

A1

1

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11

A

B

C

D

E

F

G

H

I

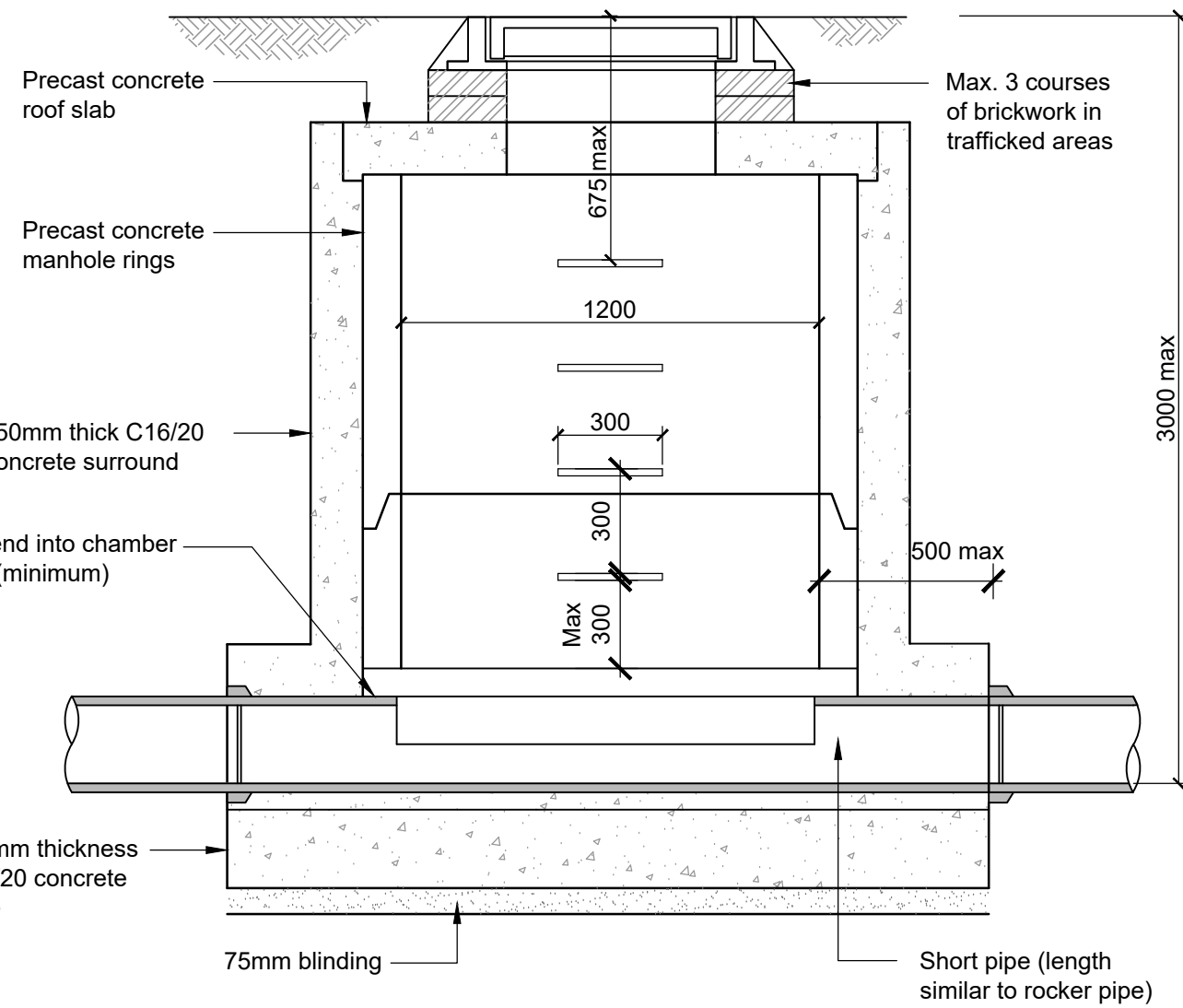
J

K

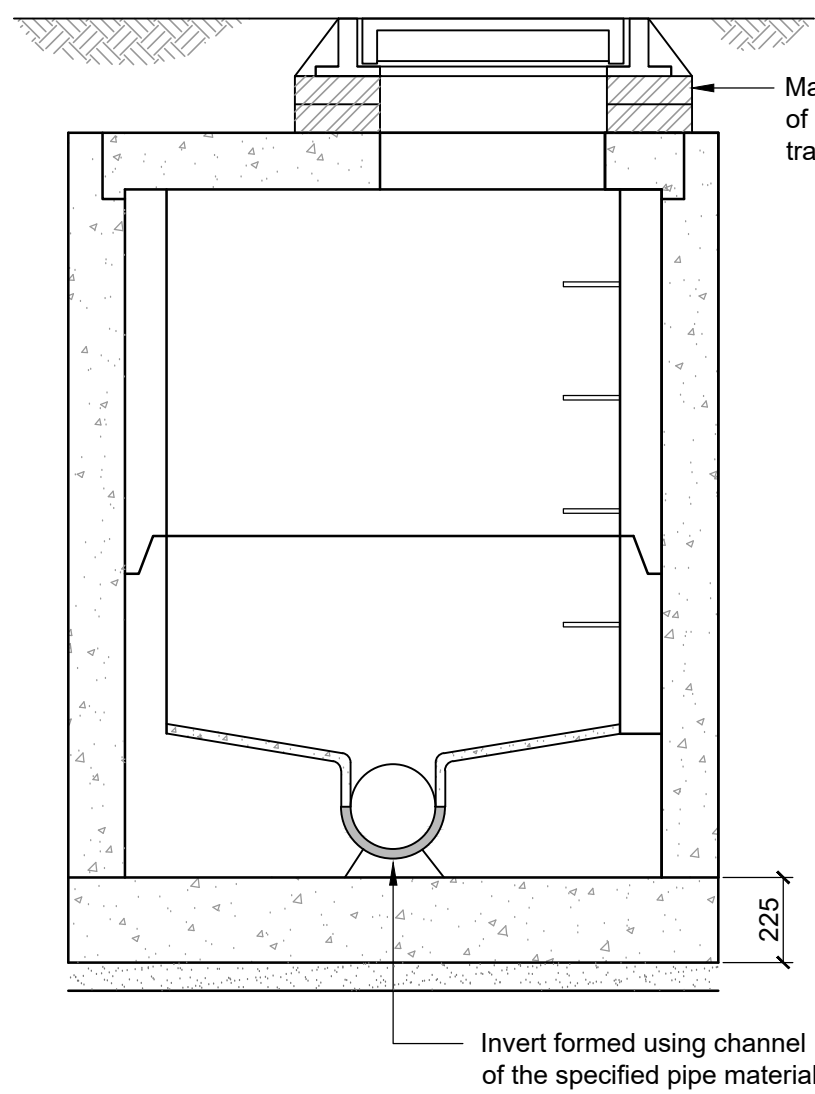
L

M

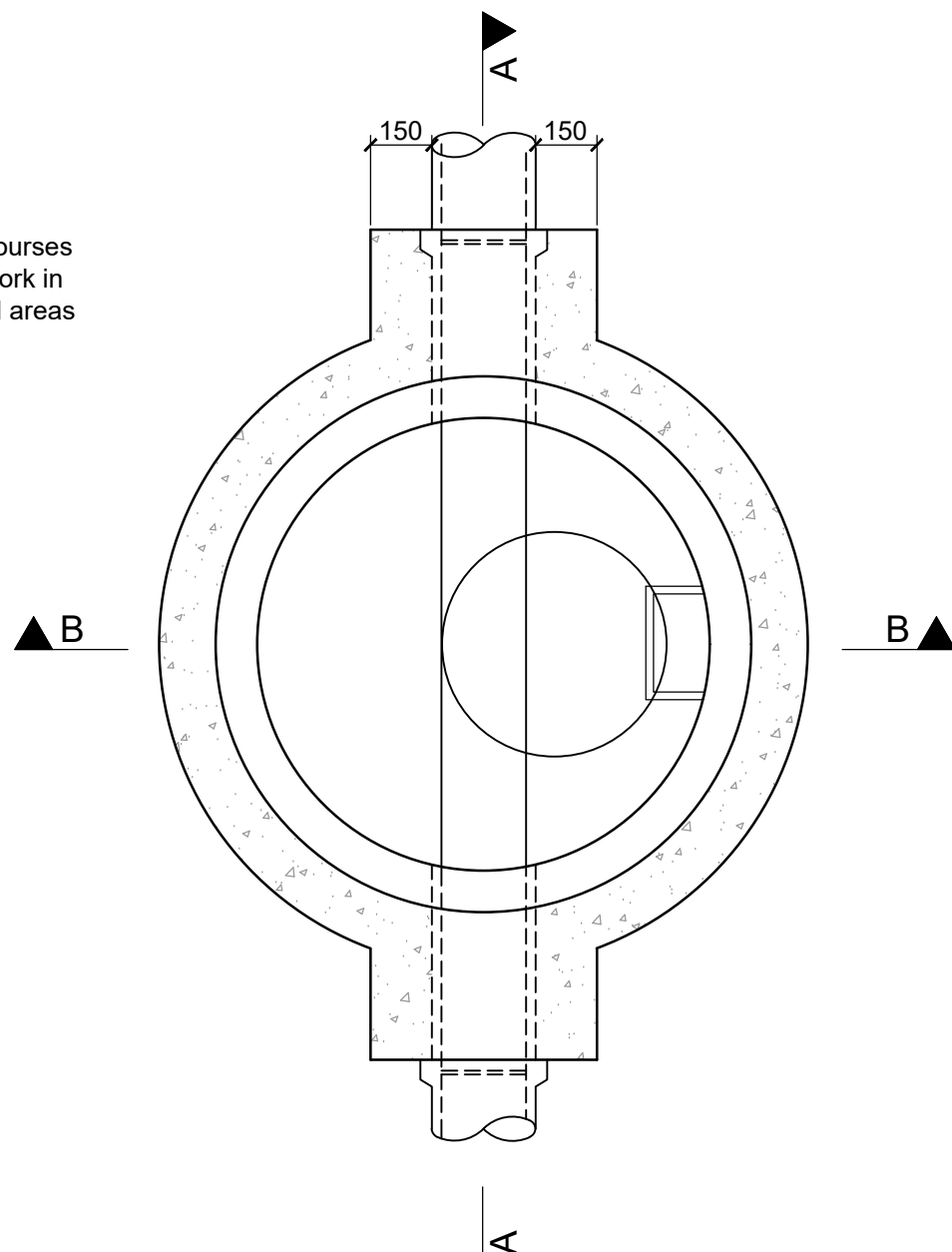
N



Section A-A



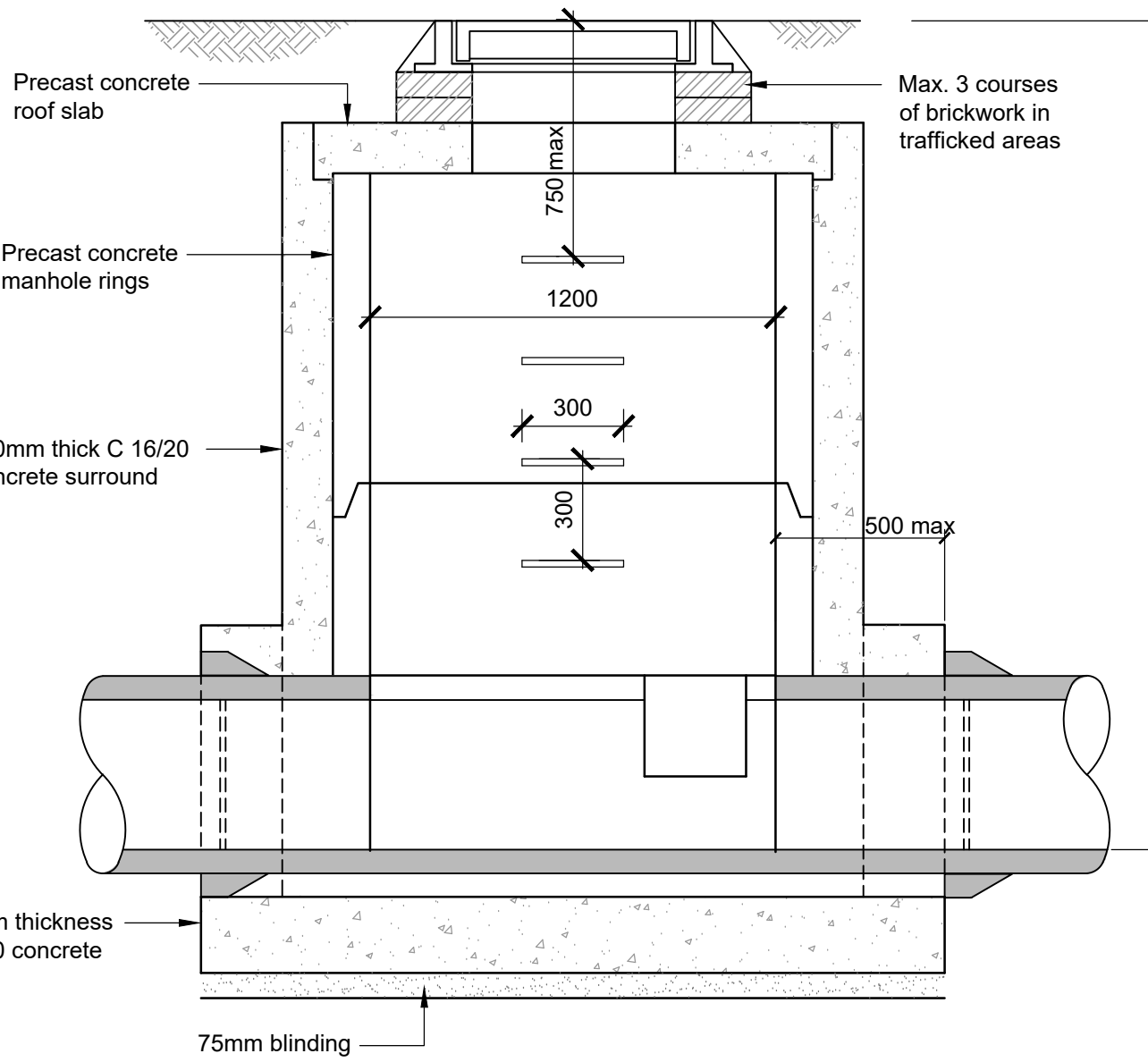
Section B-B



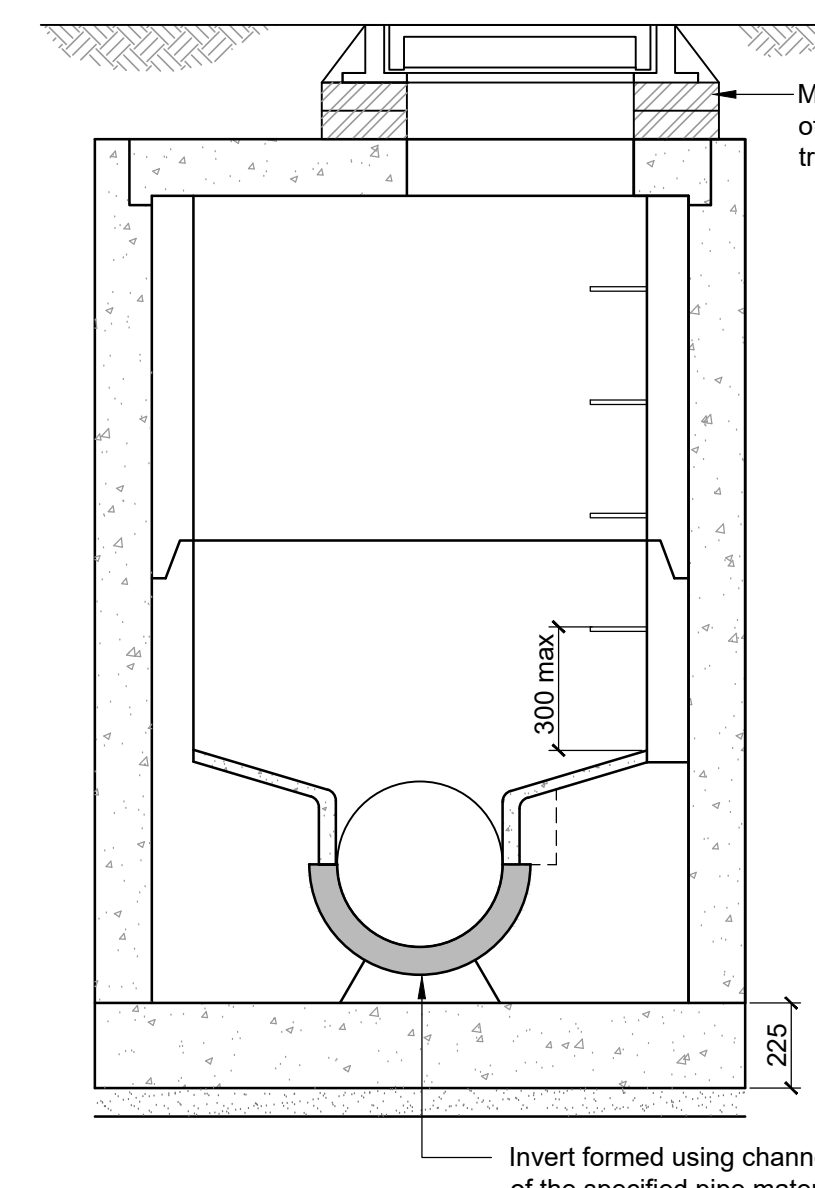
Sectional plan

Shallow precast concrete manhole

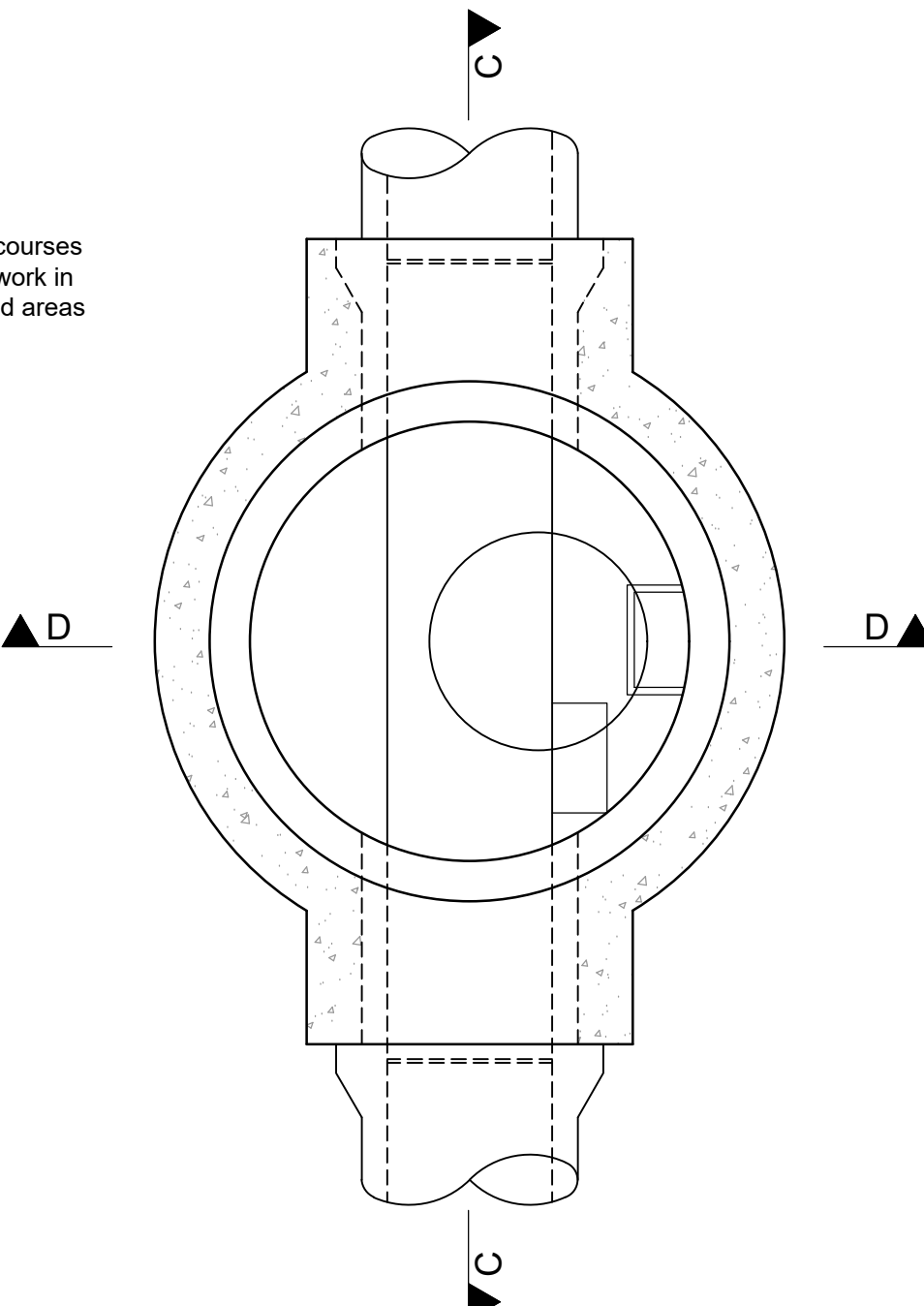
(Depths up to 3.0m on Pipes up to 300mm dia.)
1:20



Section C-C



Section D-D

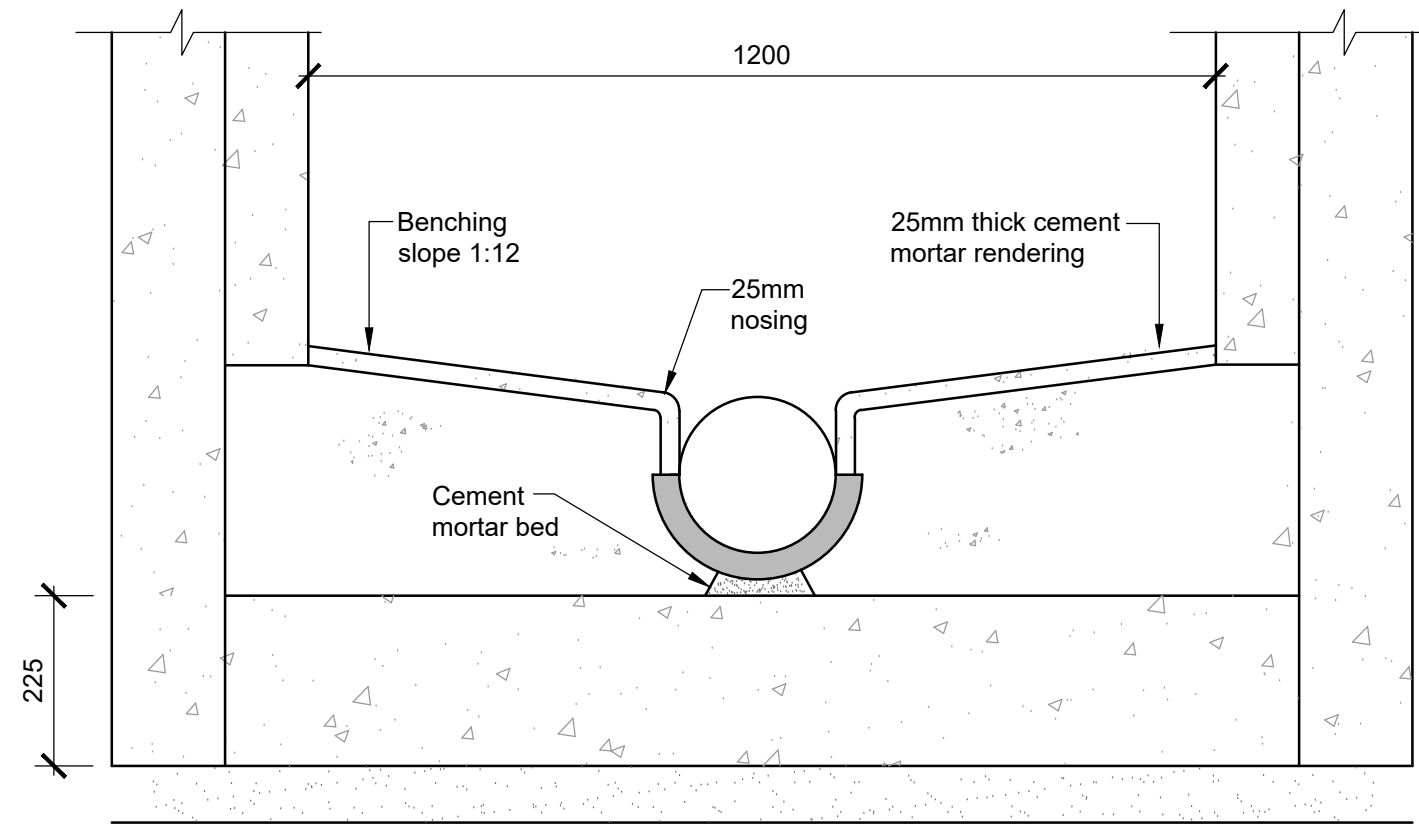


Sectional plan

Shallow precast concrete manhole

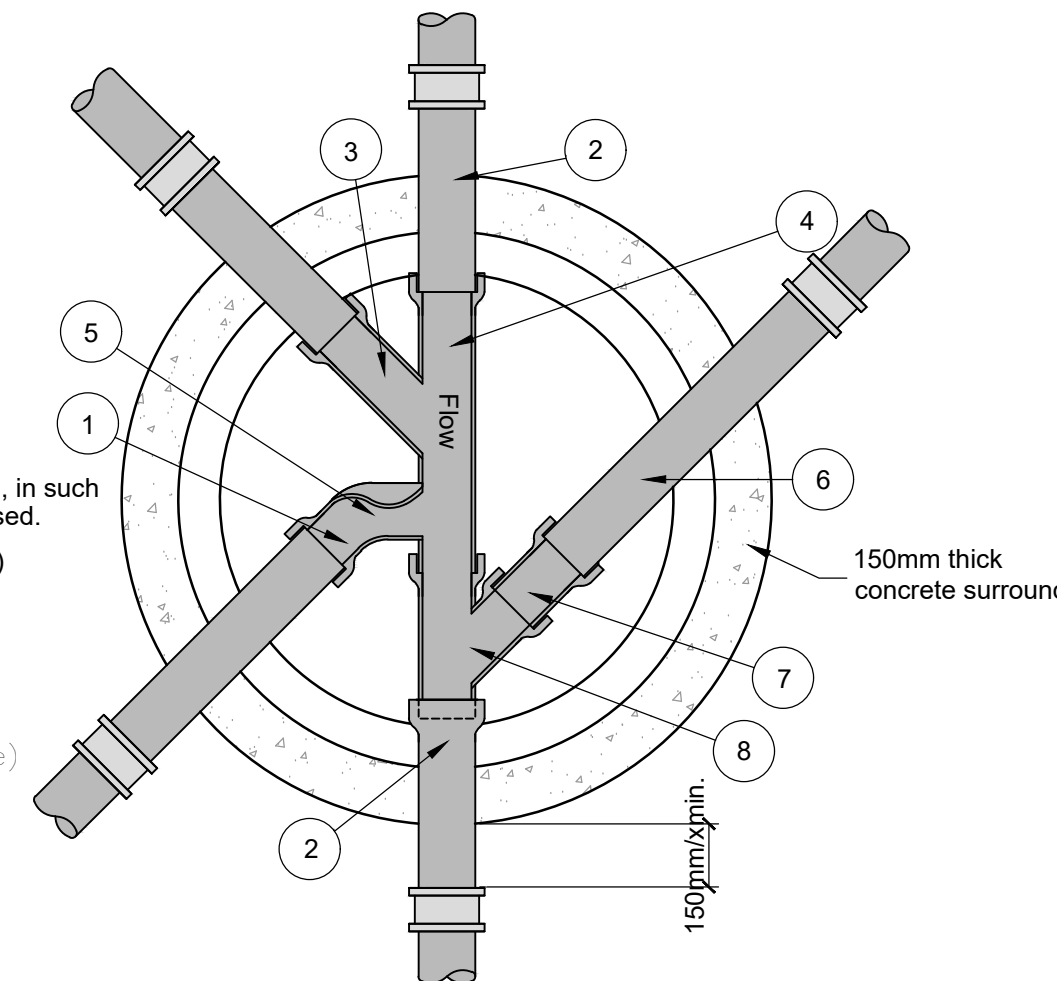
(depths up to 3.0m on pipes greater than 300mm dia.)
1:20

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



Benching detail

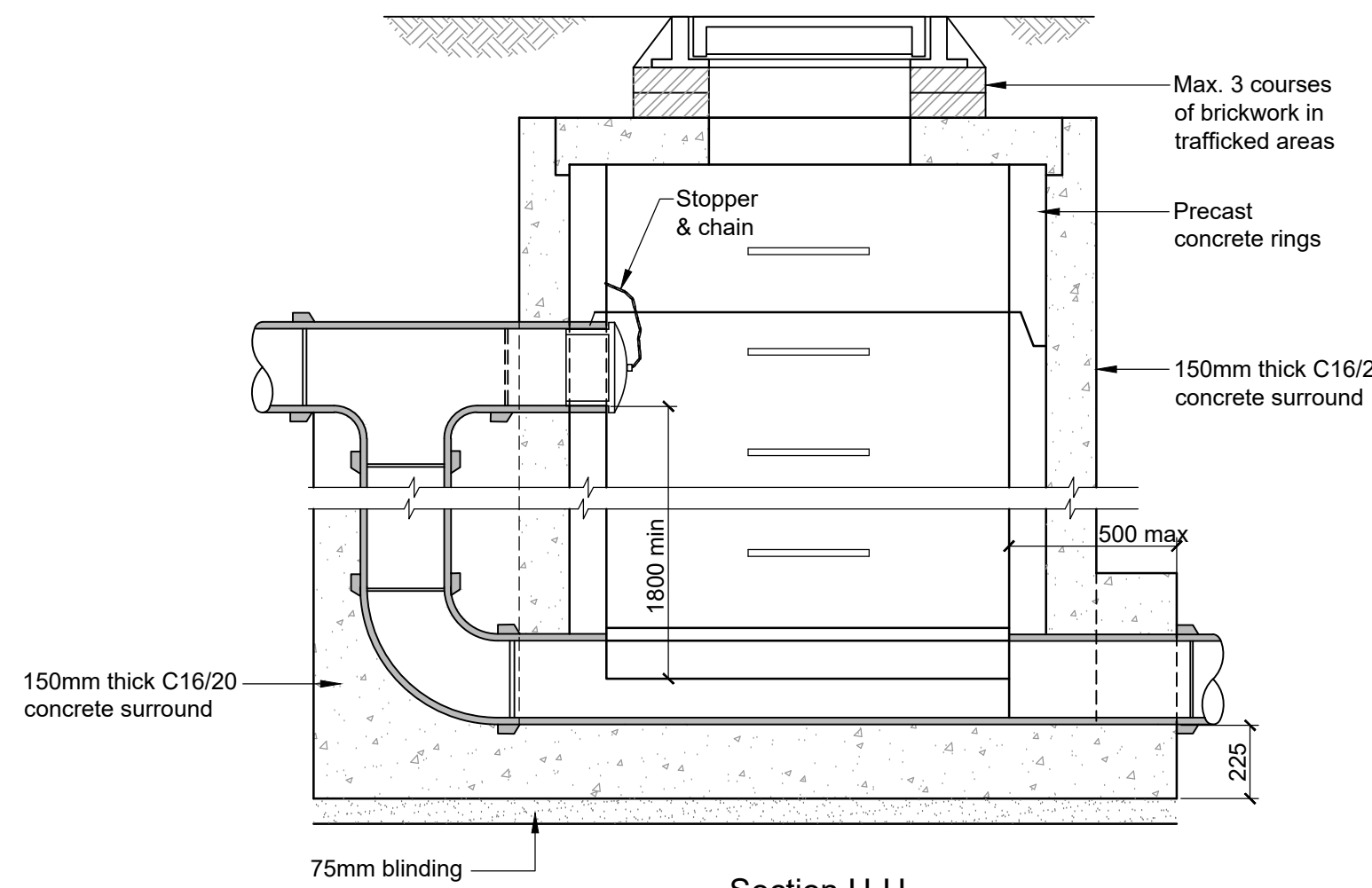
1:10



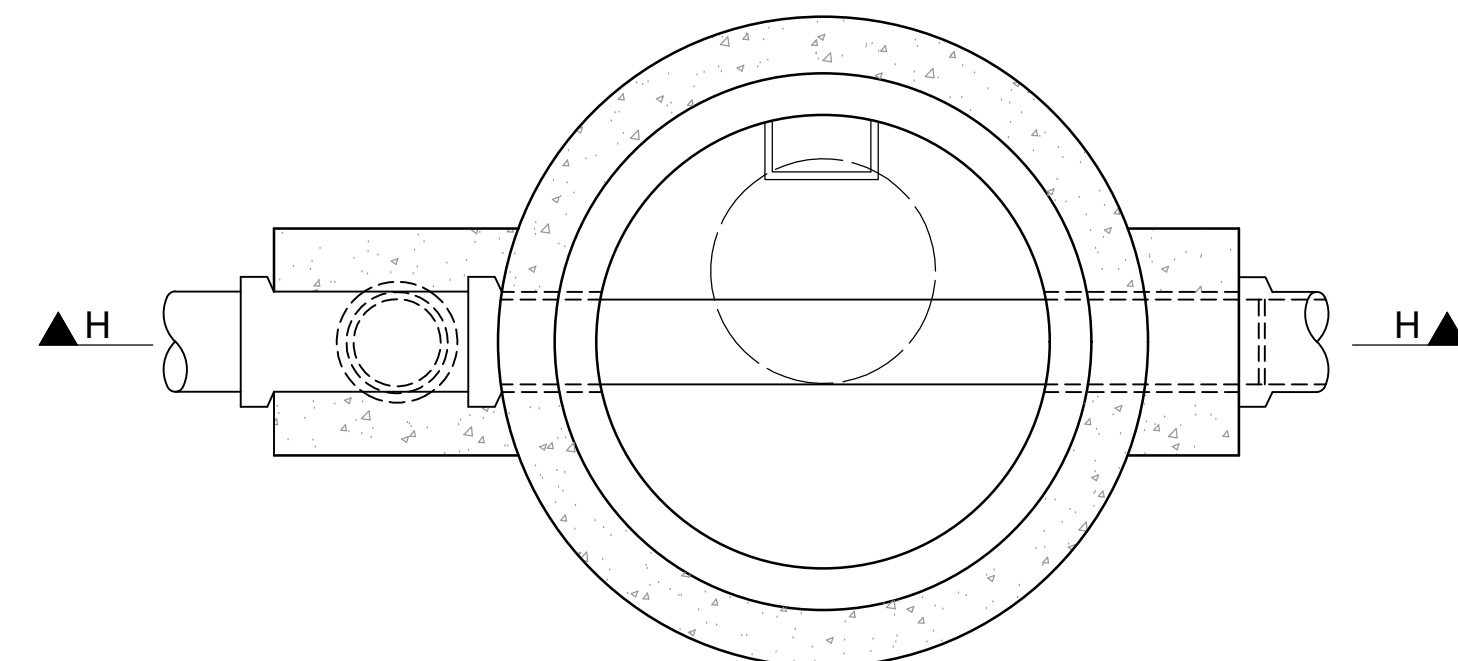
Typical Channel Details
Around Manhole

Scale 1:20

- Angles over 90° are not preferred, in such cases $\frac{3}{4}$ section bends must be used.
- Short length of pipe. (rocker pipe)
- $\frac{1}{2}$ section bend.
- Channel pipe.
- $\frac{3}{4}$ section bend.
- Short length pipe. (rocker pipe)
- Short section of channel pipe.
- Right hand channel junction.



Section H-H



Vertical backdrop manhole

1:20

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-4203