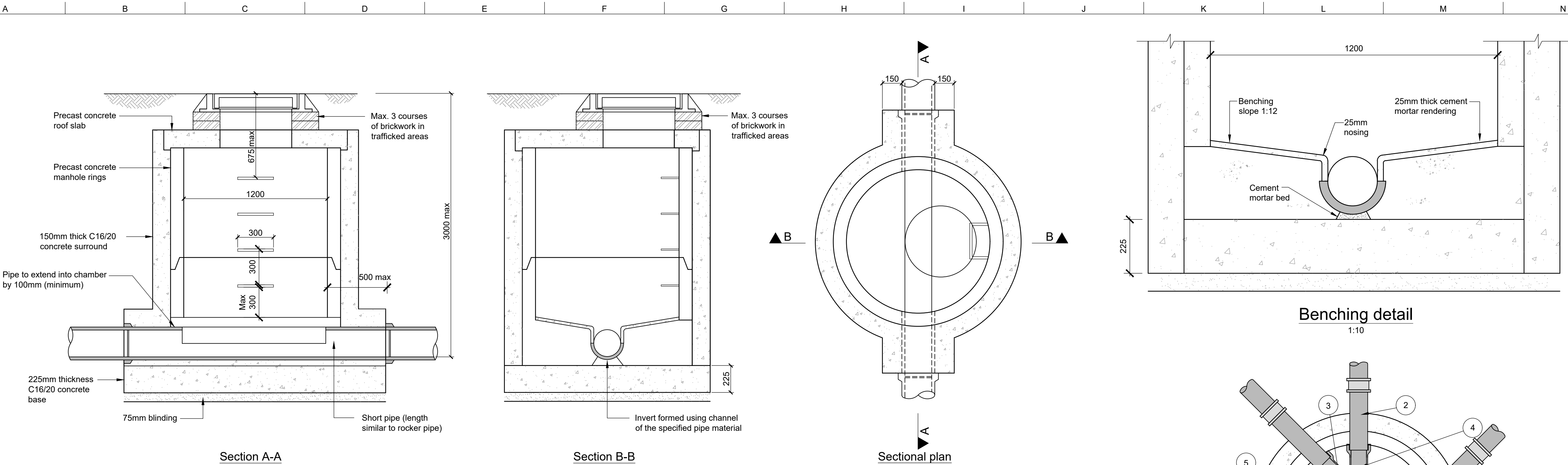
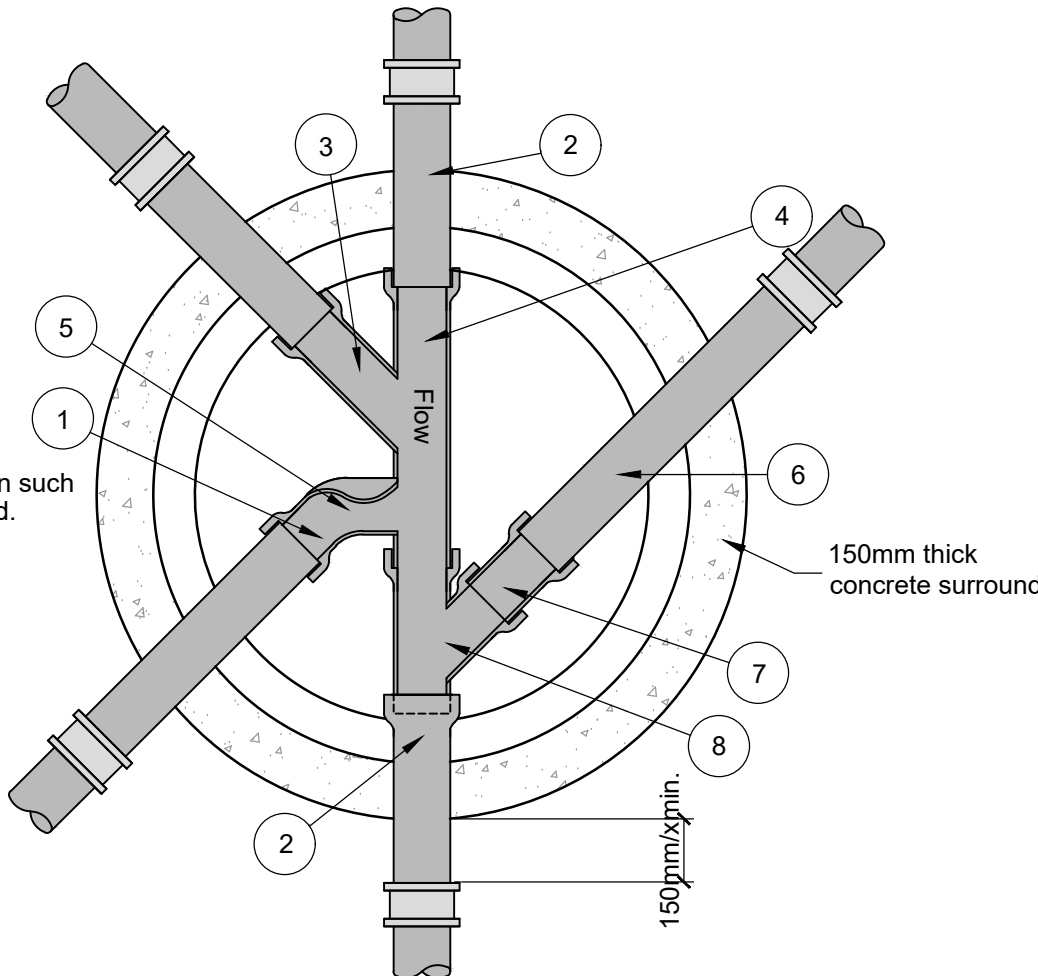
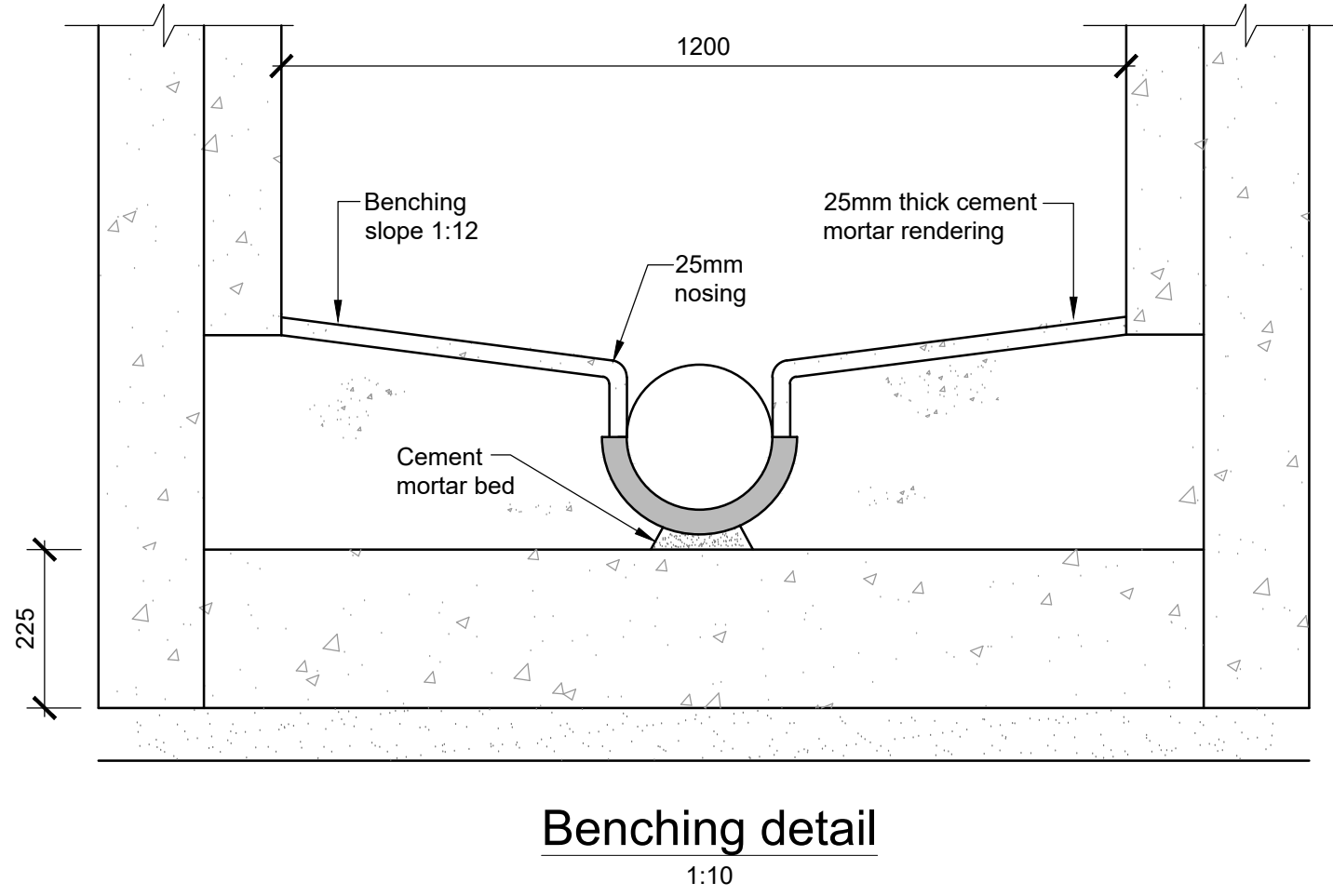


A1  
1  
2  
3  
4  
5  
6  
7  
8  
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10  
11

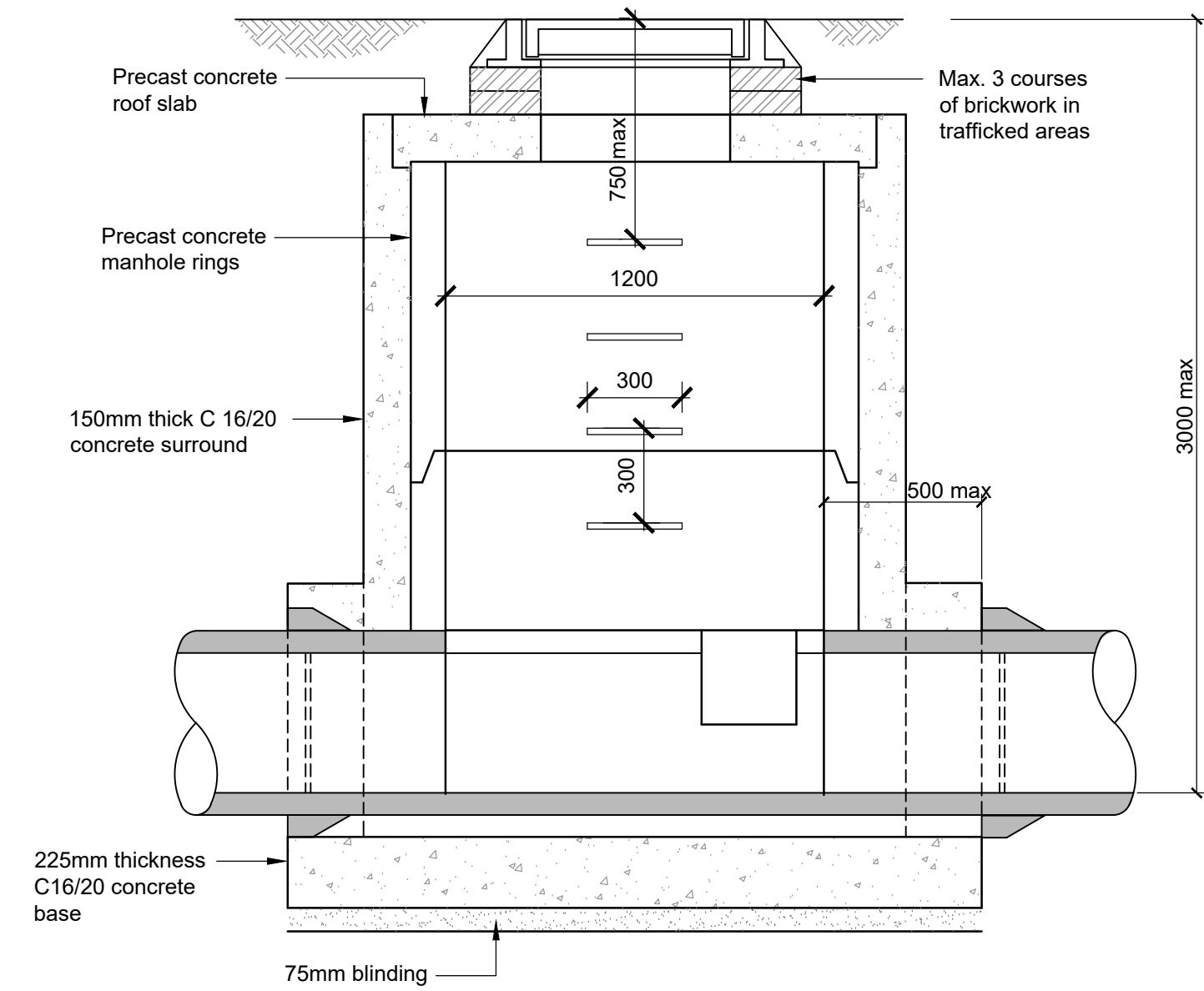


Shallow precast concrete manhole  
(Depths up to 3.0m on Pipes up to 300mm dia.)  
1:20

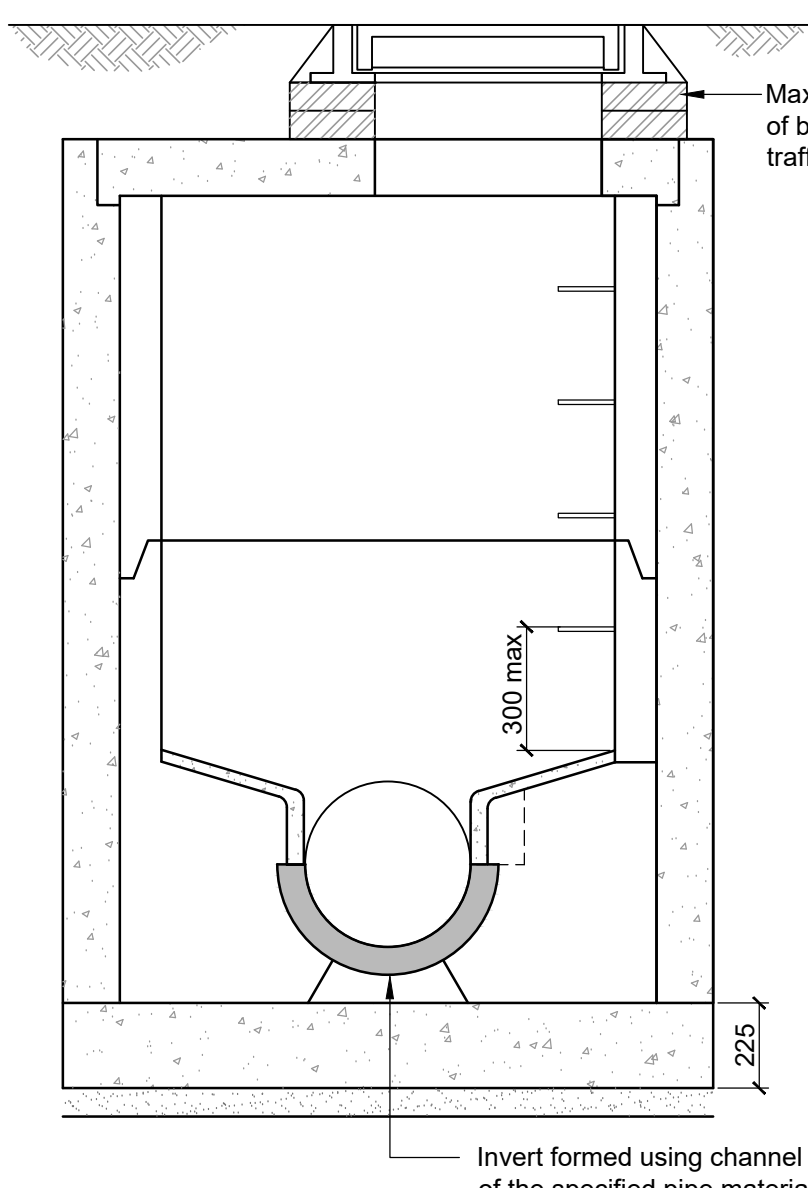


- Angles over 90° are not preferred, in such cases 3/4 section bends must be used.
- Short length of pipe. (rocker pipe)
- 3/4 section bend.
- Channel pipe.
- 3/4 section bend.
- Short length pipe. (rocker pipe)
- Short section of channel pipe.
- Right hand channel junction.

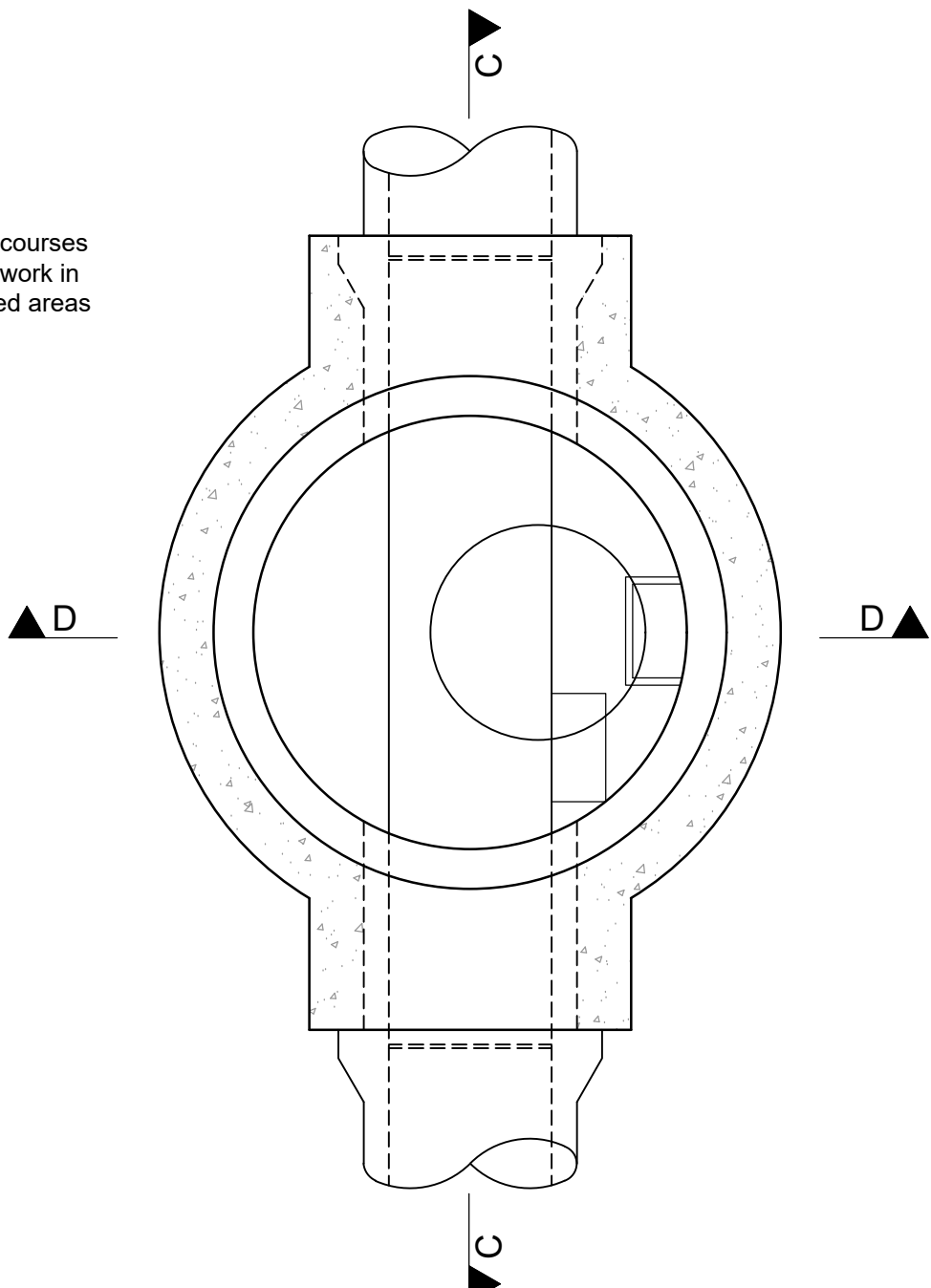
Typical Channel Details  
Around Manhole  
Scale 1:20



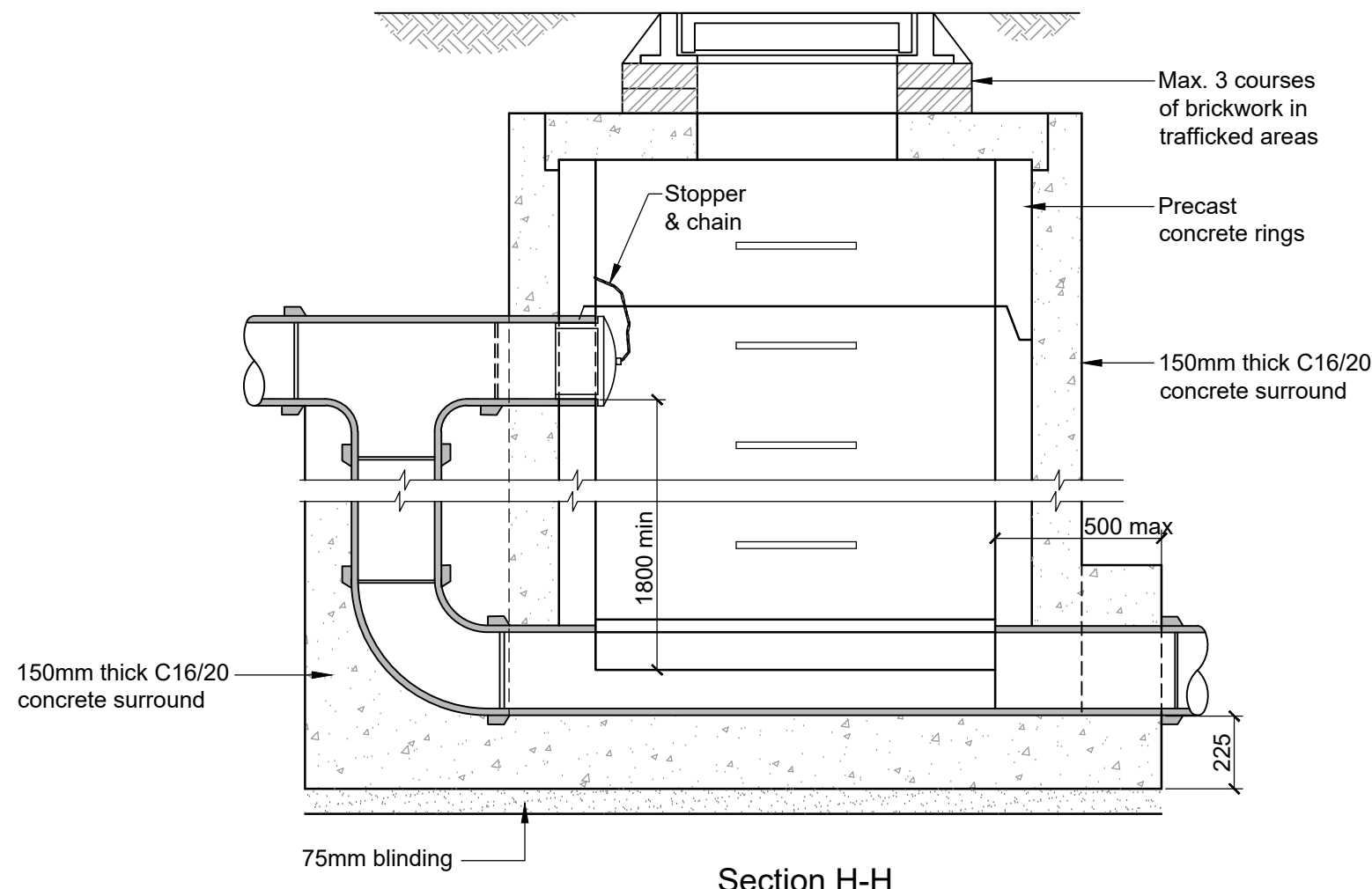
Section C-C



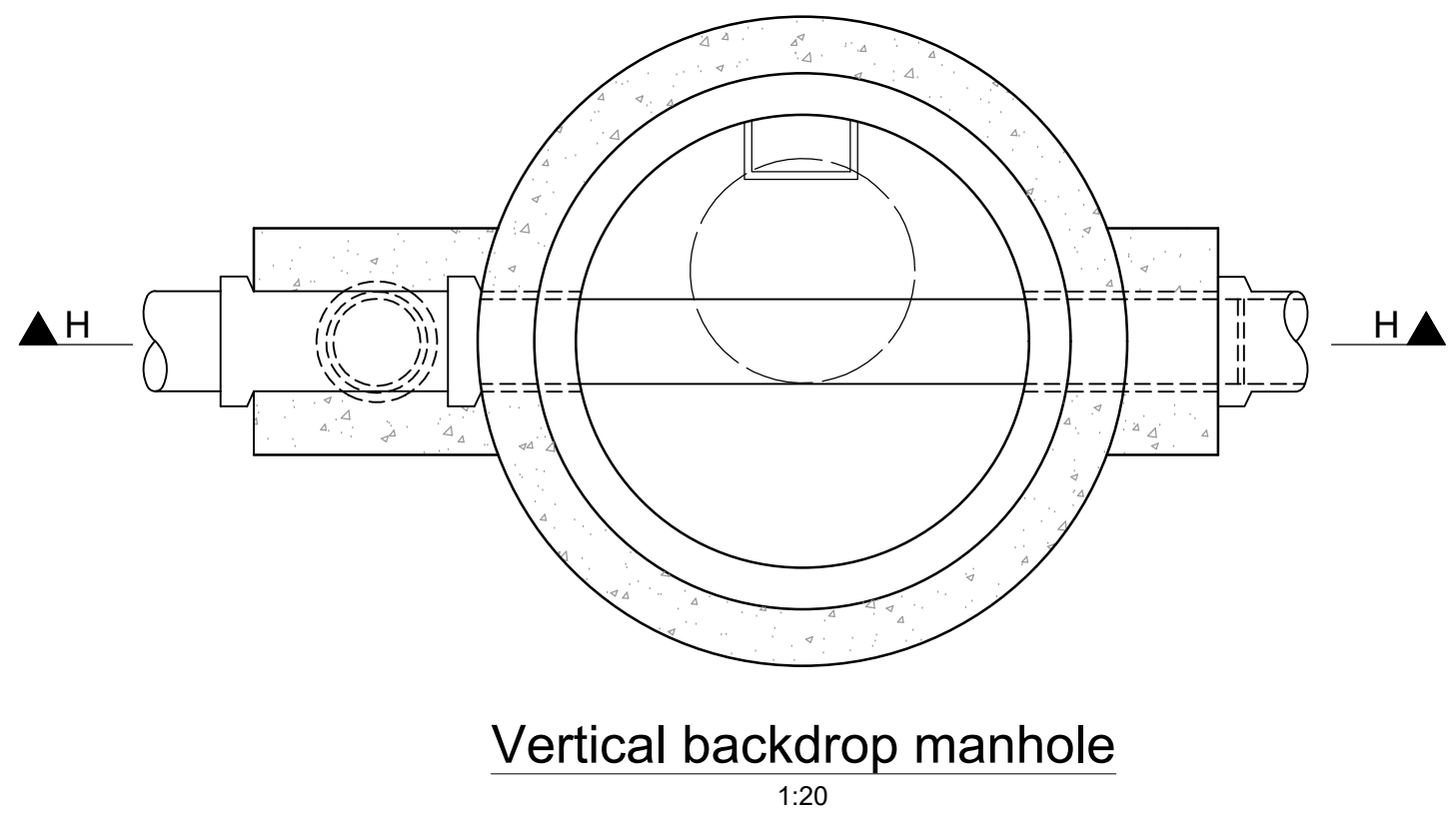
Section D-D



Sectional plan



Section H-H



Vertical backdrop manhole  
1:20

Manhole sizes	
Pipe dia. mm	Manhole size dia.
100 - 300	1.2m Ø
375 - 750	1.5m Ø
750 - 900	1.8m Ø

C01	03/10/25	DB	AS	GS
Issued for Planning (Status A2)				
P01	02/07/25	DB	AS	GS
Issued for Information (Status S2)				
Rev	Date	By	Chkd	Appd

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Client  
Limerick Twenty Thirty

Project Title  
Cleaves Riverside Quarter  
Masterplan

Drawing Title  
Proposed Details  
Sheet 1

Scale at A1  
As Shown

Role  
Civil Drainage

Suitability  
A2 - Issued for Planning

Arup Job No  
277975-00

Name  
CRQMP-ARUP-XX-00-DR-CE-4401

Rev  
C01