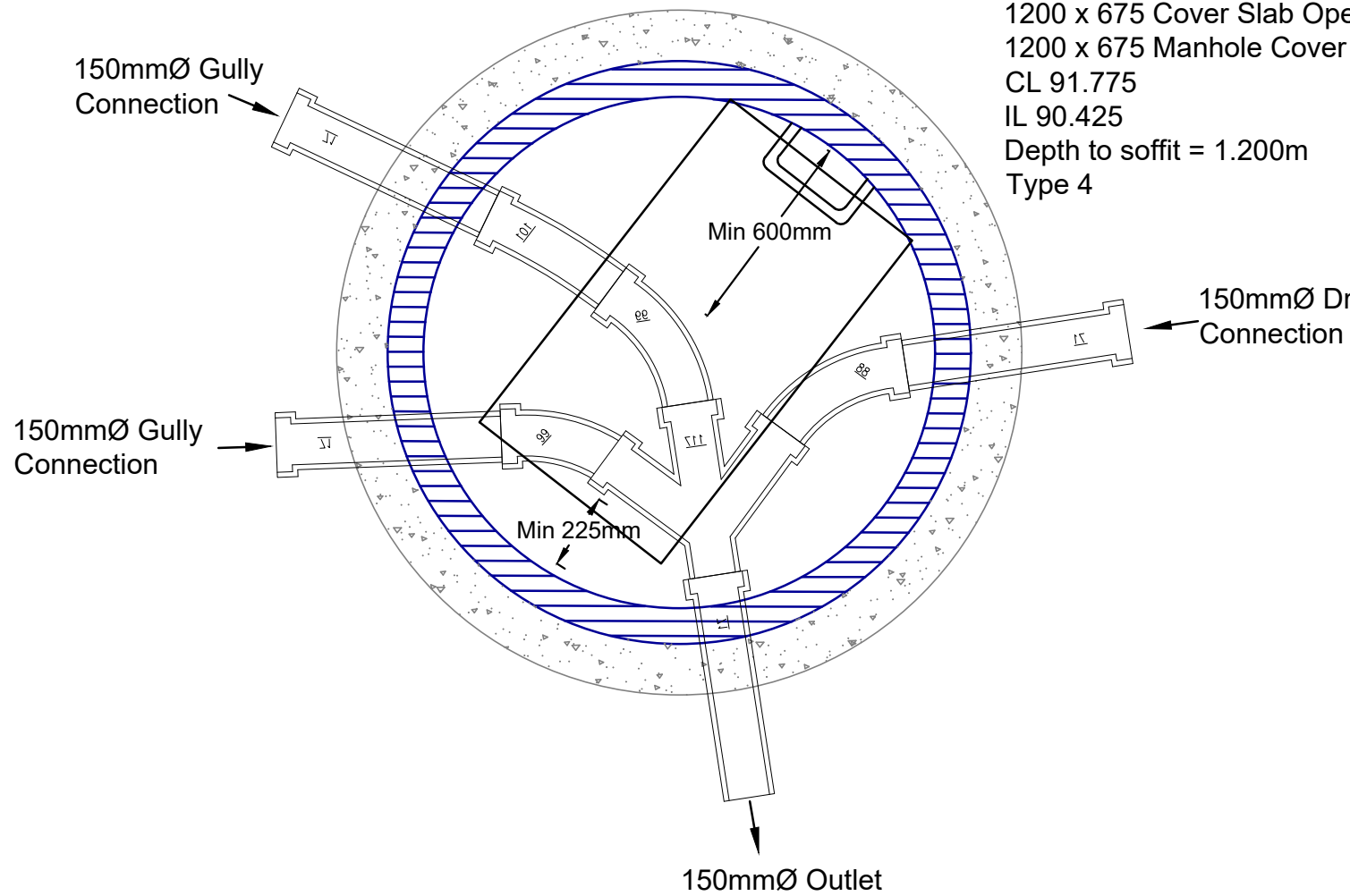
ROCKER PIPES TO BE INSTALLED AT EACH ENTRY POINT INTO MANHOLE CHAMBER. ROCKER PIPES TO BE IN ACCORDANCE WITH UNITED UTILITIES STANDARD DETAILS



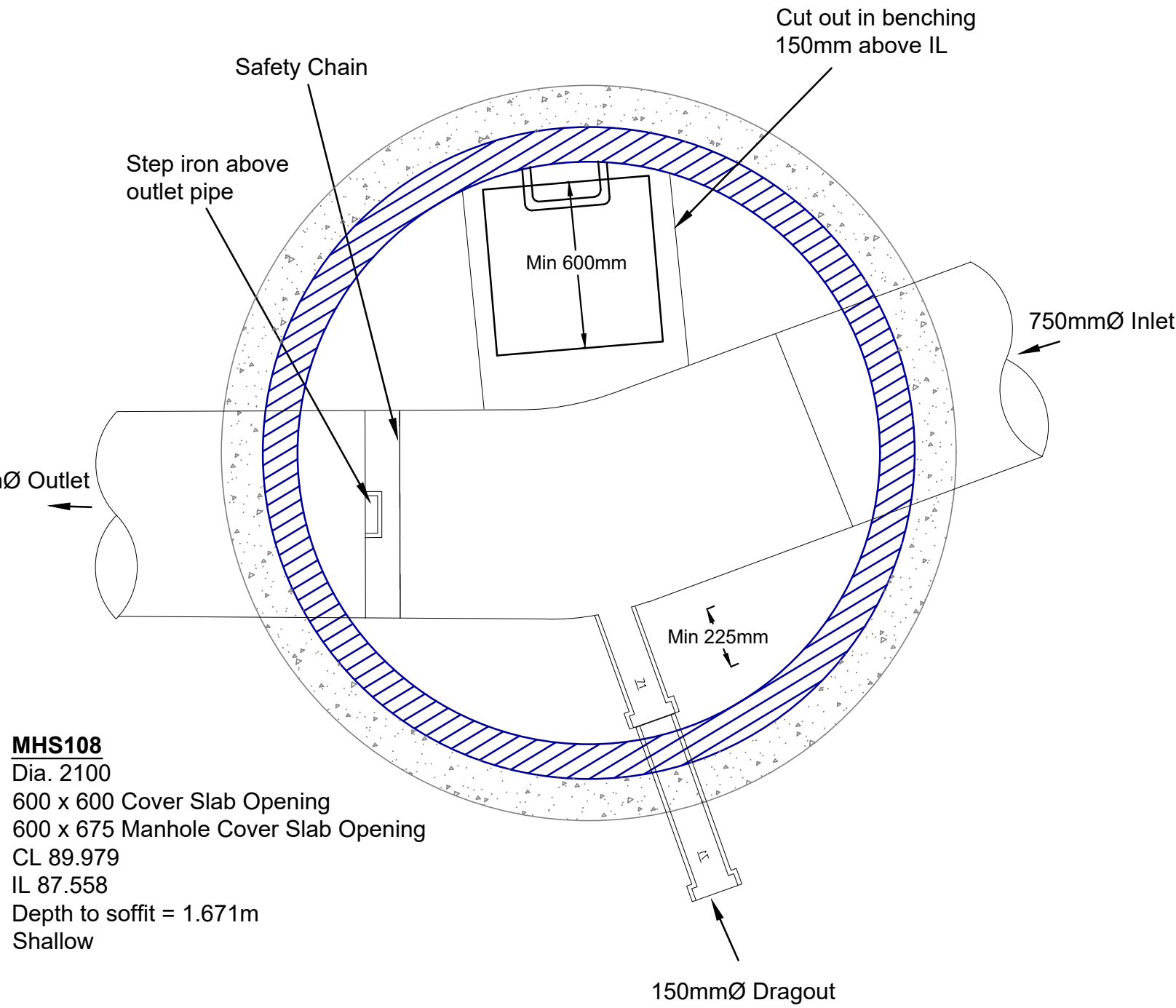
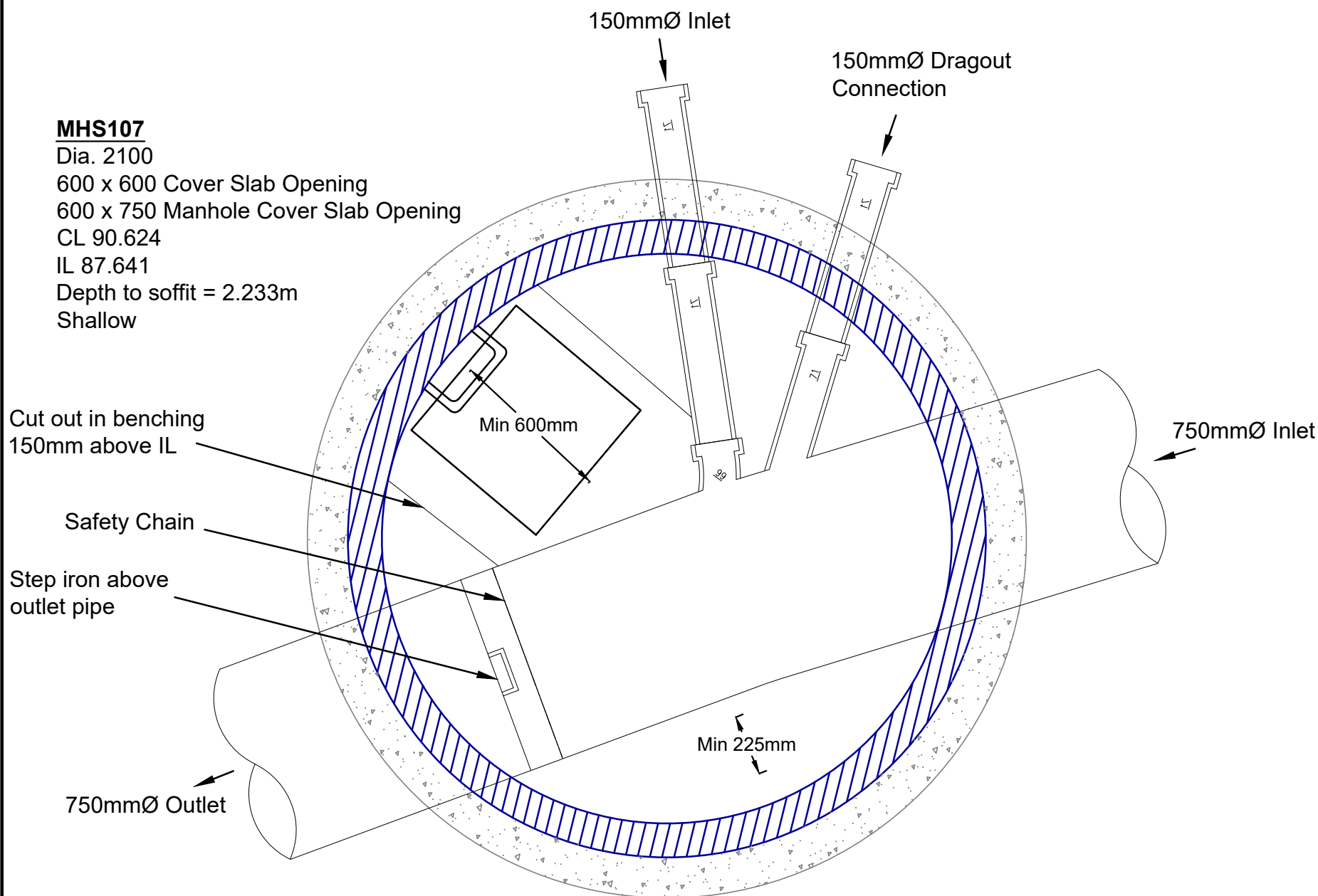
MHS105
Dia. 2100
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 91.171
IL 87.693
Depth to soffit = 2.728m
Type 2



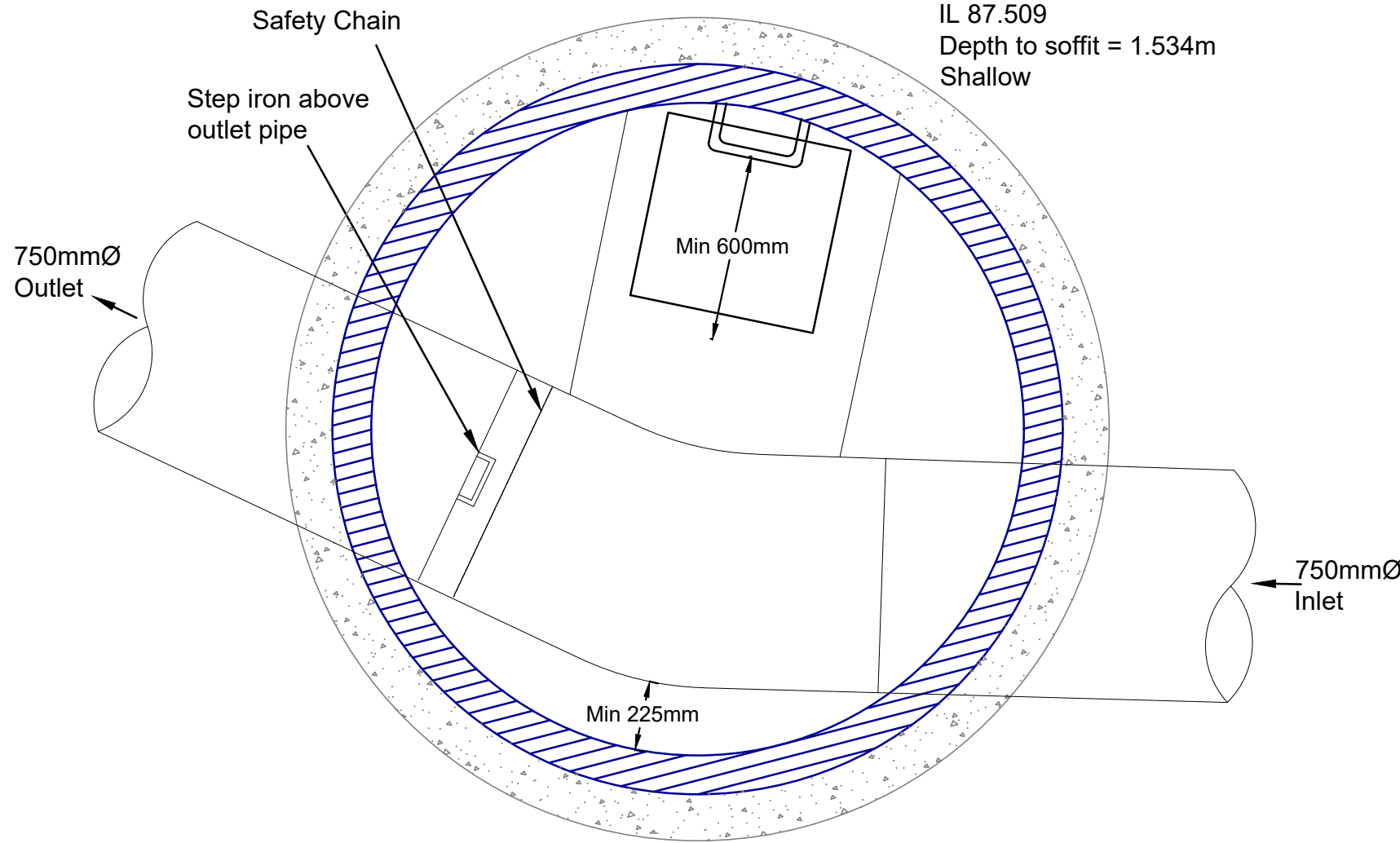
MHS106
Dia. 1500
1200 x 675 Cover Slab Opening
1200 x 675 Manhole Cover Slab Opening
CL 91.775
IL 90.425
Depth to soffit = 1.200m
Type 4



MHS107
Dia. 2100
600 x 600 Cover Slab Opening
600 x 750 Manhole Cover Slab Opening
CL 90.624
IL 87.641
Depth to soffit = 2.233m
Shallow



MHS109
Dia. 2100
600 x 600 Cover Slab Opening
600 x 675 Manhole Cover Slab Opening
CL 87.793
IL 87.509
Depth to soffit = 1.534m
Shallow



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

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Web: www.rsk.co.uk

Client

Kellen Homes

Project Title

Don Street
Middleton

Status

Detailed Design

Drawing Title

SW 1:20 Manhole Details
Sheet 1 of 7

Drawn	Date	Checked	Date	Approved	Date
EP	JULY '21	MS	JULY '21		
Scale	Orig Size	Dimensions	Project No.	Drawing File	
1:20	A1		882333		
Drawing No.	Rev				
40-17-01	P6				