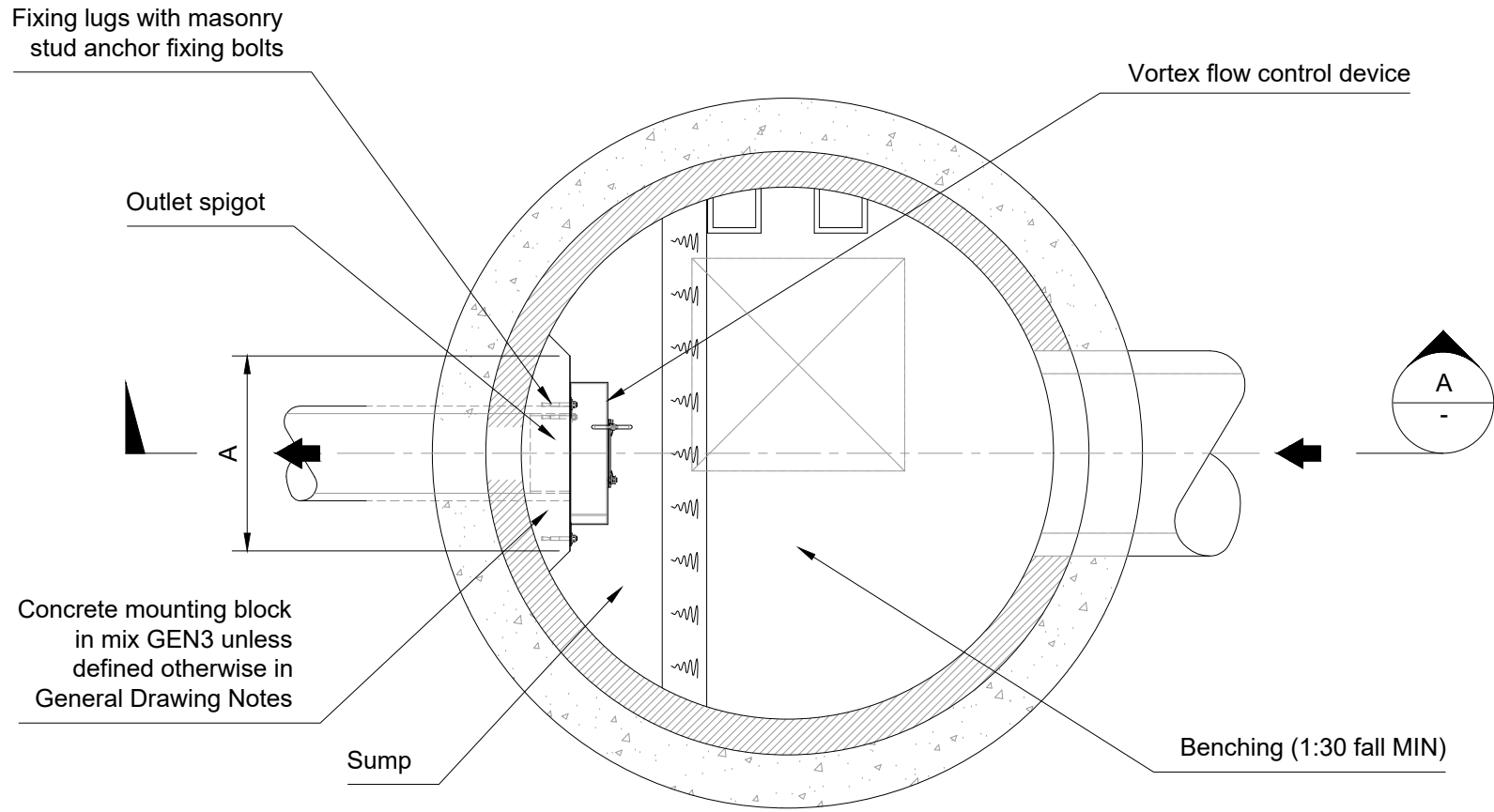
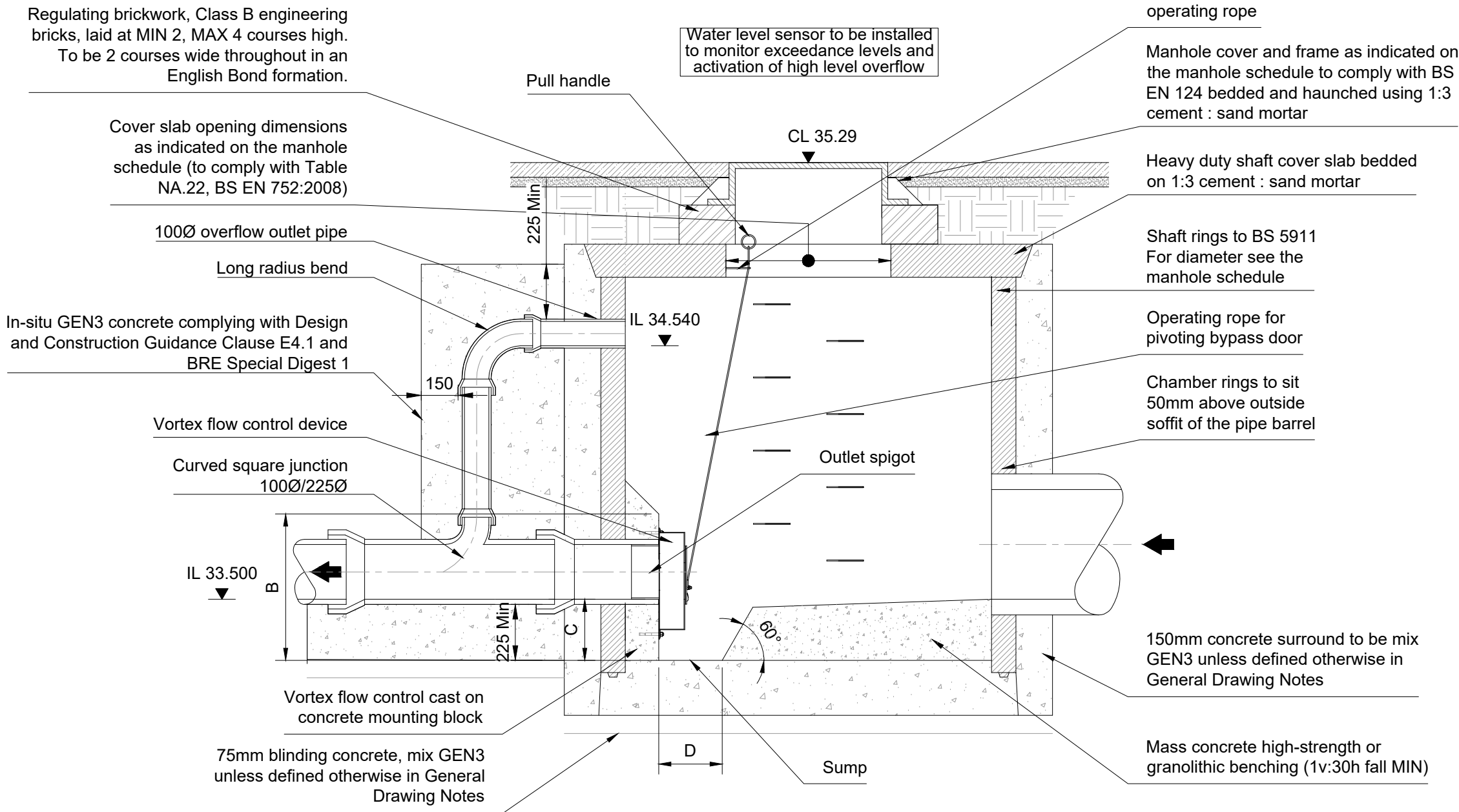




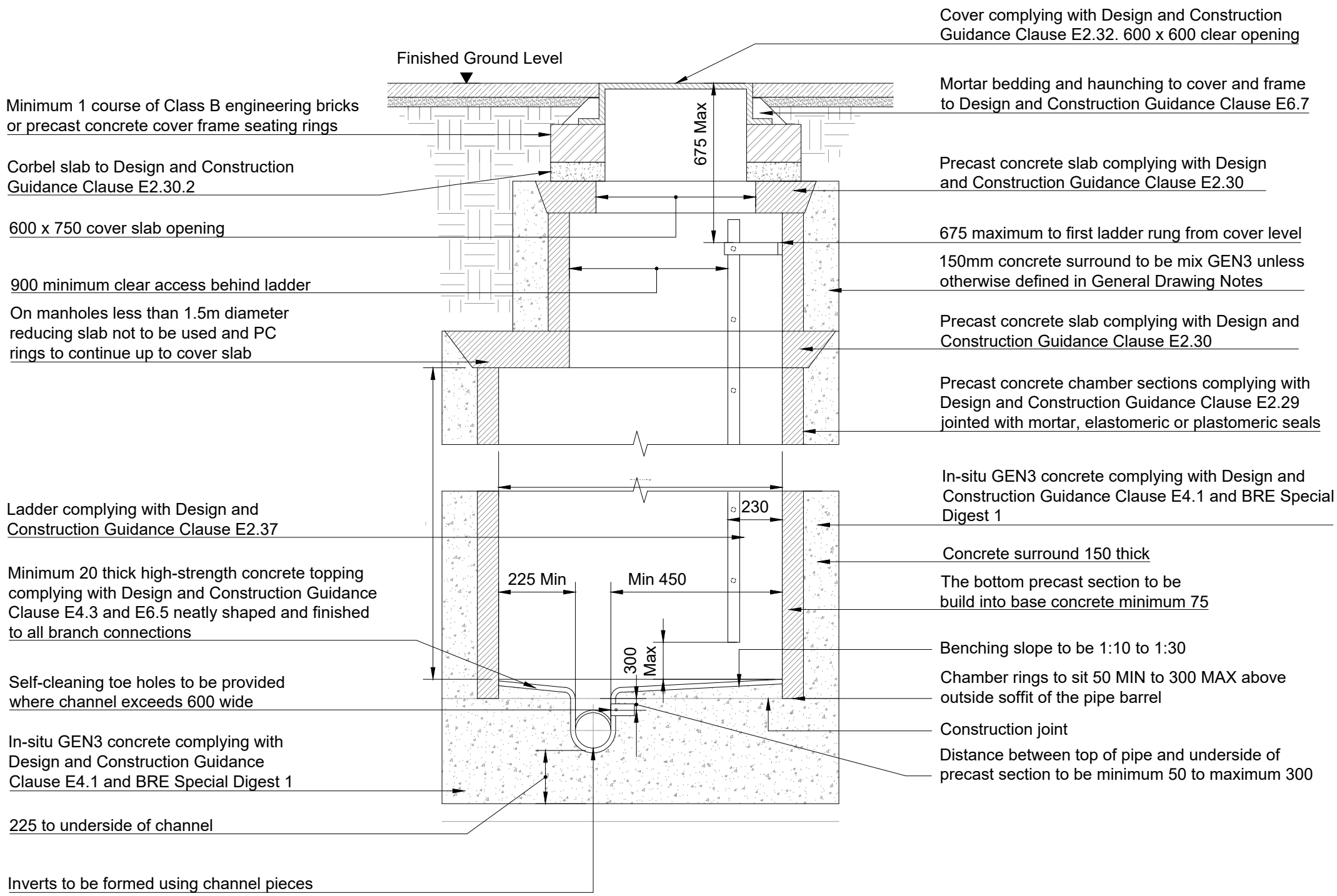
Plan (overflow omitted for clarity)
1:20



Section A
1:20

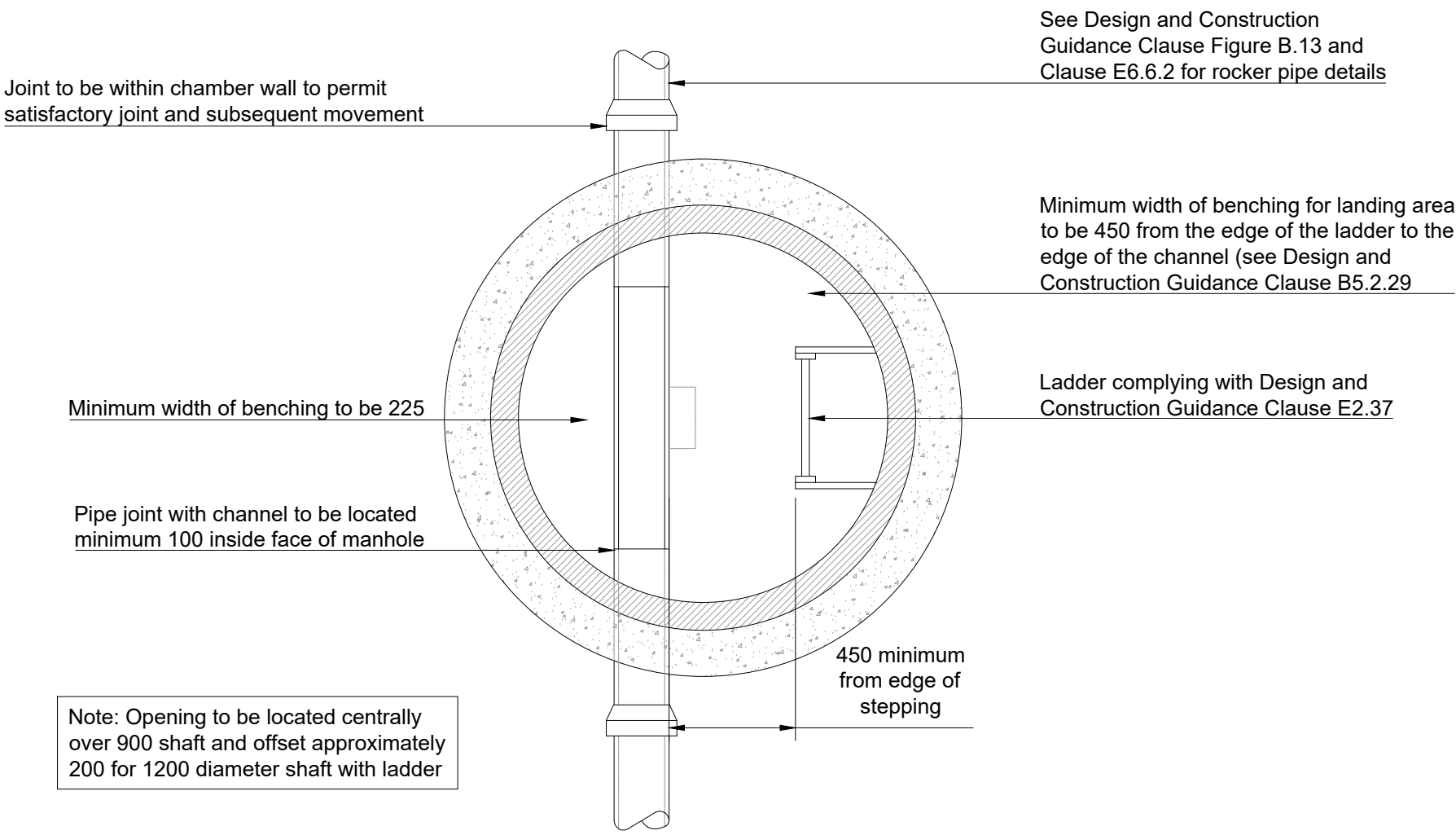
Vortex Flow Control Specifications	
Type	Hydro-Brake SHE-0151-1000-0540-1000 or similar approved
Head	0.540m
Flow	10.000/s
Dimension Value (mm)	
A	550
B	800
C	325
D	320

Vortex flow control chamber: Sump type
(Hydro-Brake or similar approved)



Typical Manhole Type A1

Ladder and reducing slab Rigid material construction with concrete surround
(Refer to Figure B5 in Design and Construction Guidance)
Scale 1:20



Typical Manhole Type A1 Plan

Scale NTS

- Notes
- Do not measure from this drawing.
 - Drawing measurements in millimetres unless stated otherwise
 - Levels in metres above ordnance datum (mAOD).
 - Proposed drainage designed in accordance with Building Regulations Part H and Sewerage Sector Guidance (SSG) Appendix C
 - Overflow details to be agreed with United Utilities and LLFA.

Key to symbols

Reference drawings

CASICD-MMD-XX-XX-DR-D-100000 - Drainage Masterplan
CASICD-MMD-XX-XX-DR-D-100010 - Typical Drainage Details Sheet 1 of 6
CASICD-MMD-XX-XX-DR-D-100011 - Typical Drainage Details Sheet 2 of 6
CASICD-MMD-XX-XX-DR-D-100012 - Typical Drainage Details Sheet 3 of 6
CASICD-MMD-XX-XX-DR-D-100013 - Typical Drainage Details Sheet 4 of 6
CASICD-MMD-XX-XX-DR-D-100015 - Typical Drainage Details Sheet 6 of 6

Rev	Date	Drawn	Description	Ch'k'd	App'd
P03	19/12/2025	JLW	Overflow added	AP	AS
P02	12/12/2025	JLW	Issued for IHP Comment	AP	AS
P01	20/10/2023	LS	RIBA Stage 3 Issue	AS	JH

Status Stamp

PRELIMINARY

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Client
The Christie NHS Foundation Trust

Title
The Christie Advanced Scanning & Imaging Centre Development
Typical Drainage Details
Sheet 5 of 6

Designed	T Fundira	TAF	Eng check	A Sims	AS
Drawn	L Shipley	LS	Coordination	C Smith	CS
Dwg check	A Sims	AS	Approved	J Heeds	JH
MMD Project Number 100114293		Scale at A1 As Shown			Security STD
Suitability Description Suitable for Review and Comment					Suit. Code S3
Drawing Number CASICD-MMD-XX-XX-DR-D-100014					Revision P03