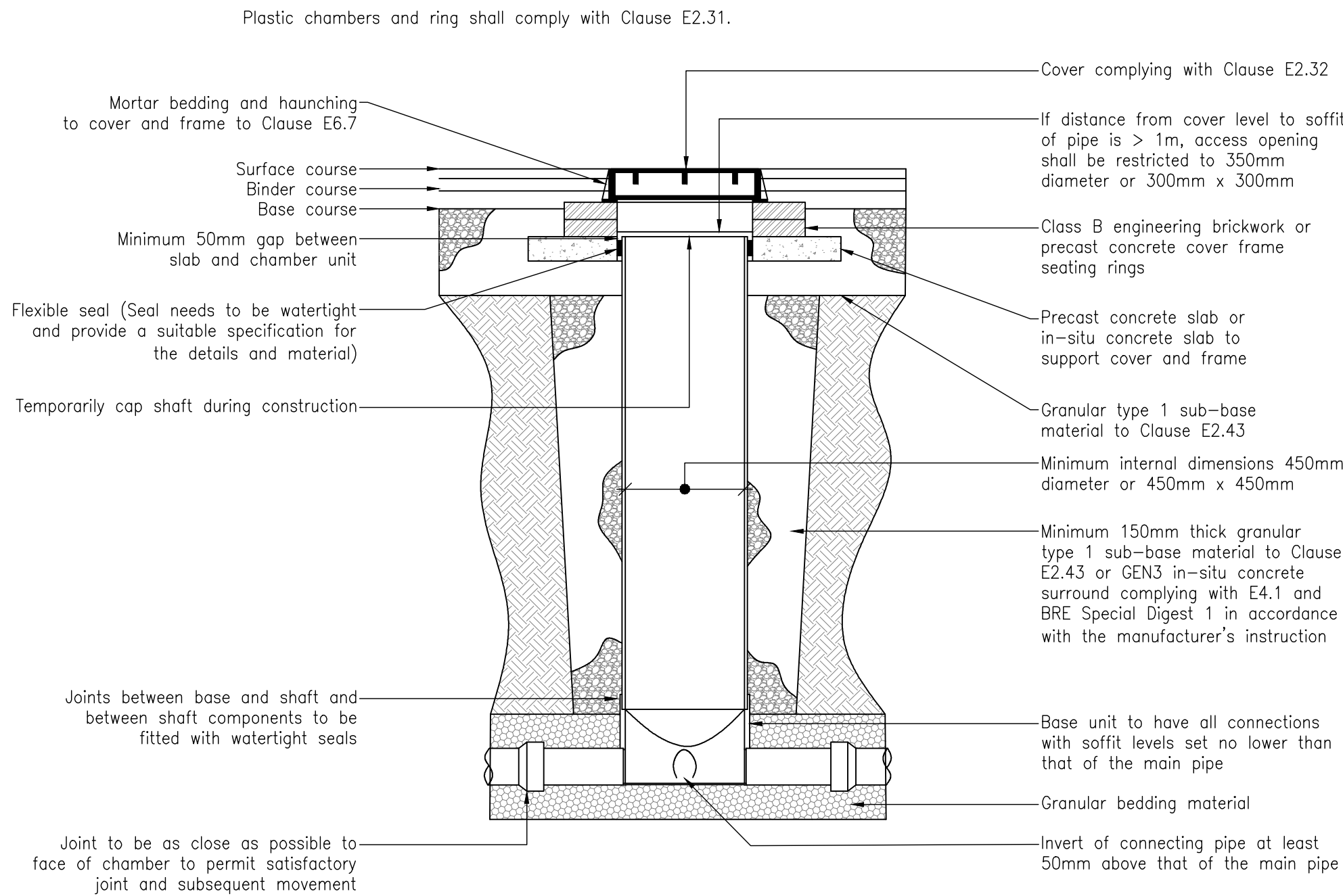


NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE) AND, ALL OTHER RELEVANT ENGINEERS, ARCHITECTS & SPECIALIST DESIGN DETAILS.
- STANDARD NOTES & DETAILS:**  
Refer to drawing number 0-170 onwards for standard notes - CIVIL  
  
Refer to drawing number 0-180 onwards for standard details - CIVIL



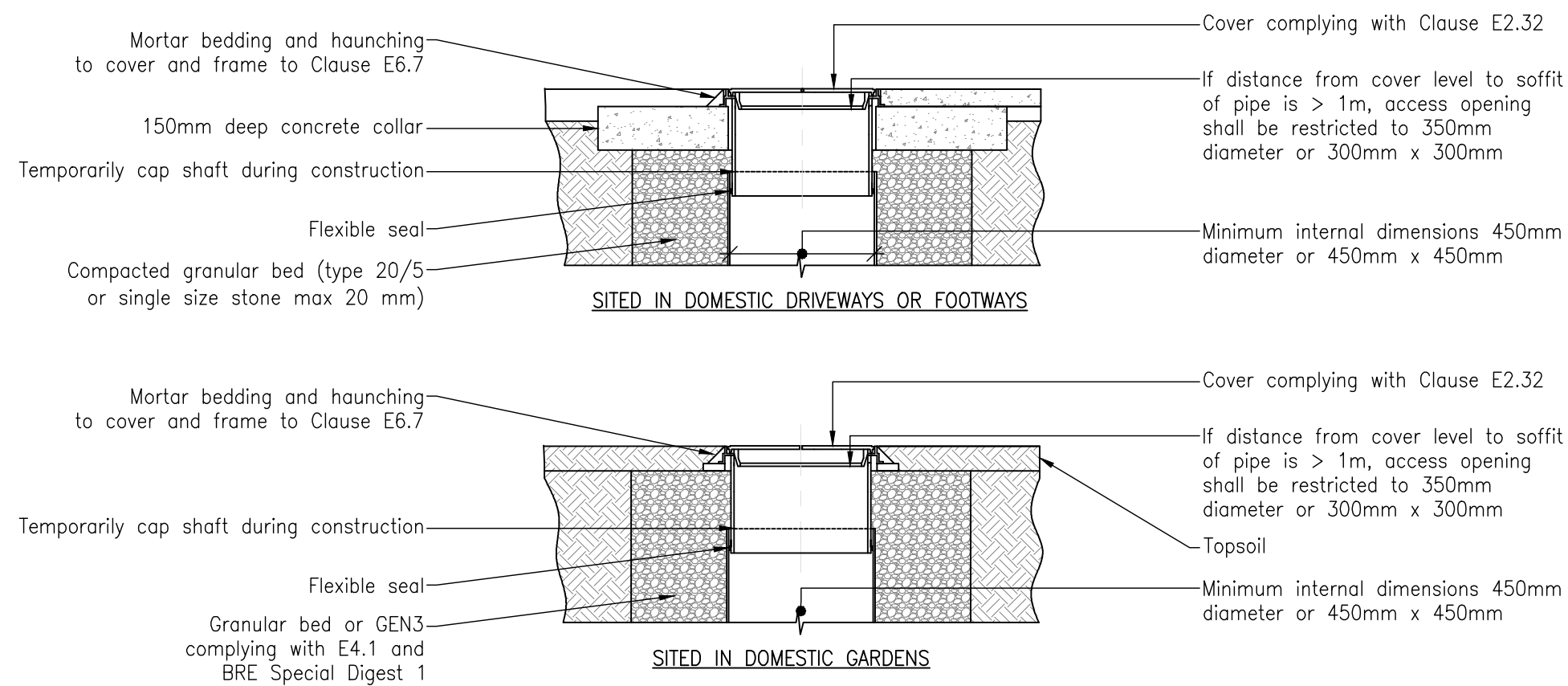
Note: Where the access chamber is in the highway (including any footway) the Highway Authority can have specific requirements

**TYPICAL INSPECTION CHAMBER DETAIL - TYPE D**

Scale 1:20

Depth from cover level to soffit of pipe up to 3m  
Flexible material construction for use in areas subject to vehicle loading

Plastic chambers and rings shall comply with clause E2.31



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

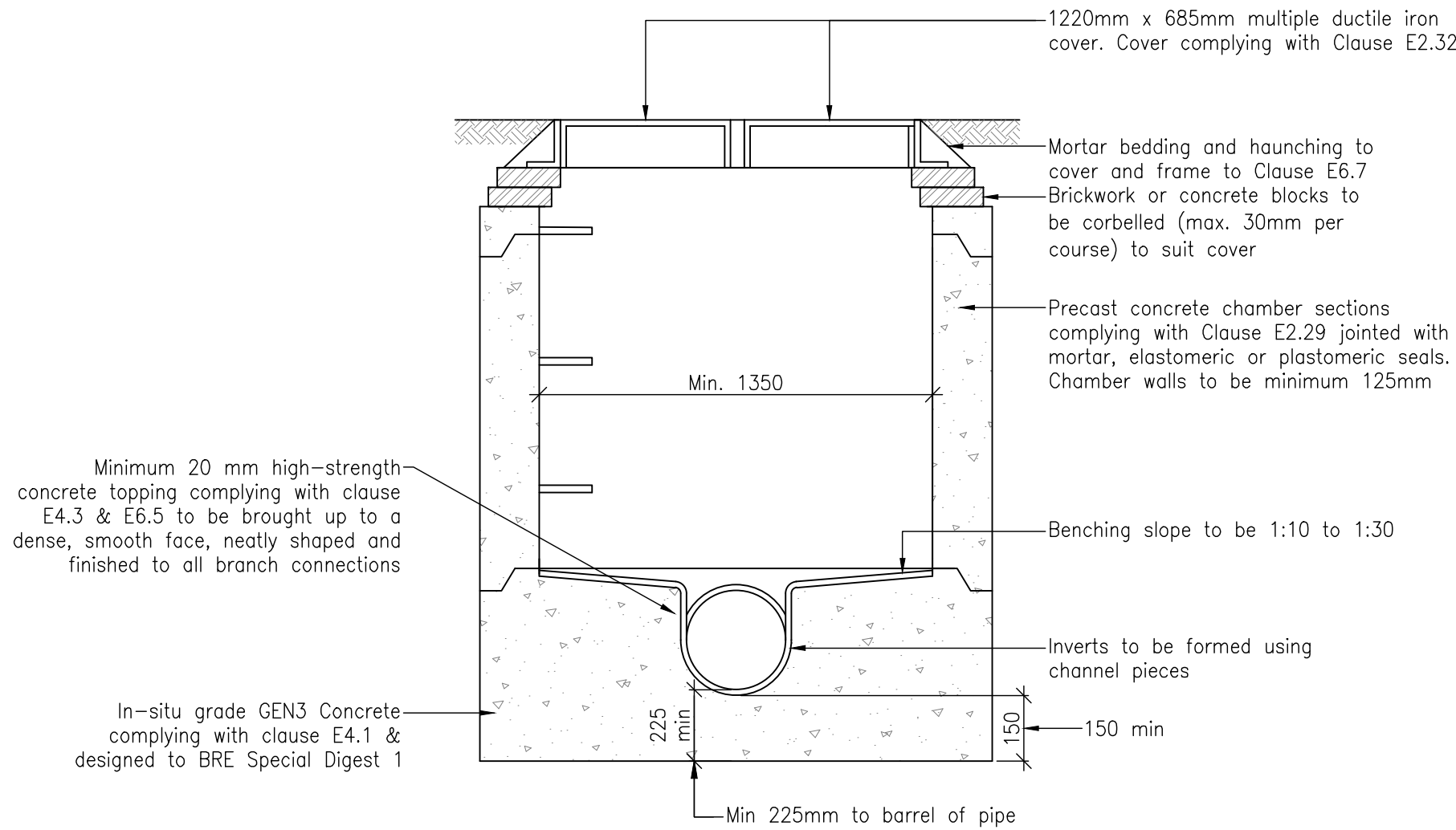
**ALTERNATIVE TOP DETAILS FOR TYPE D CHAMBERS**

Scale 1:20

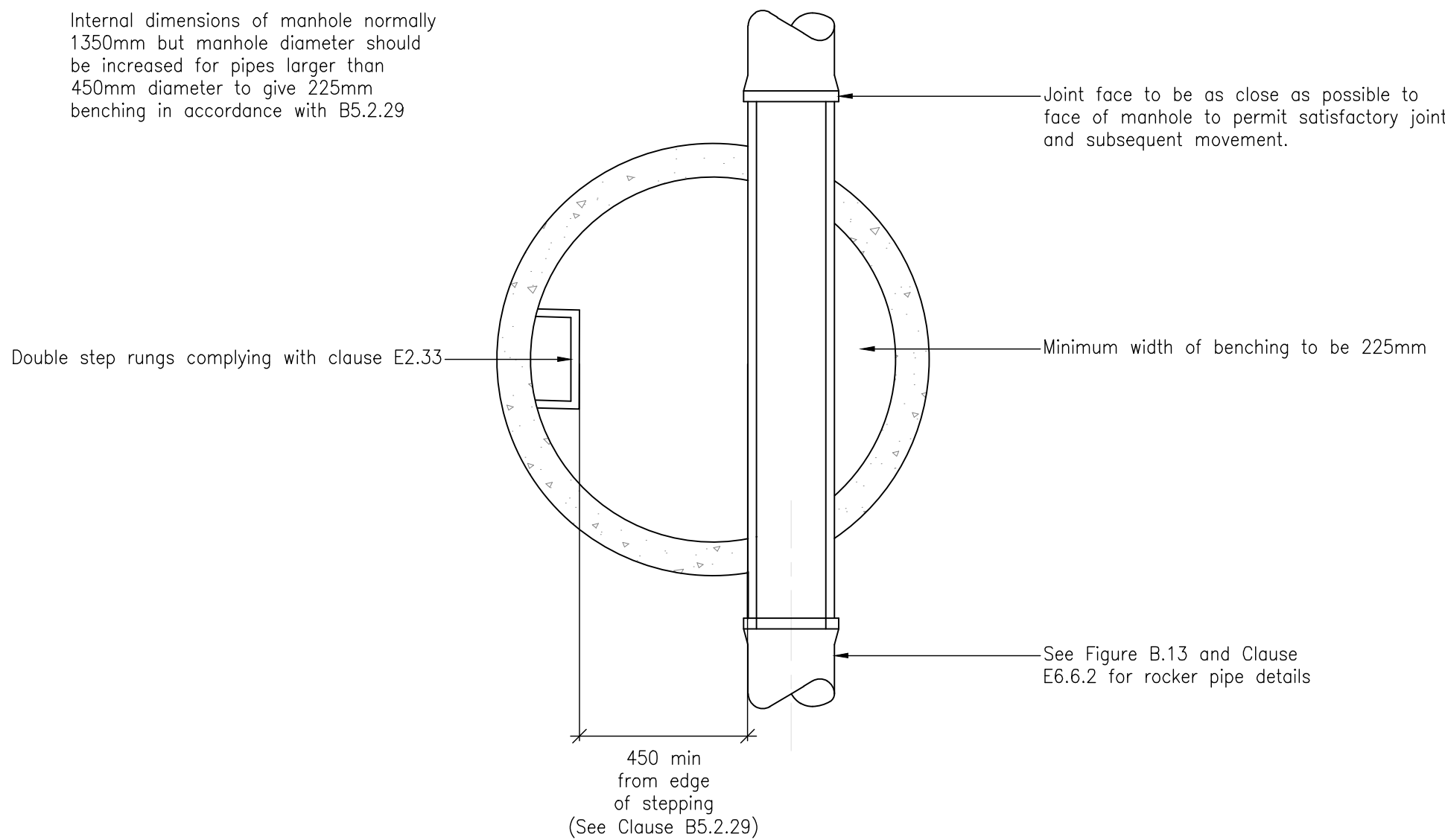
Flexible material alternative top details for use in areas of light vehicle loading or landscaped areas

**Rocker Pipe recommended lengths**

| Nominal Pipe Diameter (mm) | Minimum nominal internal dimension of manhole (mm) |
|----------------------------|----------------------------------------------------|
| 150 - 600                  | 0.6m                                               |
| 600 - 750                  | 1.0m                                               |
| Over 750                   | 1.25m                                              |



Internal dimensions of manhole normally 1350mm but manhole diameter should be increased for pipes larger than 450mm diameter to give 225mm benching in accordance with B5.2.29

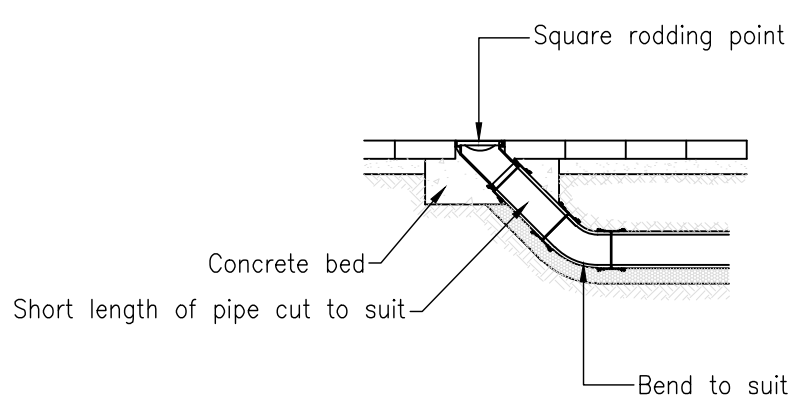


**TYPICAL MANHOLE DETAIL - TYPE C**

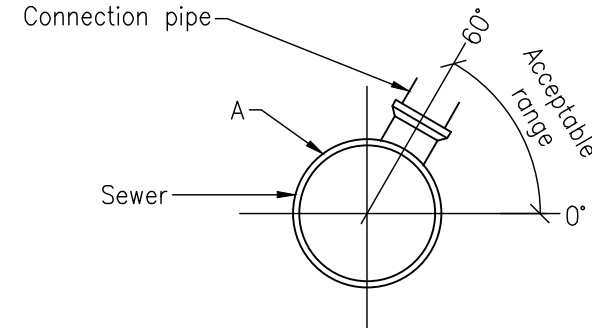
Scale 1:20

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

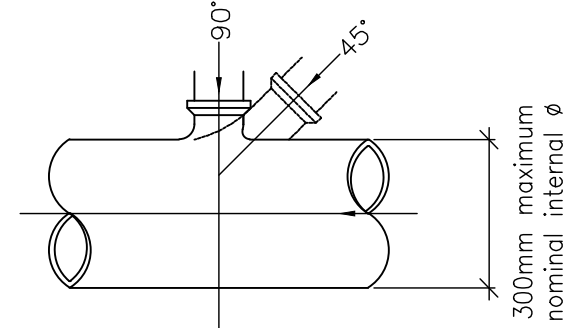
Note: The use of concrete chamber units to Clause E2.29 with 150mm thick GEN3 in-situ concrete complying with E4.1 and BRE Special Digest 1 in place of brickwork construction is permitted



**RODDING POINT**

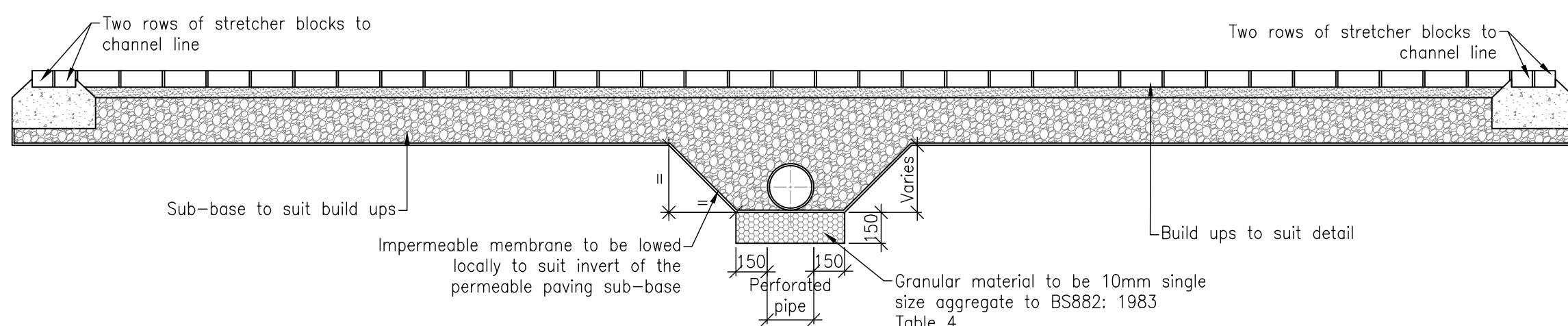


**CROSS-SECTIONAL VIEW OF SEWER**



**PLAN VIEWED IN DIRECTION OF ARROW - A**

**CONNECTION TO SEWER**



**TYPICAL PERMEABLE PAVING CONSTRUCTION DETAIL WITH STRETCHER ROWS AND PERFORATED PIPE**

Scale 1:20

NOT FOR CONSTRUCTION

|     |             |          |    |
|-----|-------------|----------|----|
| P1  | First issue | 24.06.26 | LM |
| Ref | Revision    | Date     | By |

Issue

PRELIMINARY



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Project Title  
11 SAPCOTE ROAD

|                       |                  |               |
|-----------------------|------------------|---------------|
| Drawn<br>LM           | Engineer<br>LM   | Checked<br>RS |
| Scale at<br>1:20 @ A1 | Date<br>JUN 2026 |               |

Drawing Title  
DRAINAGE DETAILS - SHEET 1

|                         |                      |                |
|-------------------------|----------------------|----------------|
| Project No.<br>26-22646 | Drawing No.<br>0-180 | Revision<br>P1 |
| BIM Code                |                      |                |