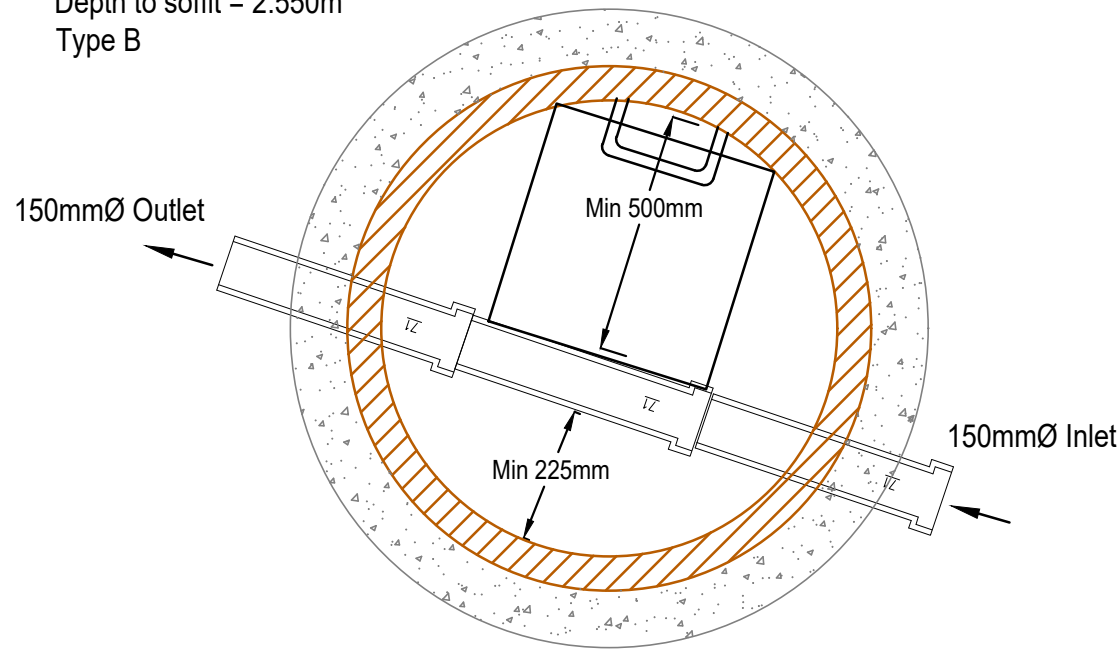
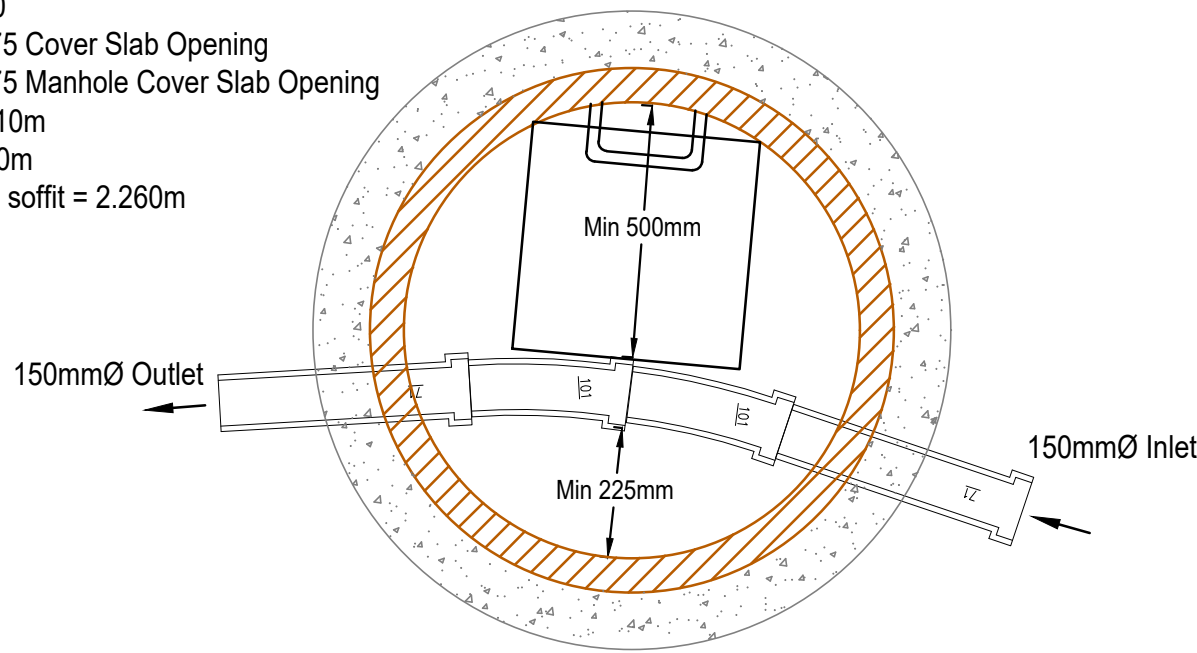


File location: L:\001_DBS LIVE\WIGAN\882667 - LAND & BEAR OF OLD ROW, WHALLEY RD, BARROW LNT CONSTRUCTION\GRAPHIC\ENGINEERING LTD - DESIGN INFORMATION\FRANTECH 20.03.23\INFRASTRUCTURE\10-07 FW AND CW 1-20 MANHOLE DETAILS.DWG

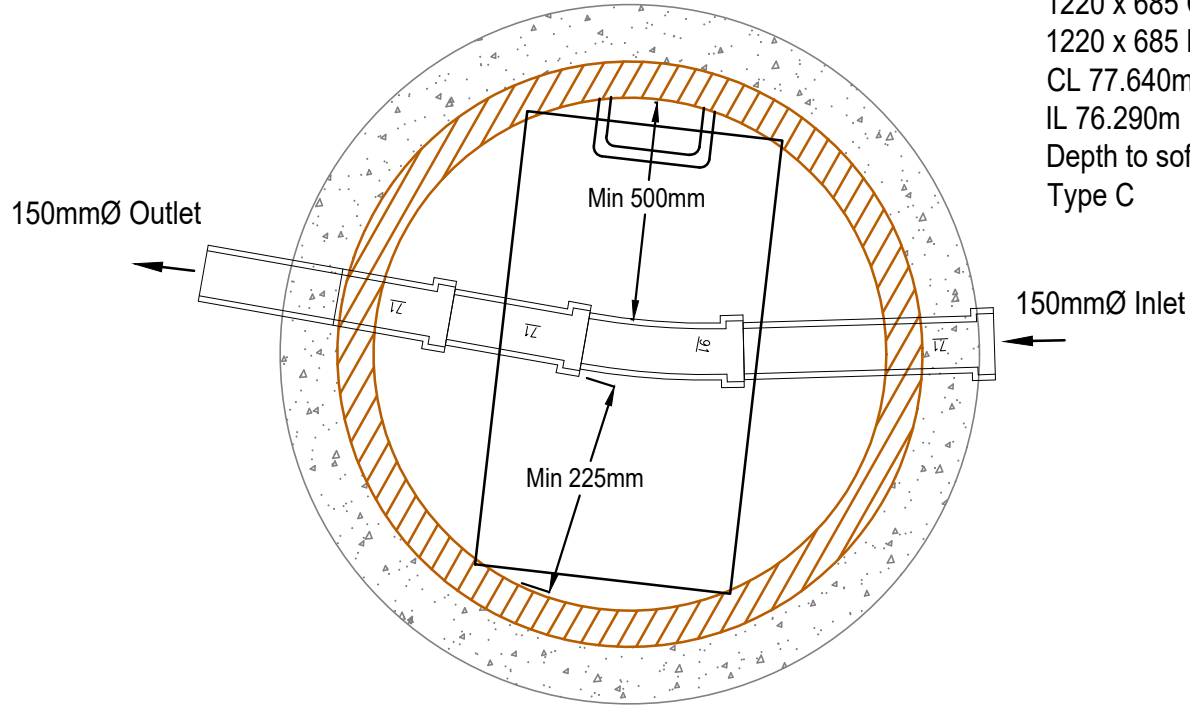
MHF1
Dia.1200
675 x 675 Cover Slab Opening
675 x 675 Manhole Cover Slab Opening
CL 79.600m
IL 76.900m
Depth to soffit = 2.550m
Type B



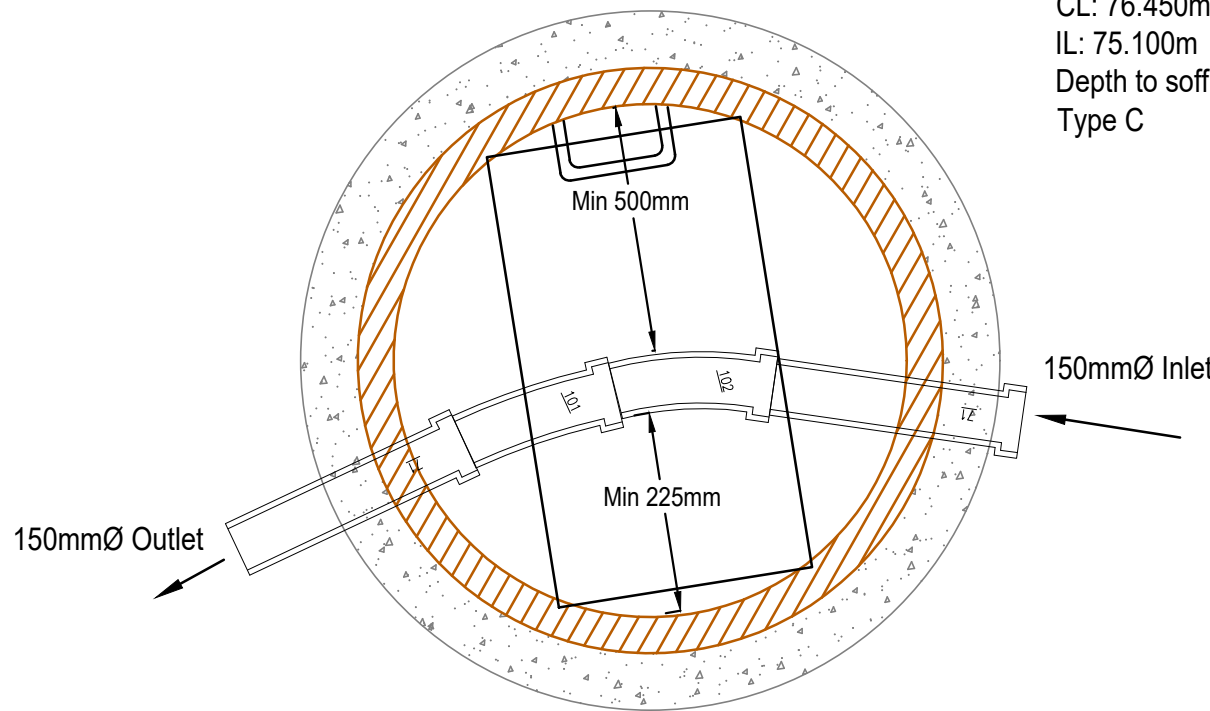
MHF2
Dia.1200
675 x 675 Cover Slab Opening
675 x 675 Manhole Cover Slab Opening
CL 78.910m
IL 76.500m
Depth to soffit = 2.260m
Type B



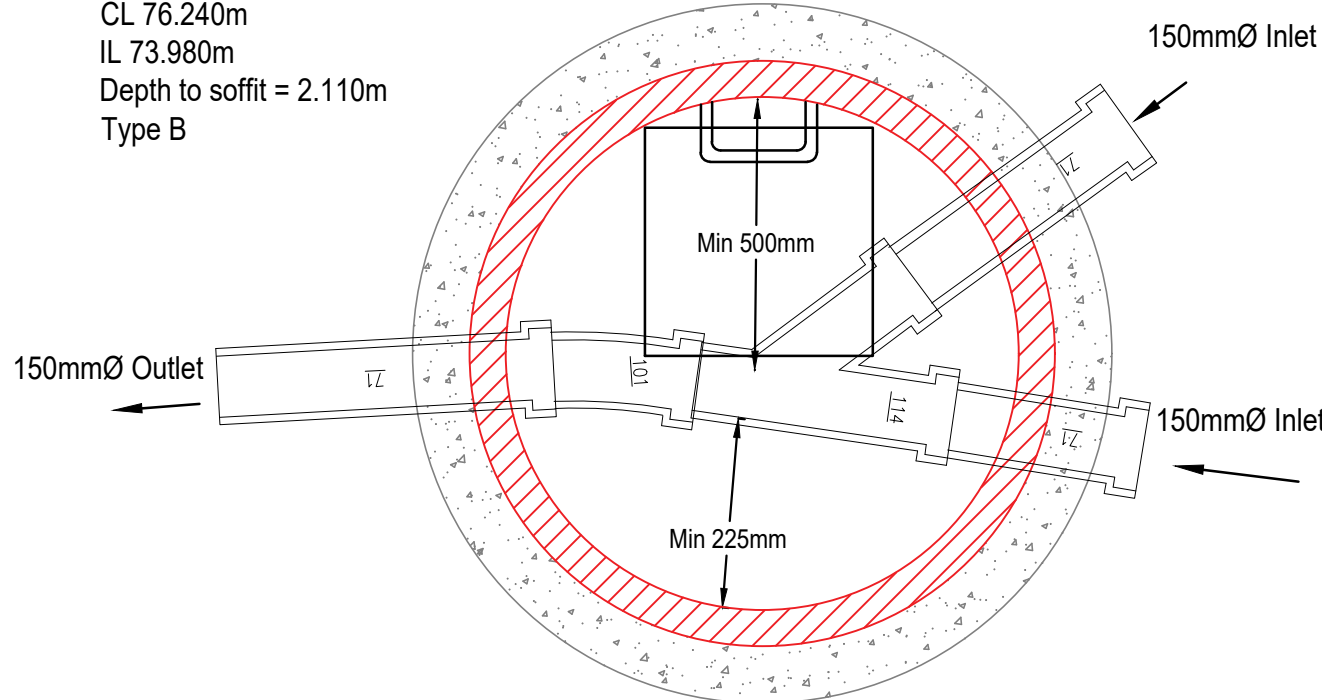
MHF3
Dia.1350
1220 x 685 Cover Slab Opening
1220 x 685 Manhole Cover Slab Opening
CL 77.640m
IL 76.290m
Depth to soffit = 1.200m
Type C



MHF4
Dia.1350
1220 x 685 Cover Slab Opening
1220 x 685 Manhole Cover Slab Opening
CL: 76.450m
IL: 75.100m
Depth to soffit = 1.200m
Type C



MHC1
Dia.1350
675 x 675 Cover Slab Opening
675 x 675 Manhole Cover Slab Opening
CL 76.240m
IL 73.980m
Depth to soffit = 2.110m
Type B



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 manhole is always required unless a widewall manhole system is proposed. If widewall rings are proposed, then the drawing must contain a detail specific to this type of construction, and a prominent note should be added that the entire system must be used.

ROCKER PIPES TO BE INSTALLED AT EACH ENTRY POINT INTO MANHOLE CHAMBER.

P2	04.10.23	Updated to new layout and receipt of existing sewer records	MS		
P1	NY1	First Issue	MH	MS	
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

RSK

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Client	LNT Construction				
Project Title					
Whalley Road Barrow					
Status	INFORMATION				
Drawing Title					
FW and CW 1-20 Manhole Details					
Drawn	Date	Checked	Date	Approved	Date
MH	May 23	MS	May 23		
Scale		Orig Size		Dimensions	
1:20		A1			
Project No.			Drawing File		
882667					
Drawing No.				Rev.	
10-07				P2	