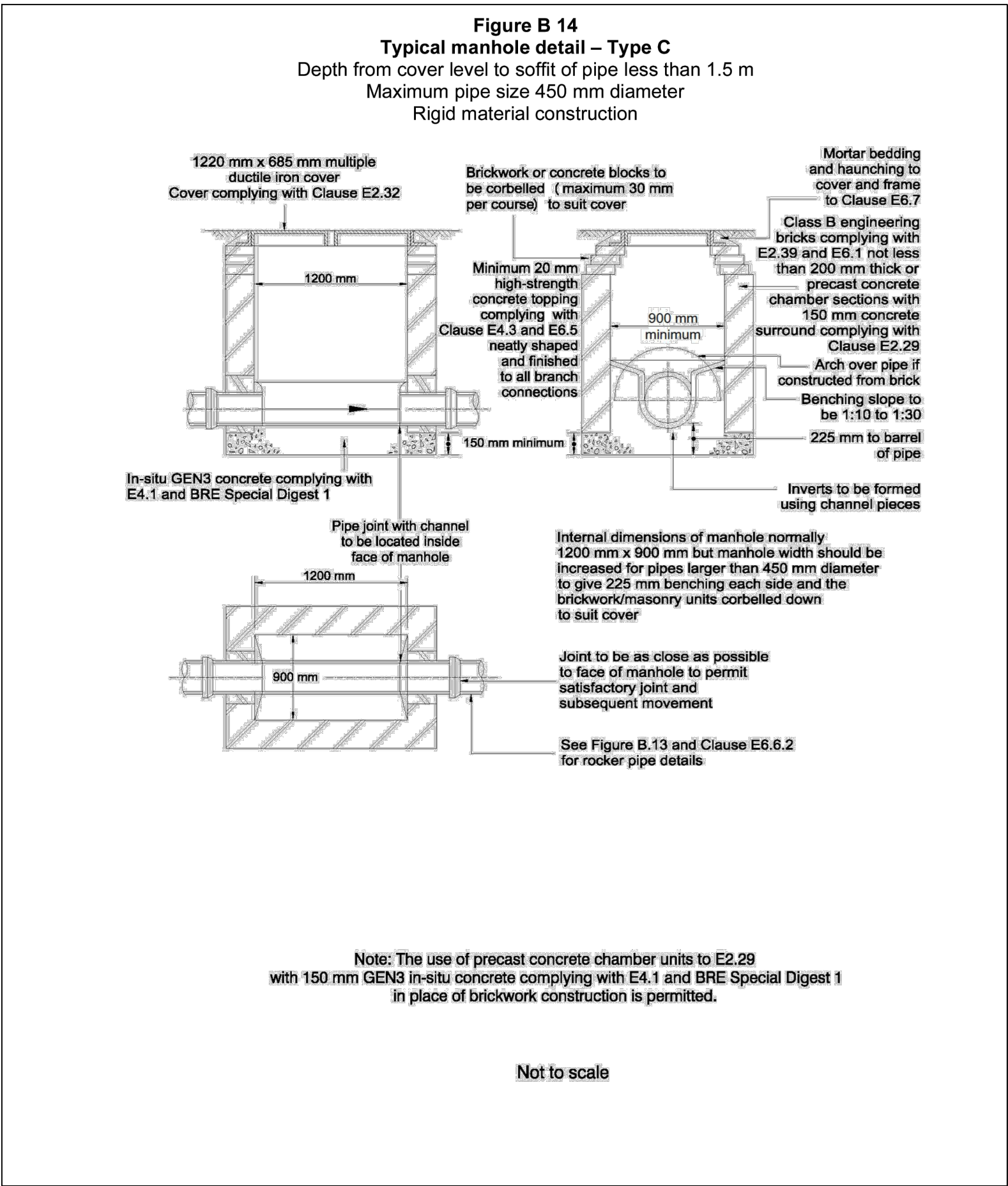
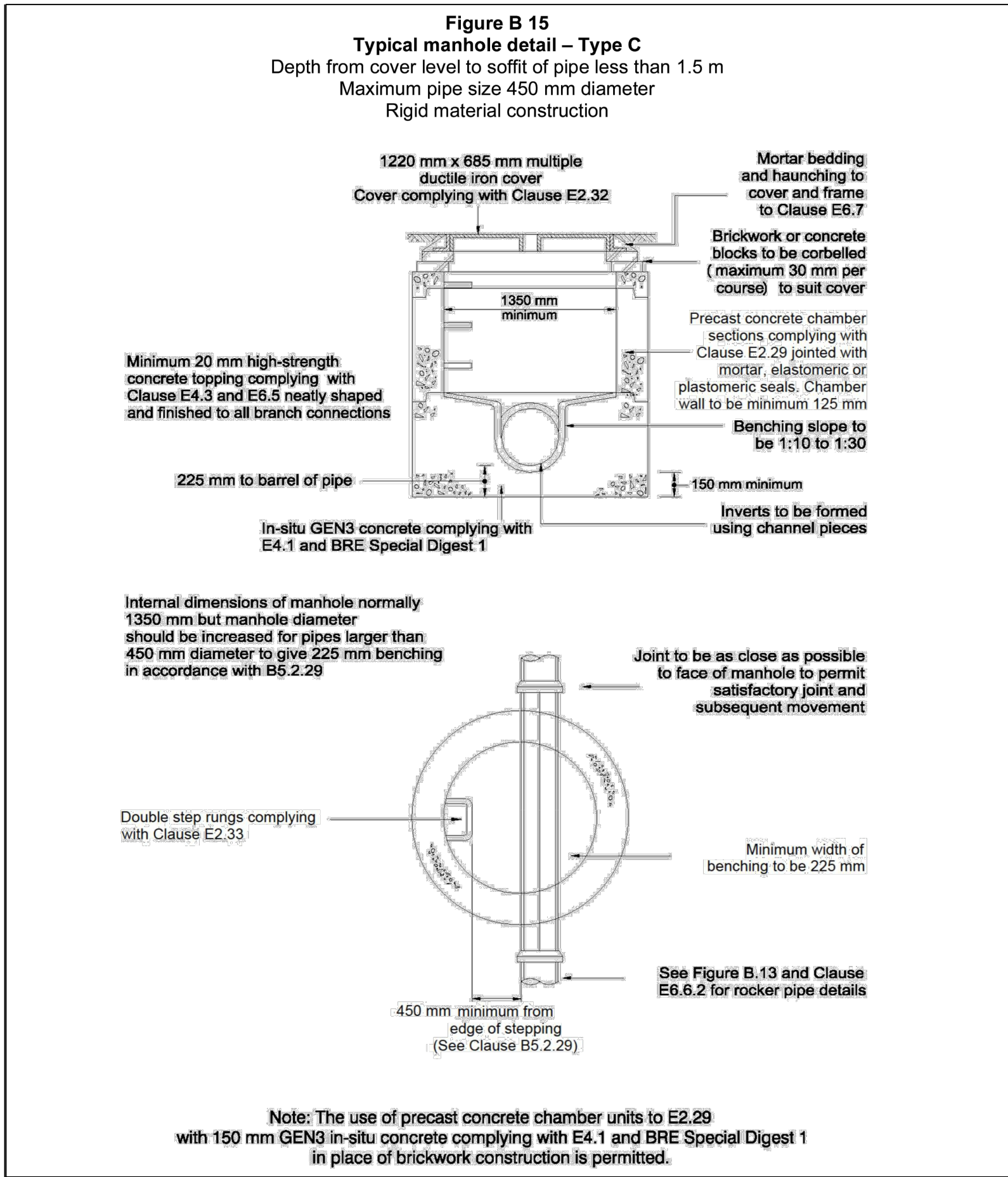




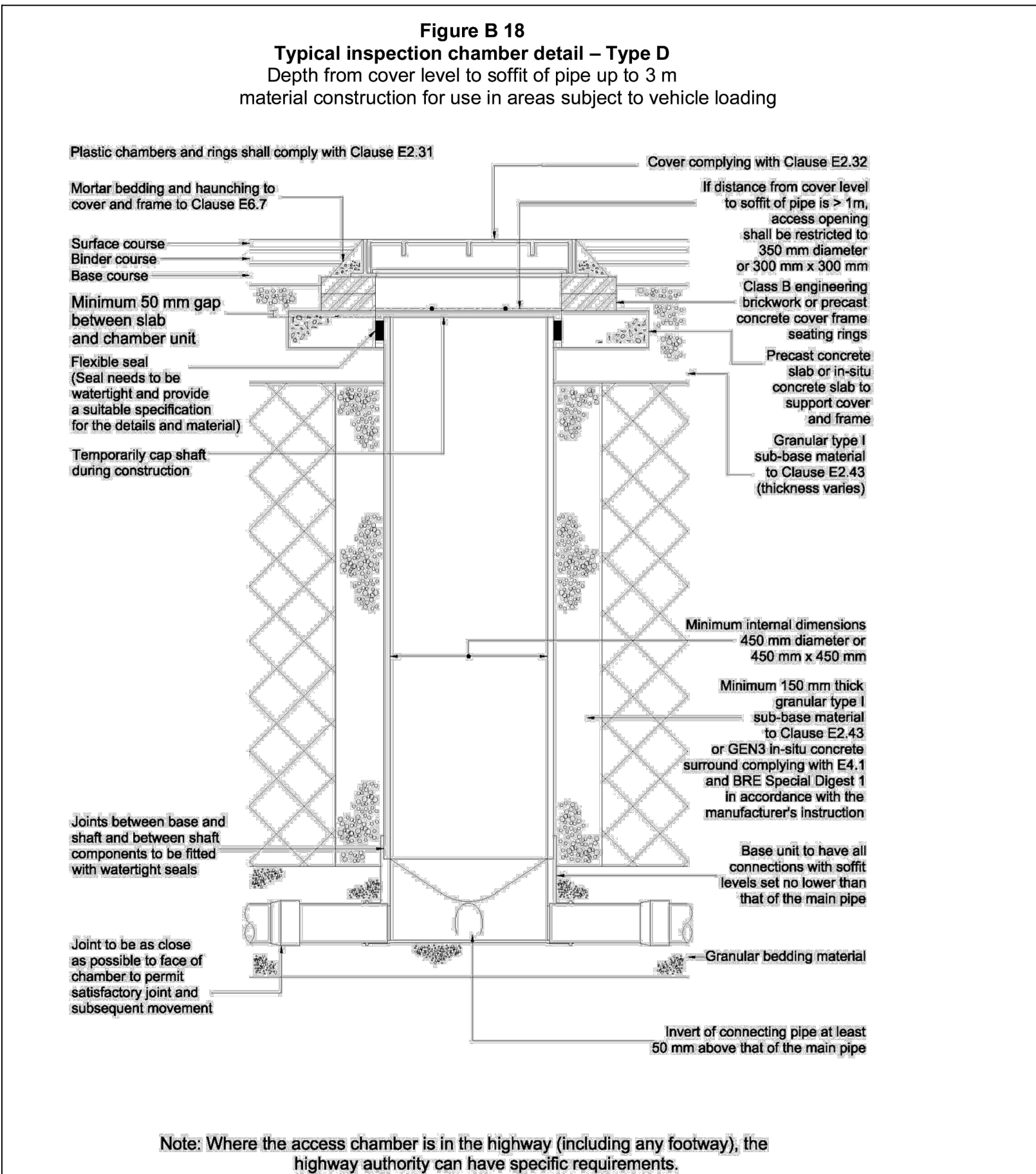
Manhole Type C (Option 1)  
Brickwork thick walled manhole, min. 200mm thick, no shaft /  
Thin walled manhole with 150mm concrete surround, no shaft  
Scale: n.t.s

(Manhole Details from Design and Construction Guidance)



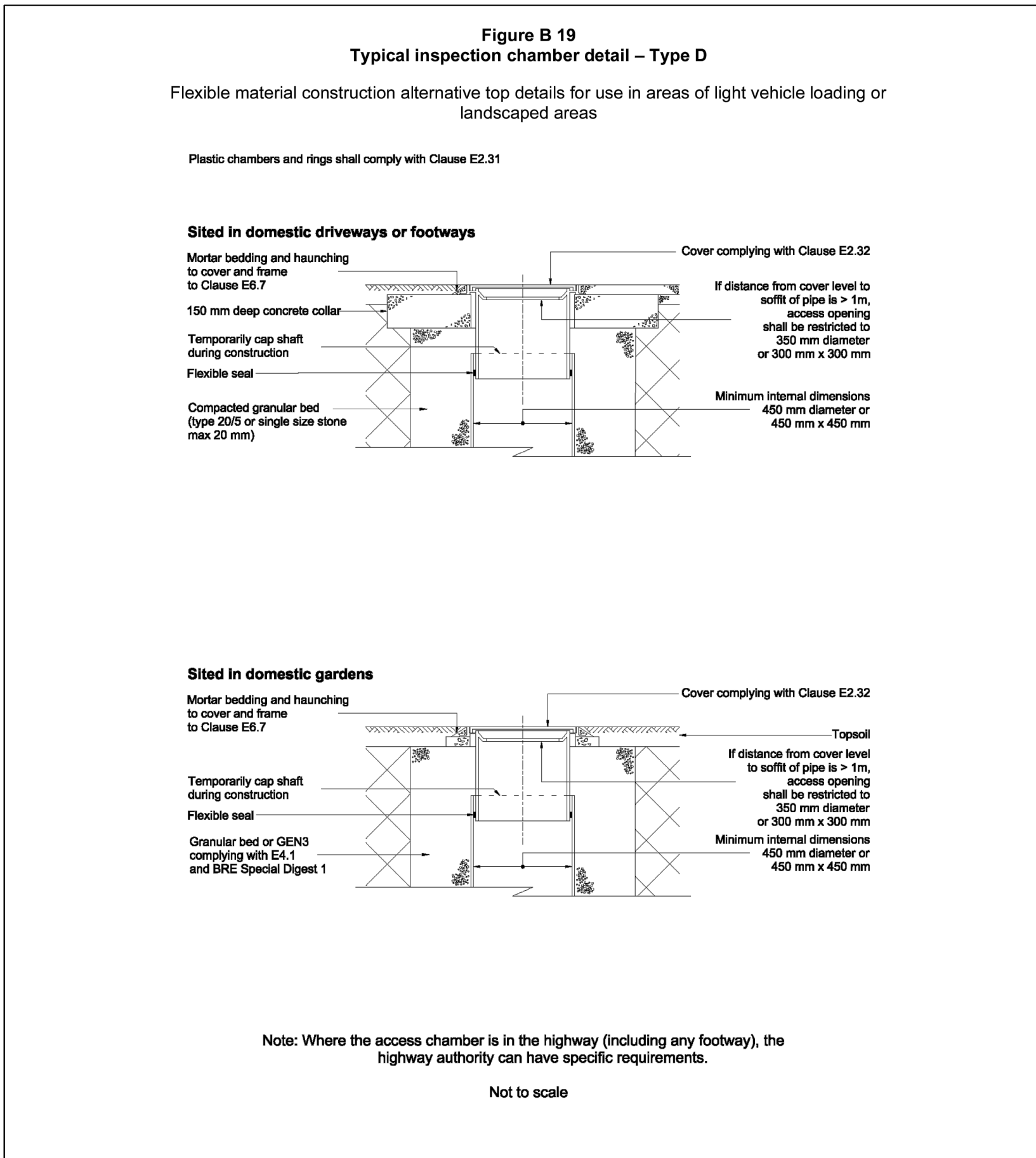
Manhole Type C (Option 2)  
Thick walled manhole, no concrete surround, no shaft  
Scale: n.t.s

(Manhole Details from Design and Construction Guidance)



Chamber Type D Thick walled Polypropylene Inspection Chamber, with Concrete surround or 150mm thick Type 1 Sub-Base material, no shaft  
(For use in areas subject to heavy vehicle loading)  
Scale: n.t.s

(Manhole Details from Design and Construction Guidance)



Chamber Type D Thick walled Polypropylene Inspection Chamber, with Granular surround, no shaft  
(For use in areas subject to light vehicle loading or landscaped areas )  
Scale: n.t.s

(Manhole Details from Design and Construction Guidance)

**Safety, Health & Environmental Information:**

In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below,

INDICATES A RESIDUAL RISK AS A WARNING

INDICATES A RESIDUAL RISK FOR INFORMATION

and described below:

Construction/Maintenance/Cleaning/Demolition  
Refer to Drawing:

**General Notes:**

- Do not scale from this drawing.
- All dimensions are in meters (m), all levels in metres (m) unless noted otherwise.
- Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
- Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
- The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
- The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
- This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.

|     |           |            |                                             |
|-----|-----------|------------|---------------------------------------------|
| P03 | DHNS      | 08.01.2026 | Updated to external design review comments. |
| P02 | DHNS      | 11/06/2025 | Drainage details updated                    |
| P01 | DHNU      | 13/11/2024 | Preliminary issue                           |
| Rev | By / Chkd | Date       | Description                                 |

**PRELIMINARY DRAWING**  
This drawing is not to be used for construction

Client High Voltage Grid Services  
Unit C Hambrook Business Park | The Stream | Hambrook | Bristol | BS16 1RQ  
www.hvgs.co.uk

BarnsleyMarshall Limited  
485 Prior Wharf  
Harris Business Park, Hanbury Rd  
Stoke Prior, Bromsgrove  
B694FG  
Tel: 01905 330650  
Email: design@barnsleymarshall.co.uk  
Web: www.barnsleymarshall.co.uk

**BarnsleyMarshall**

Project **275kV Substation, Coopers Lane, Kirkby L33 7TT**

Drawing **Drainage Details 01 Chamber Construction Details**

|                      |                                                                                                                                         |          |            |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|------------|
| By                   | SLW/JP                                                                                                                                  | Date     | 08/08/2024 |
| Drawing No.          | KIRK-BML-XX-XX-DR-C-0510                                                                                                                | Revision | P03        |
| BML Job No.          | 1126-01                                                                                                                                 | Status   | -          |
| Drawing Scale at A1: | n.t.s                                                                                                                                   |          |            |
| CAD Filename:        | Y:\Projects\1126-01 Omnia Projects Kirkby\04 - Working Information\05 - DWS\Drawings\KIRK-BML-XX-XX-DR-C-0510-0514 Drainage Details.dwg |          |            |