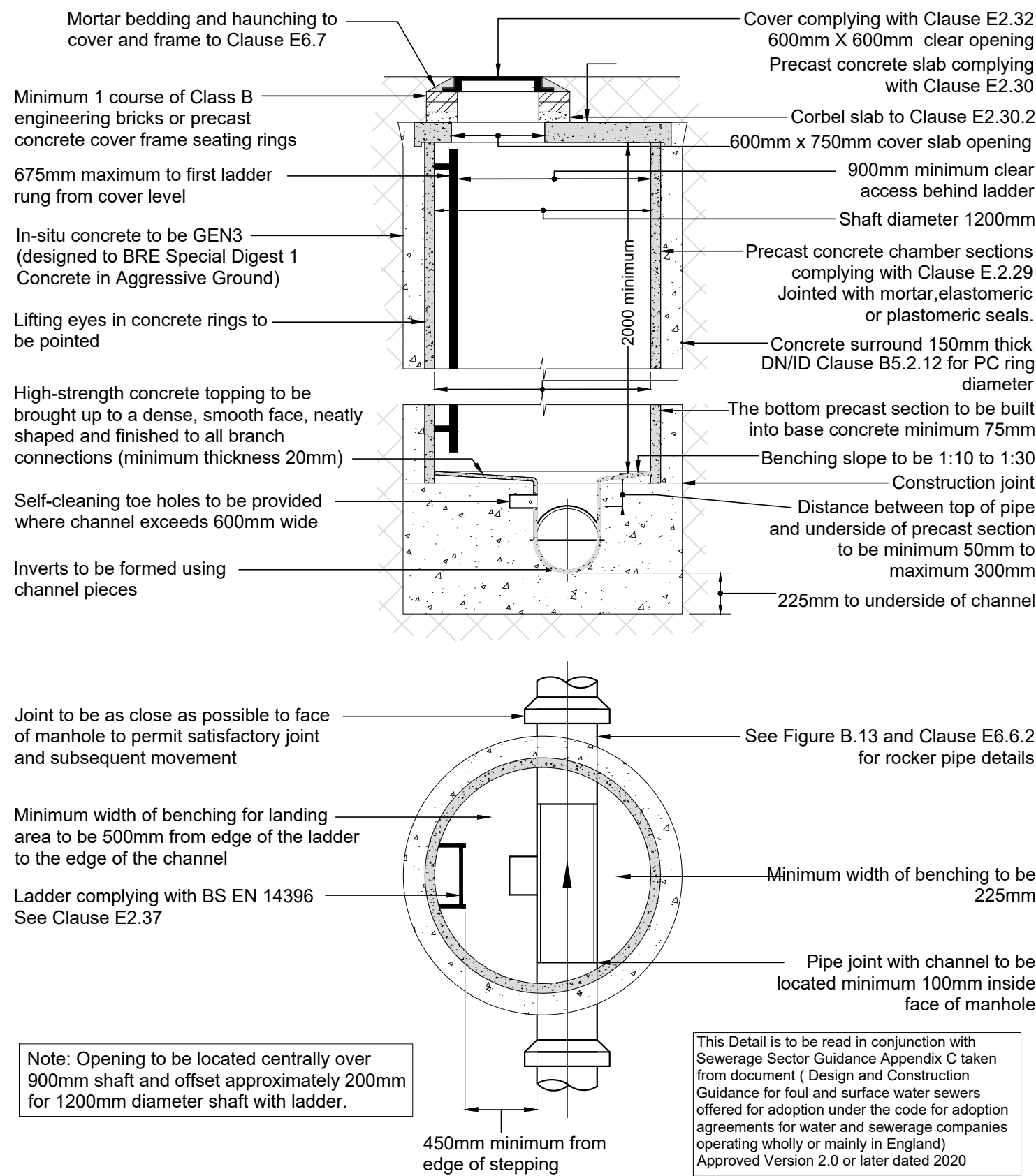
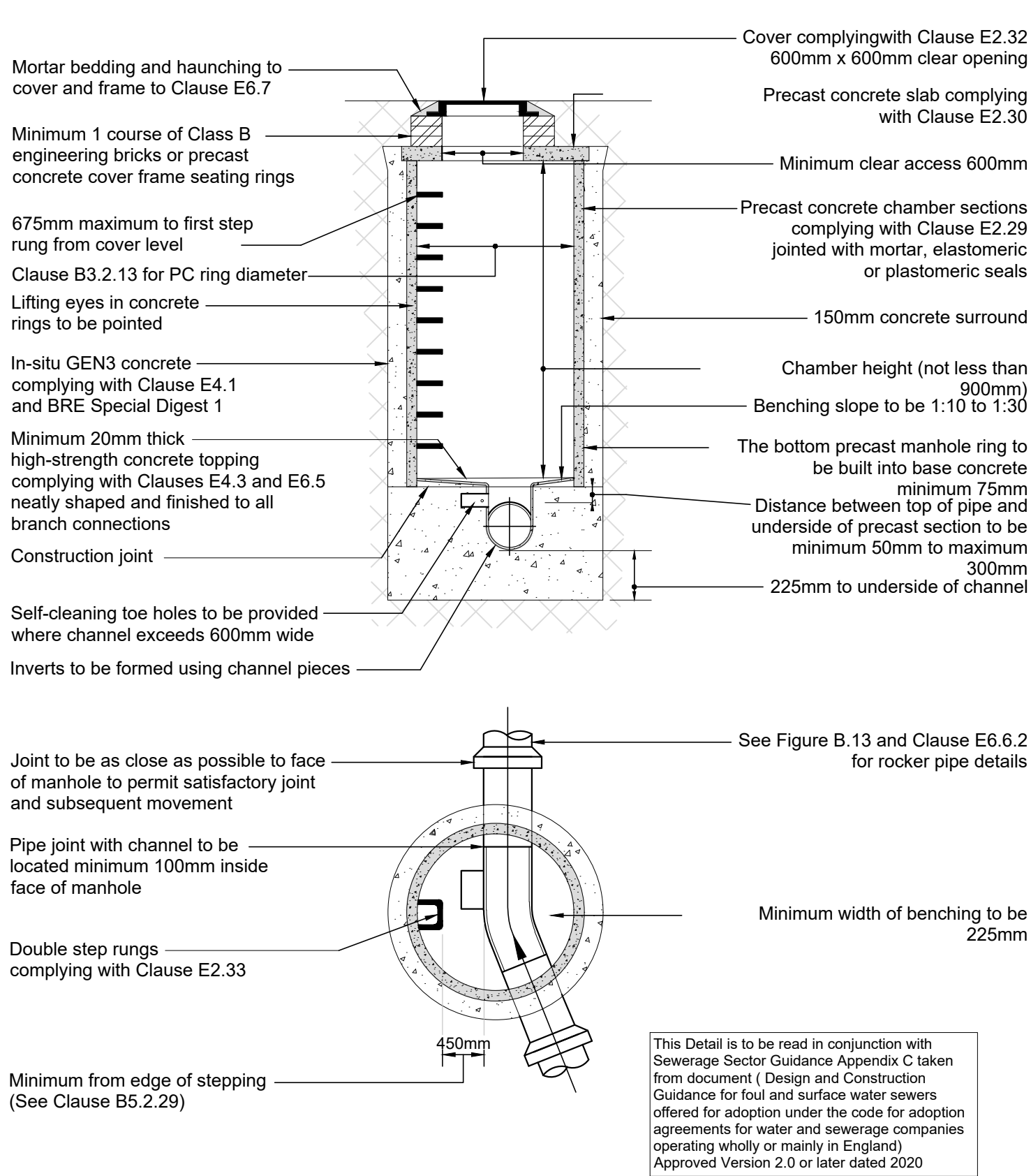




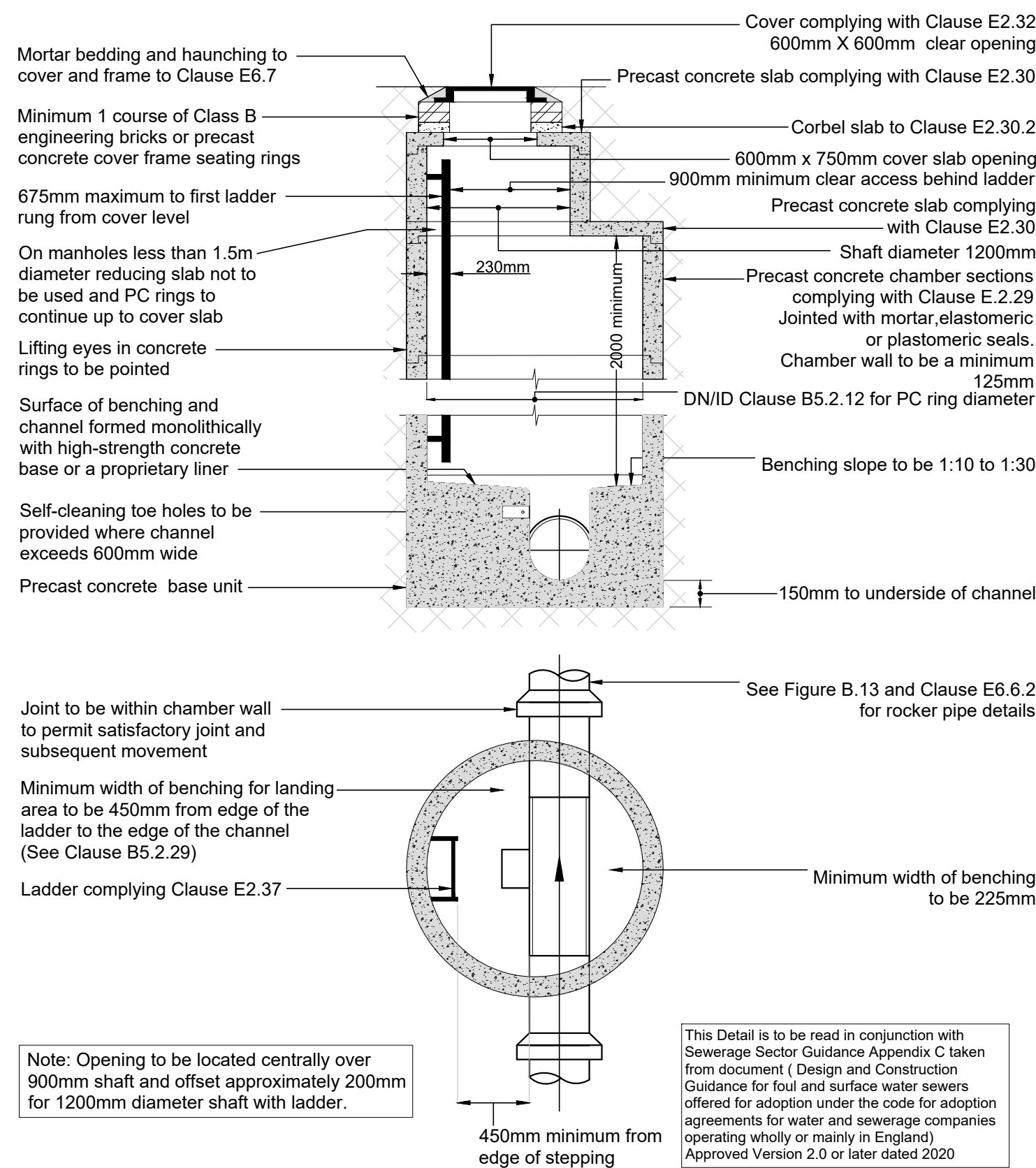
TYPICAL MANHOLE DETAIL - TYPE A2

(Depth from cover level to soffit of pipe 3 m to 6 m with ladder
Alternative rigid material construction with concrete surround)



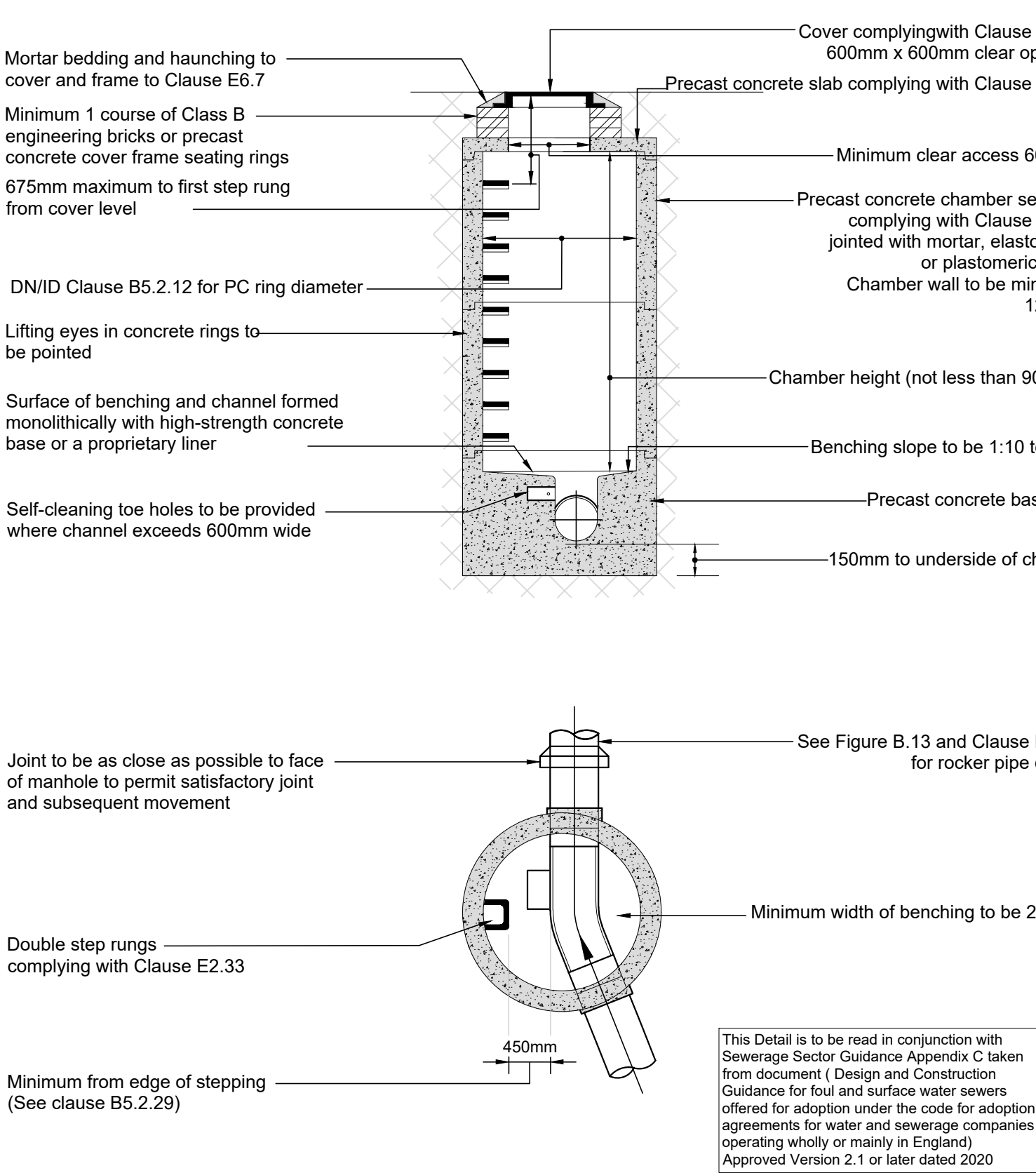
TYPICAL MANHOLE DETAIL - TYPE B

(Depth from cover level to soffit of pipe 1.5 m to 3 m
Alternative rigid material construction with concrete surround)



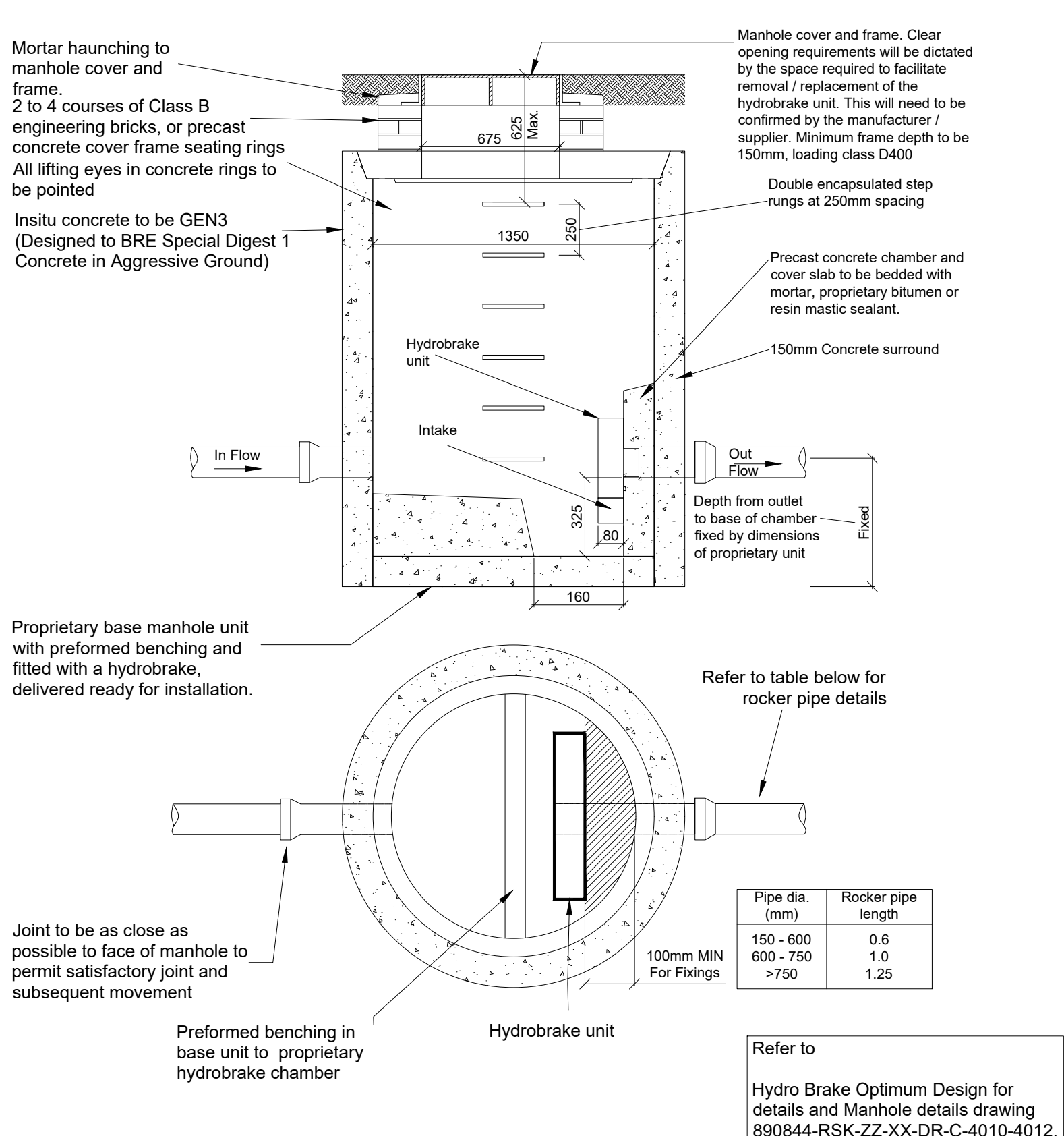
TYPICAL MANHOLE DETAIL - TYPE A1

(Depth from cover to soffit of pipe 3 m to 6 m with ladder and reducing slab
Rigid material construction without concrete surround)



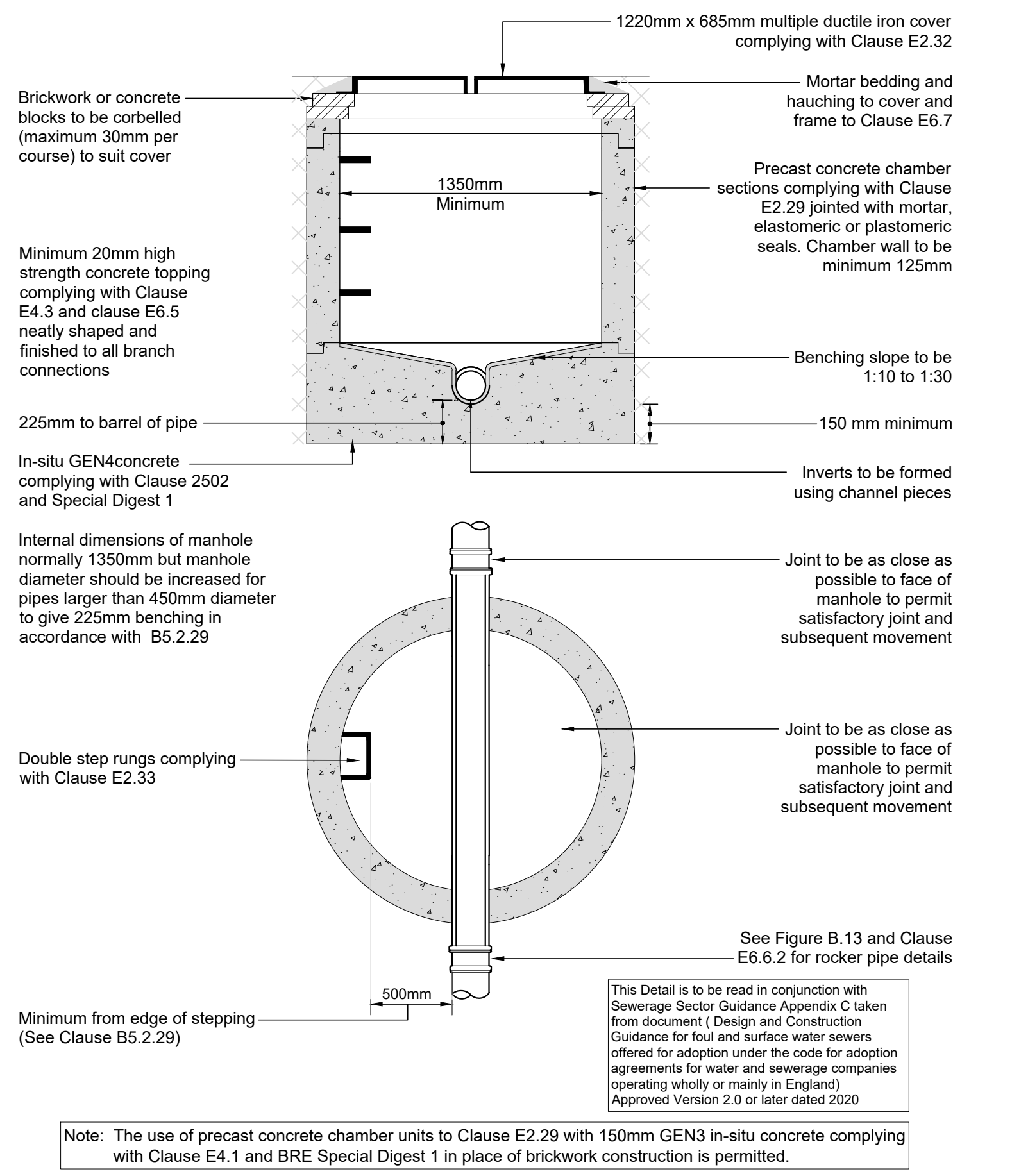
TYPICAL MANHOLE DETAIL - TYPE B

(Depth from cover level to soffit of pipe 1.5 m to 3 m
Rigid material construction with concrete surround)



HYDROBRAKE CHAMBER (N.T.S.)

(to utilise a proprietary base unit with hydrobrake pre-installed)



TYPICAL MANHOLE DETAIL - TYPE C

(Depth from cover level to soffit of pipe less than 1.5m
Maximum pipe size 450mm diameter
Rigid material construction)

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing. Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Notes:

1. Do not scale this drawing.

2. This drawing is to be read in conjunction with all relevant Engineers drawings and specifications.

3. For Site Drainage Layout see Drawing No 890844-RSK-ZZ-XX-DR-C-3000-3005-Site Drainage Layout.

4. All adoptable drainage works shall be constructed in accordance with the requirements of the Design and Construction Guidance document.

5. All chamber covers and frames shall be heavy duty ductile iron, kitemarked and compliant with BS EN 124. All covers used in carriageways shall be D400 classification.

6. All precast concrete chamber rings, covers slabs and seating rings to conform with BS EN 1917 and BS 5911-3 and shall be installed in accordance with the manufacturer's recommendations and guidance.

7. The high strength concrete topping as shown on this drawing shall be a granolithic concrete complying with the relevant provisions of BS 8204-2.

8. All institute concrete specified on this drawing shall be compliant with BS EN 206 and BS 8500.

9. All drainage pipes to be compliant with DCG section E2.19 for concrete pipes, E2.18 for vitrified clay pipes and E2.22 for structured wall thermoplastic pipes. Subject to Water Authority approval through S104 Agreement.

10. All pipe bedding and surround material shall comply with Water Industry Standard WIS 4-08-02, where processed granular materials are to be used.

T01

11.07.2025

Issued for Tender.

LN

AM

RD

P01

30.06.2025

Preliminary Tender Pack. Issued for Clients Comments.

LN

AM

Rev.

Date

Amendment

Drawn

Chkd.

Appd.

LDE

CIVILS | STRUCTURES | HYDROLOGY

an RSK company

18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT
United Kingdom

Tel: +44 (0) 1442 437500
Fax: +44 (0) 1442 437550
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client

CALA

Project Title

WEST HOATHLY
BRICKWORKS

Status

TENDER

Drawing Title

DRAINAGE CONSTRUCTION
DETAILS
(SHEET 1 OF 4)

Drawn

Date

29.04.2025

Checked

Date

04.07.2025

Approved

Date

RD

Scale

NTS

Orig Size

A1

Dimensions

M

Project No.
00347

Drawing File
890844-RSK-ZZ-XX-DR-C-4004-4007-Drainage
Construction Details.dwg

Drawing No.
890844

Rev.
T01

Orig.

Vol./Sys.

Lev./Loc.

Type

Role

Draw. No.

RSK

ZZ

XX

DR

C

4004