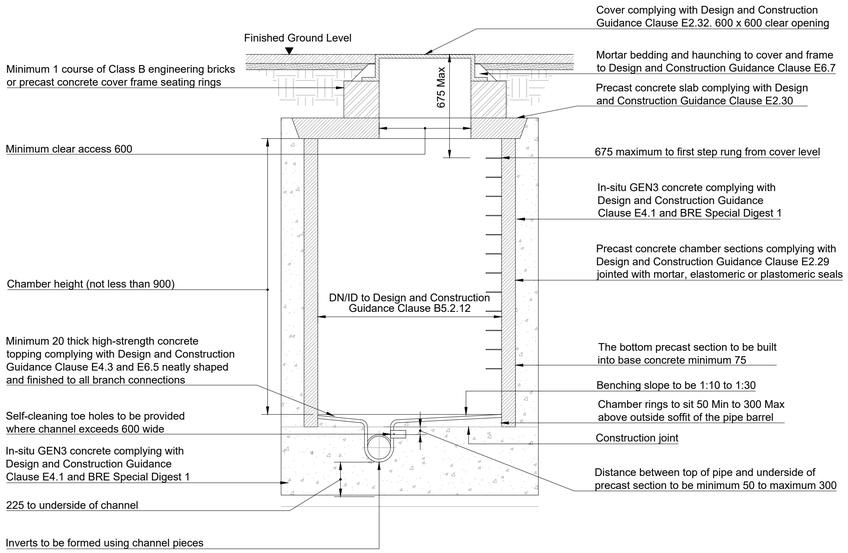
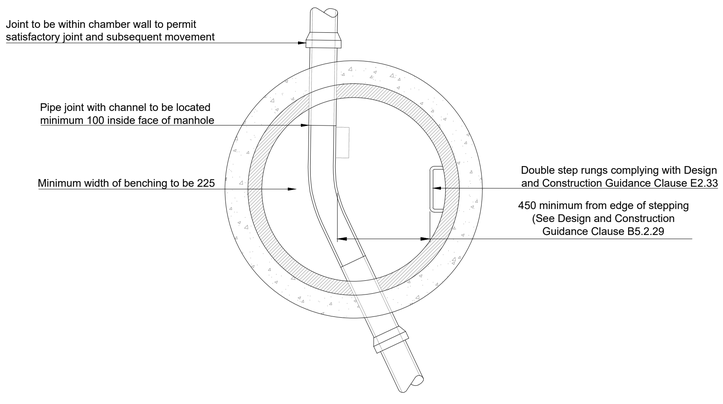


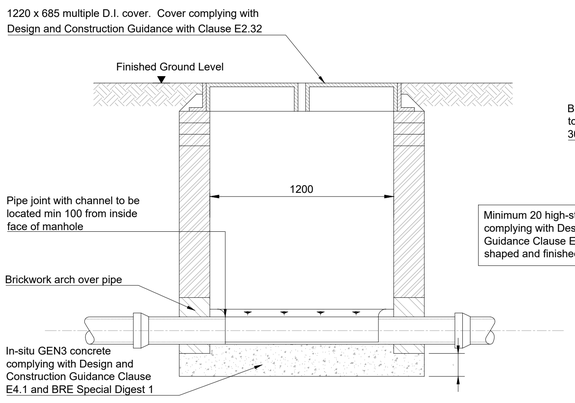
Typical Manhole Type B

Alternative rigid material construction with concrete surround
(Refer to Figure B10 in Design and Construction Guidance)
Scale 1:20



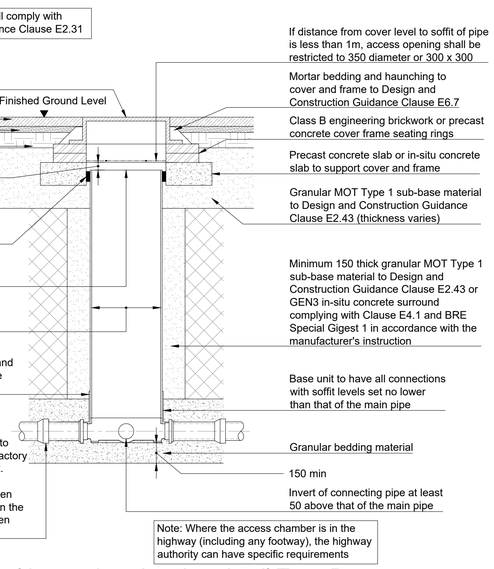
Typical Manhole Type B Plan

Scale NTS



Manhole Type C Section A - A

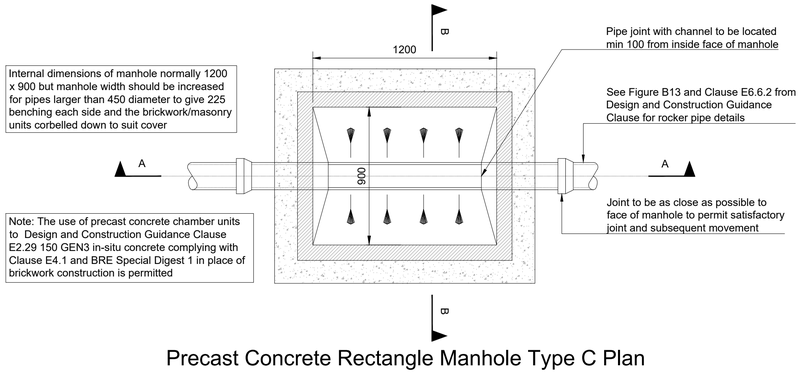
Scale 1:20



Manhole Type C Section B - B

Scale 1:20

Minimum 20 high-strength concrete topping complying with Design and Construction Guidance Clause E4.3 and E6.5 neatly shaped and finished to all branch connections



Precast Concrete Rectangle Manhole Type C Plan

(Refer to Figure B14 in Design and Construction Guidance)
Scale 1:20

Plastic chambers and rings shall comply with Design and Construction Guidance Clause E2.31

Note: Where the access chamber is in the highway (including any footway), the highway authority can have specific requirements

Typical inspection chamber detail Type D

Flexible material construction for use in areas subject to vehicle loading
(Refer to Figure B18 in Design and Construction Guidance)
Scale 1:20

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1:20 0 1m 2m

C:\Users\lea75161\Mott MacDonald\The Christie CT Redevelopment - P23 Input - Do\Develop\D Drainage Engineer\DR Drawing Renditions\CASICD-MMD-XX-XX-DR-D-100010-100015 P02.dwg Dec 12, 2025 - 7:28AM LEA75161

Notes

1. Do not measure from this drawing.
2. Drawing measurements in millimetres unless stated otherwise
3. Levels in metres above ordnance datum (mAOD).
4. Proposed drainage designed in accordance with Building Regulations Part H and Sewerage Sector Guidance (SSG) Appendix C.

Key to symbols

Reference drawings

CASICD-MMD-XX-XX-DR-D-100000 - Drainage Masterplan
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-100014 - Typical Drainage Details Sheet 5 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
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 1 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	Scale at A1	Security
100114293	As Shown	STD

Suitability Description	Suit. Code
Suitable for Review and Comment	S3

Drawing Number	Revision
CASICD-MMD-XX-XX-DR-D-100010	P02