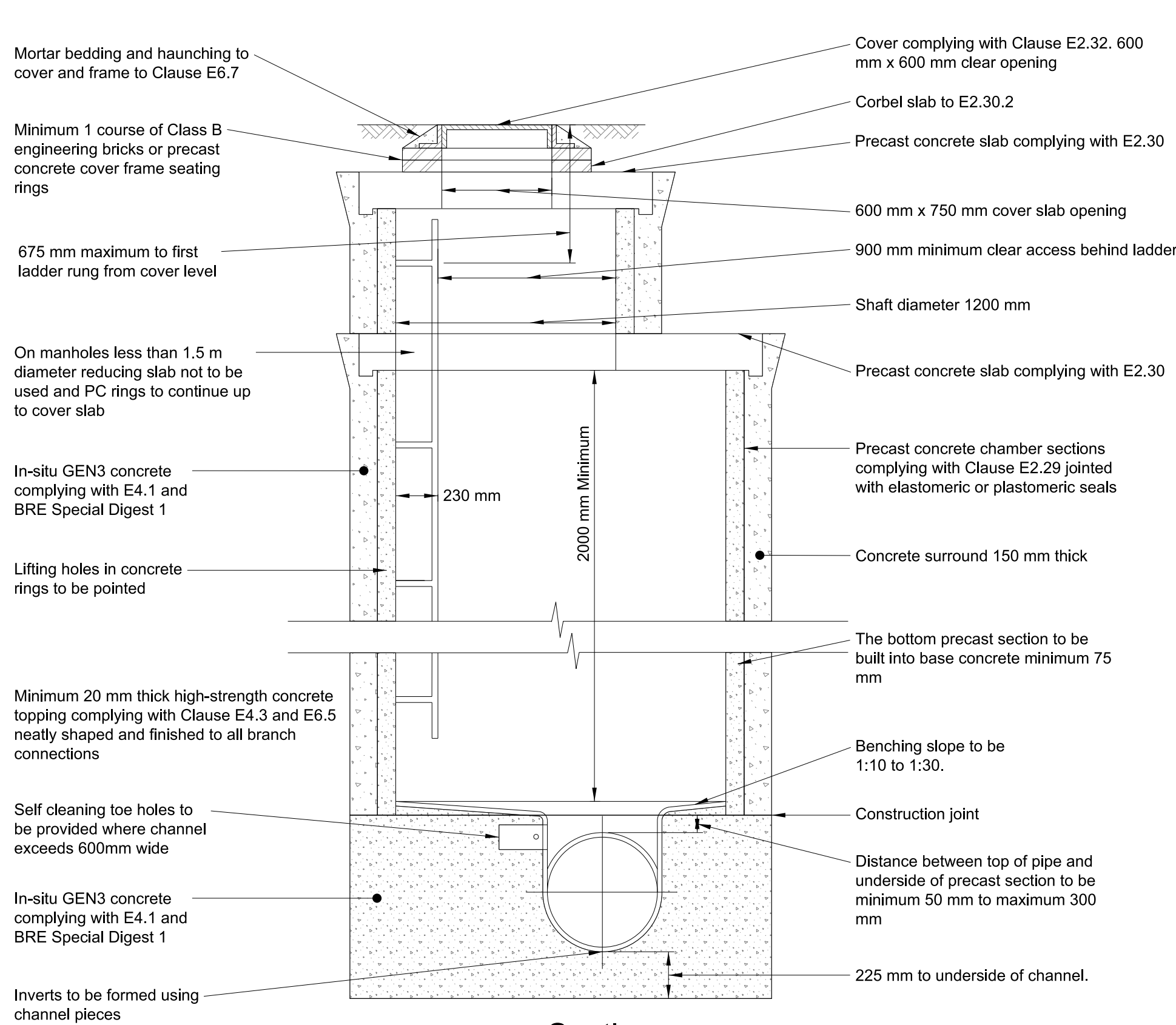
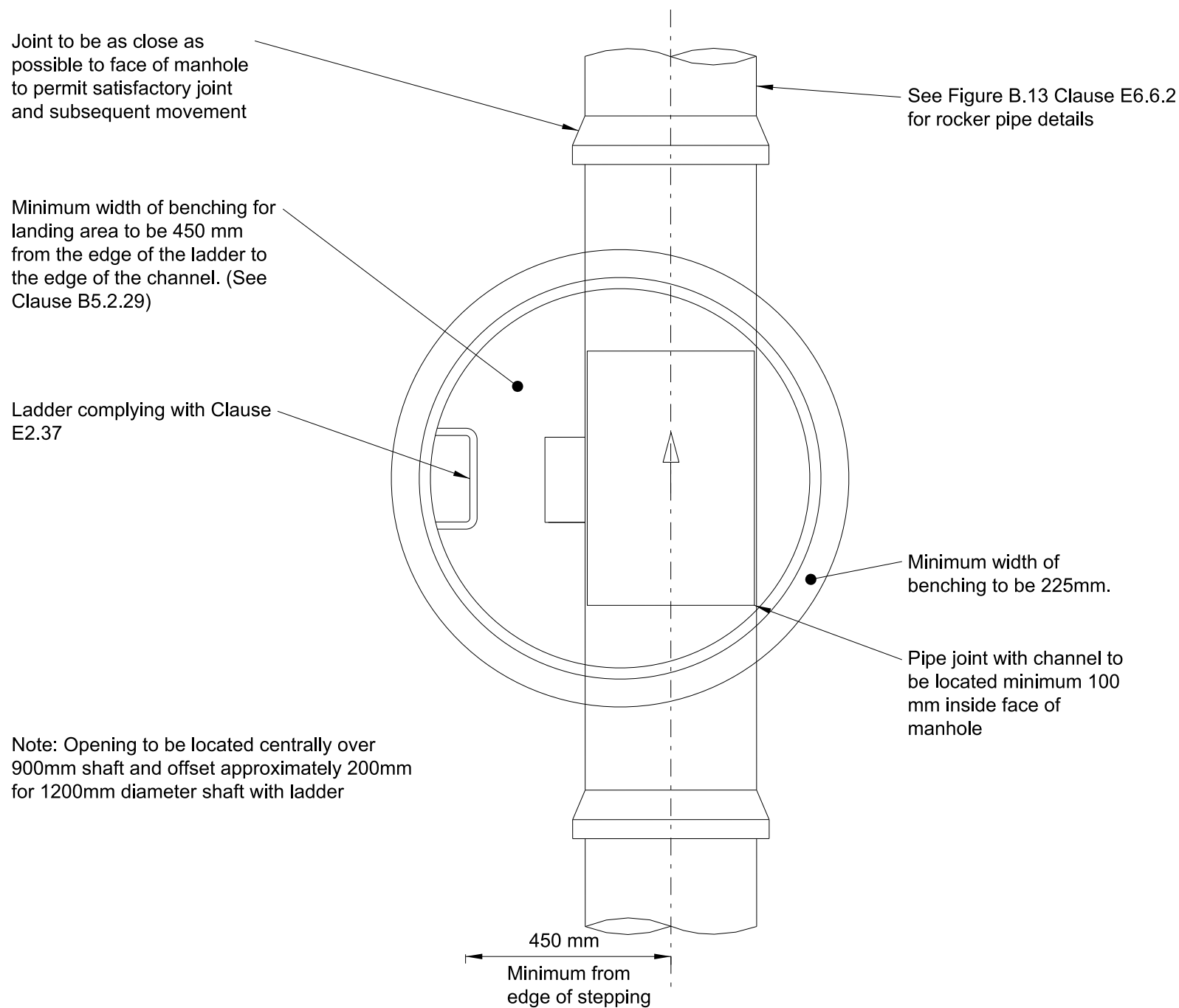




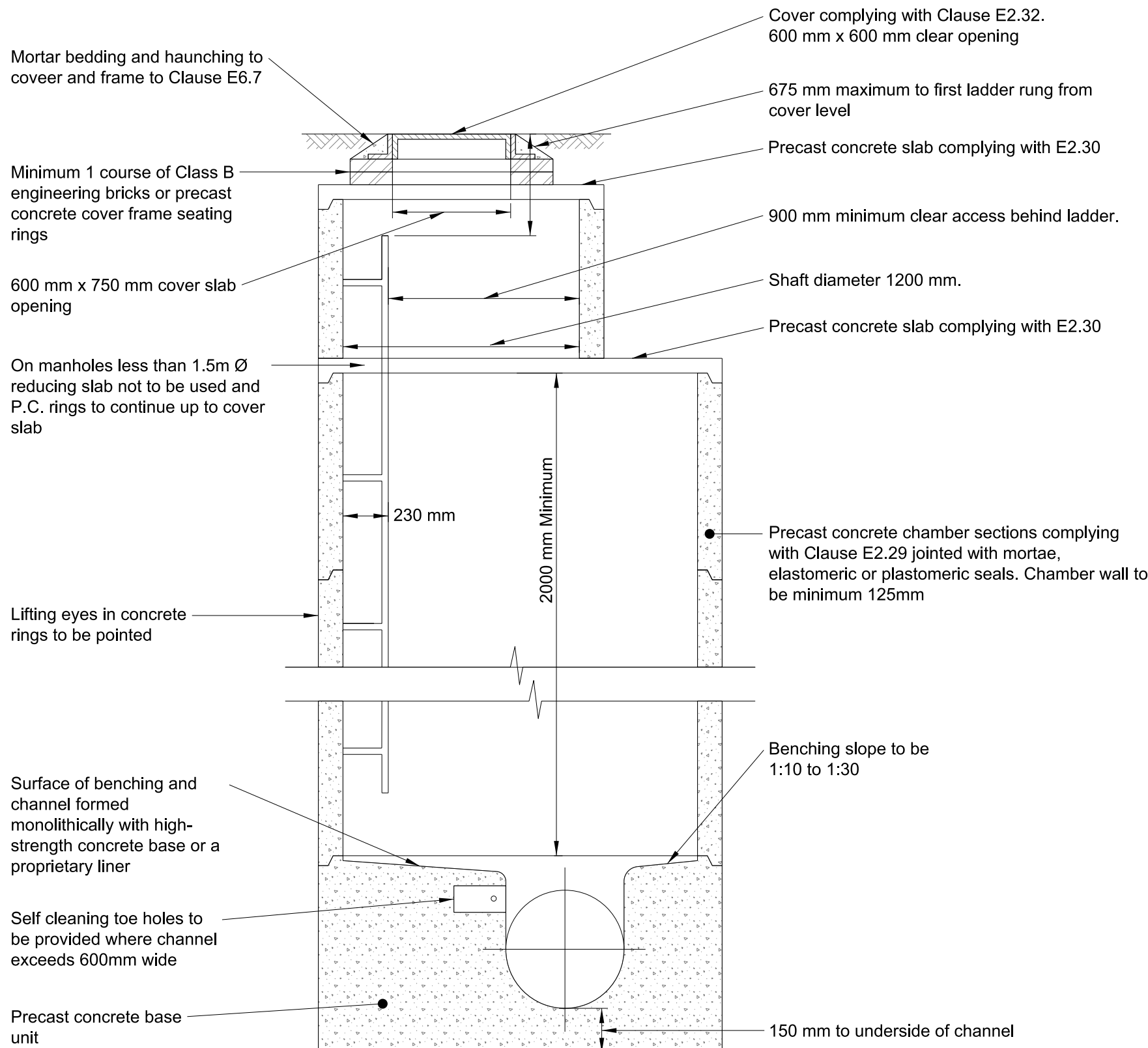
Section



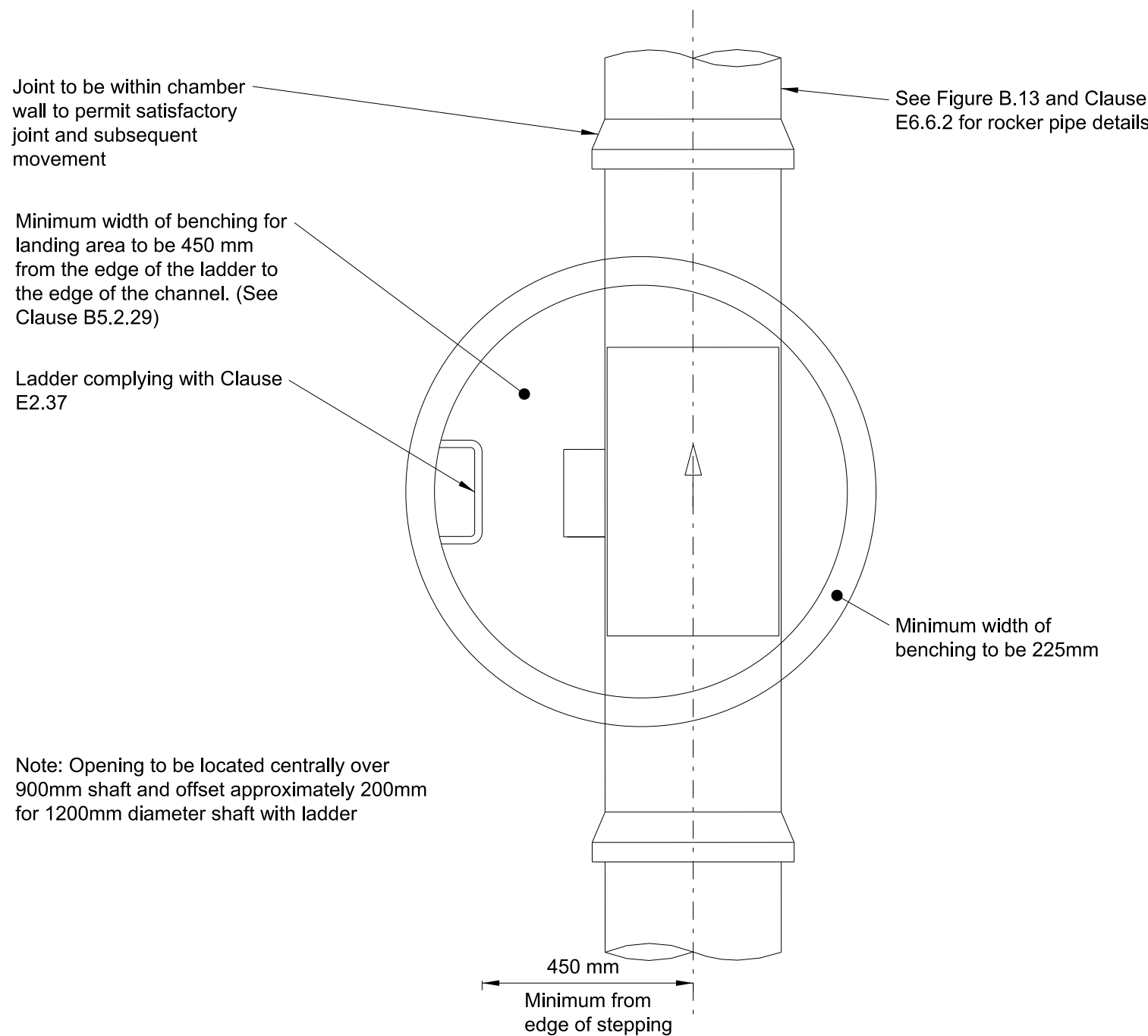
Plan

Typical manhole detail – Type A1
Depth from Cover Level to Soffit of Pipe 3 m to 6 m With Ladder and Reducing Slab
Rigid Material Construction With Concrete Surround

Scale 1:25



Section



Plan

Typical Manhole Detail Type 1A
Depth from Cover Level to Soffit of Pipe 3m to 6m with Ladder and Reduced Slab
Rigid Material Construction Without Concrete Surround

Scale 1:25

Notes

- All dimensions are in mm, all levels in mAOD, unless specified otherwise.
- Do not scale from this drawing.
- This drawing should be read in conjunction with all relevant Engineer's and Architect's drawings, reports and specifications
- Concrete Requirements. Concrete to be in accordance with BS 8500 parts 1 and 2:
 - Concrete chemical class - Made ground: AC-3s DC-3
 - Natural ground: AC-1s DC-1
 - Blinding: GEN 1
 - Bases and Surround: GEN 3.
- Drainage construction materials:
 - Surface Water Drainage pipes - Polyethylene (for pipes over 600mm dia), Polypropylene (for pipes over 300mm dia) and PVC (for pipes under 300mm dia) in accordance with BS13476 to have BSI kitemark status (certified to WIS 4-35-01)
 - Foul Drainage Pipes - Vitrified Clay in accordance with BS EN 295
 - Manholes - Precast Concrete
 - Inspection Chambers - Polypropylene in accordance with BS 7158
- For the Infrastructure Specification refer to VNIF-ARP-ZZ-YYY-SP-C-0001. Where this drawing refers to a Clause/Figure/Table, this can be found in the "Design and Construction Guidance for foul and surface water sewers offered for adoption" - Rev 2.1 - dated 25th May 2021.

Rev	Date	Description	By	Chkd	Appd	Auth
P01	17/12/21					
P02	01/02/22					
P03	22/07/22	WS4 Issue to BAM				
P04	08/08/22	Issued for Technical Approval	ES	DH	RG	—
P05	09/09/22	Issued for S104 Application	ES	DH	RG	—
P06	10/10/22	Full WS4 Issue	ES	DH	RG	—
P07	20/10/22	Issued for Full WS4	ES	DH	RG	—

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Client



Project Title
Victoria North HIF Infrastructure & Enabling Works

Drawing Title
Drainage Details
Sheet 1 of 5

Scale at A1		1:25		Arup Job No		282022-00	
Role		Civil - Drainage					
Suitability		S4 - Issued for Construction Approval					
Rev	By	ES	Chkd	DH	Appd	RG	--
	P07	Date	19/10/22		Date	20/10/22	
		19/10/22		20/10/22		Date	20/10/22
Date		19/10/22					
Name		VNIF - ARP - 00 - YYY - DR - CD - 0004					
Project		Originator	Volume	Location	Type	Role	Number