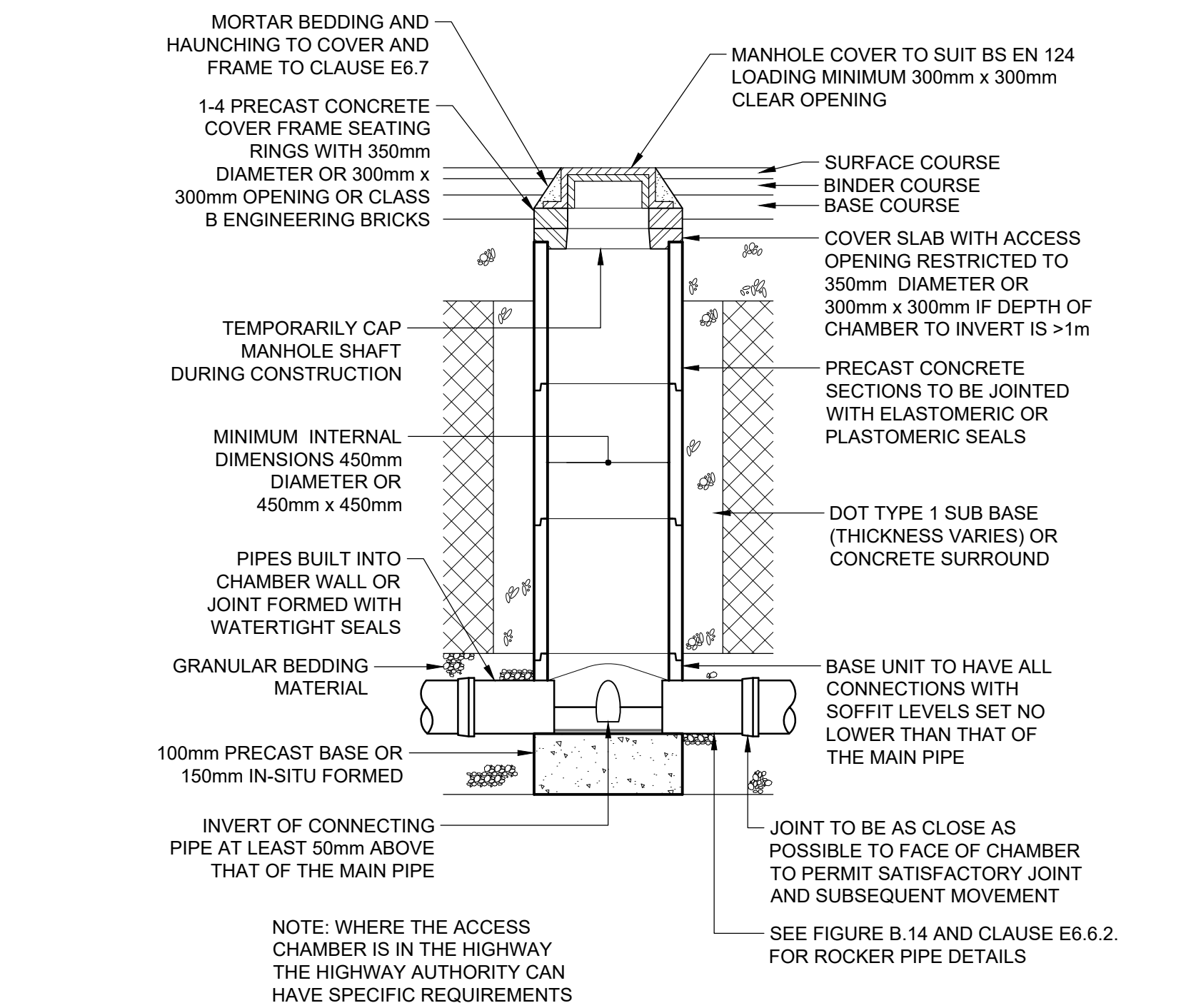
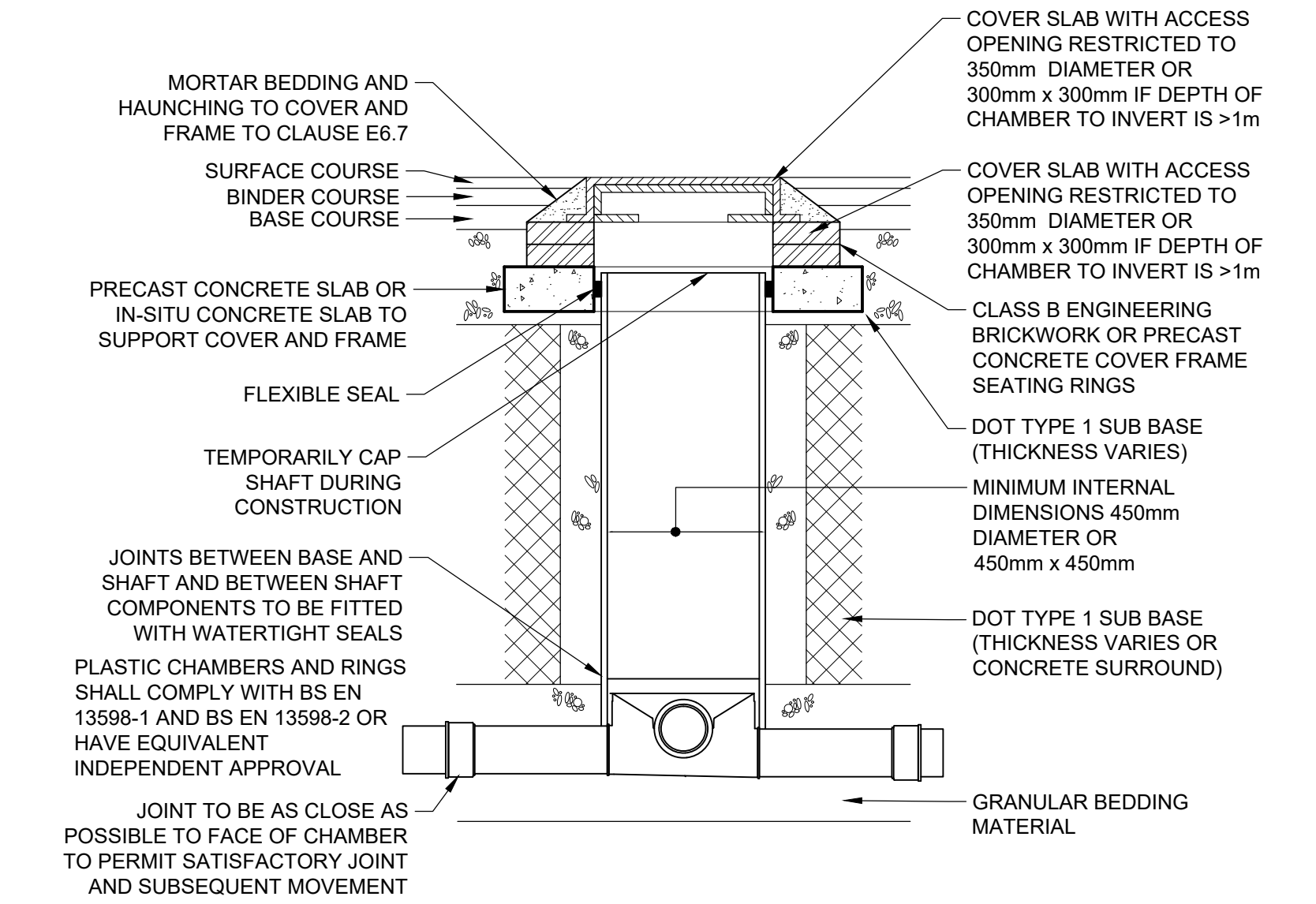
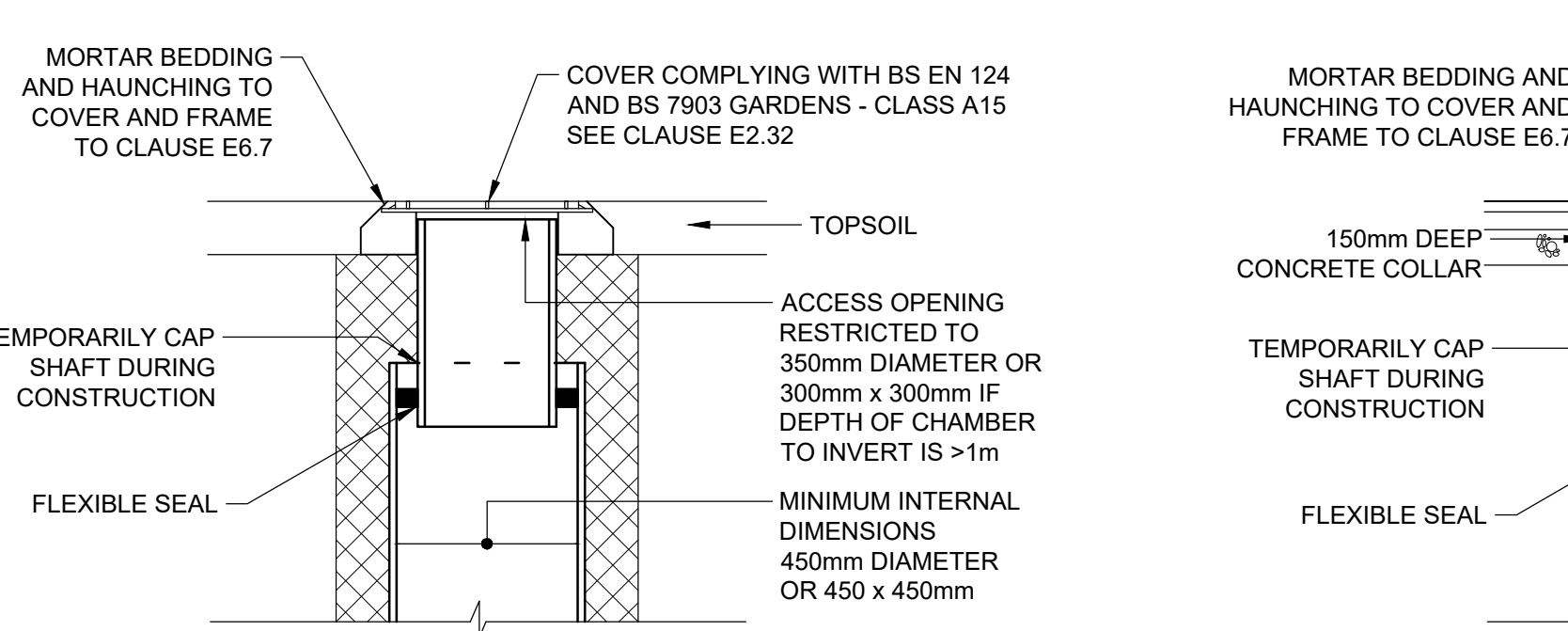




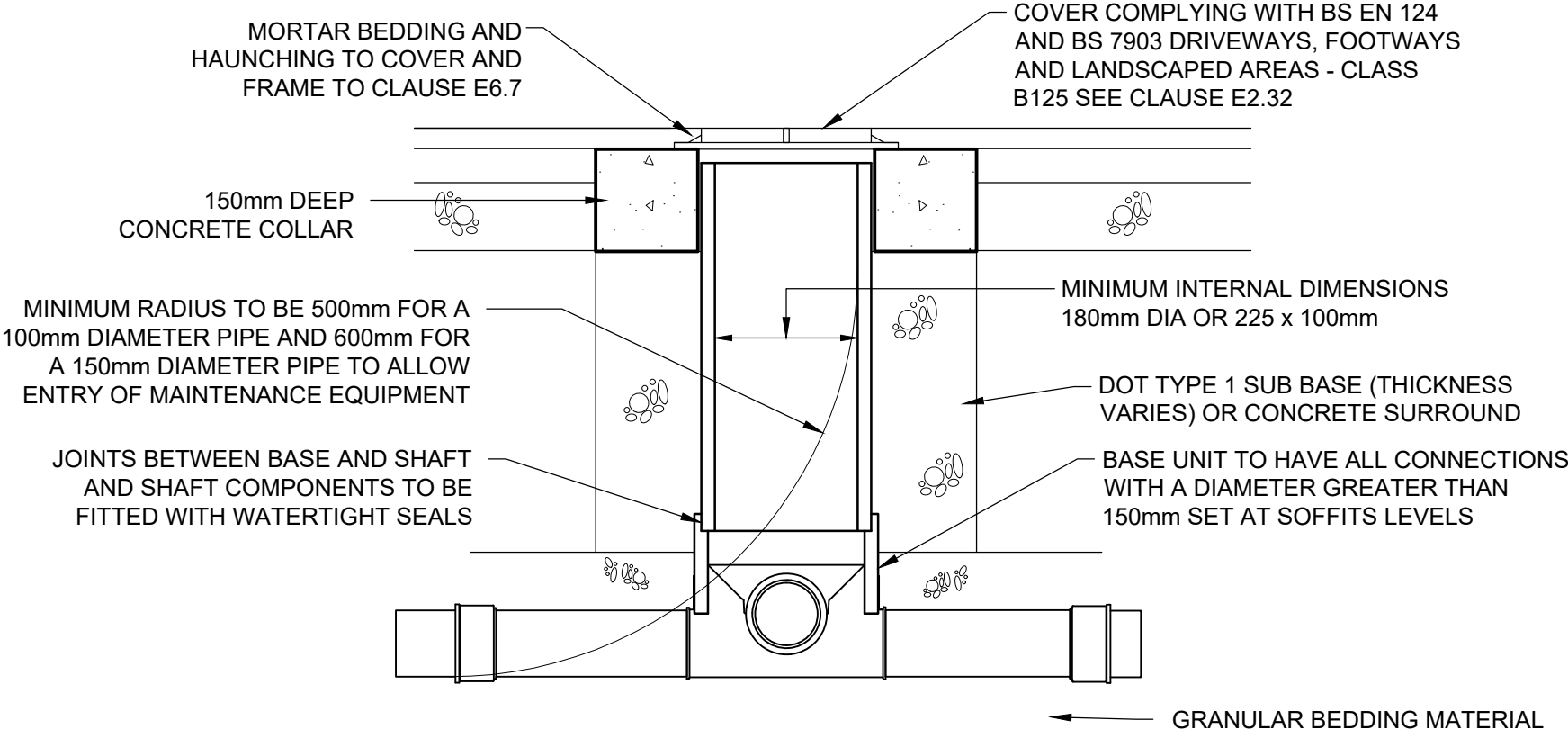
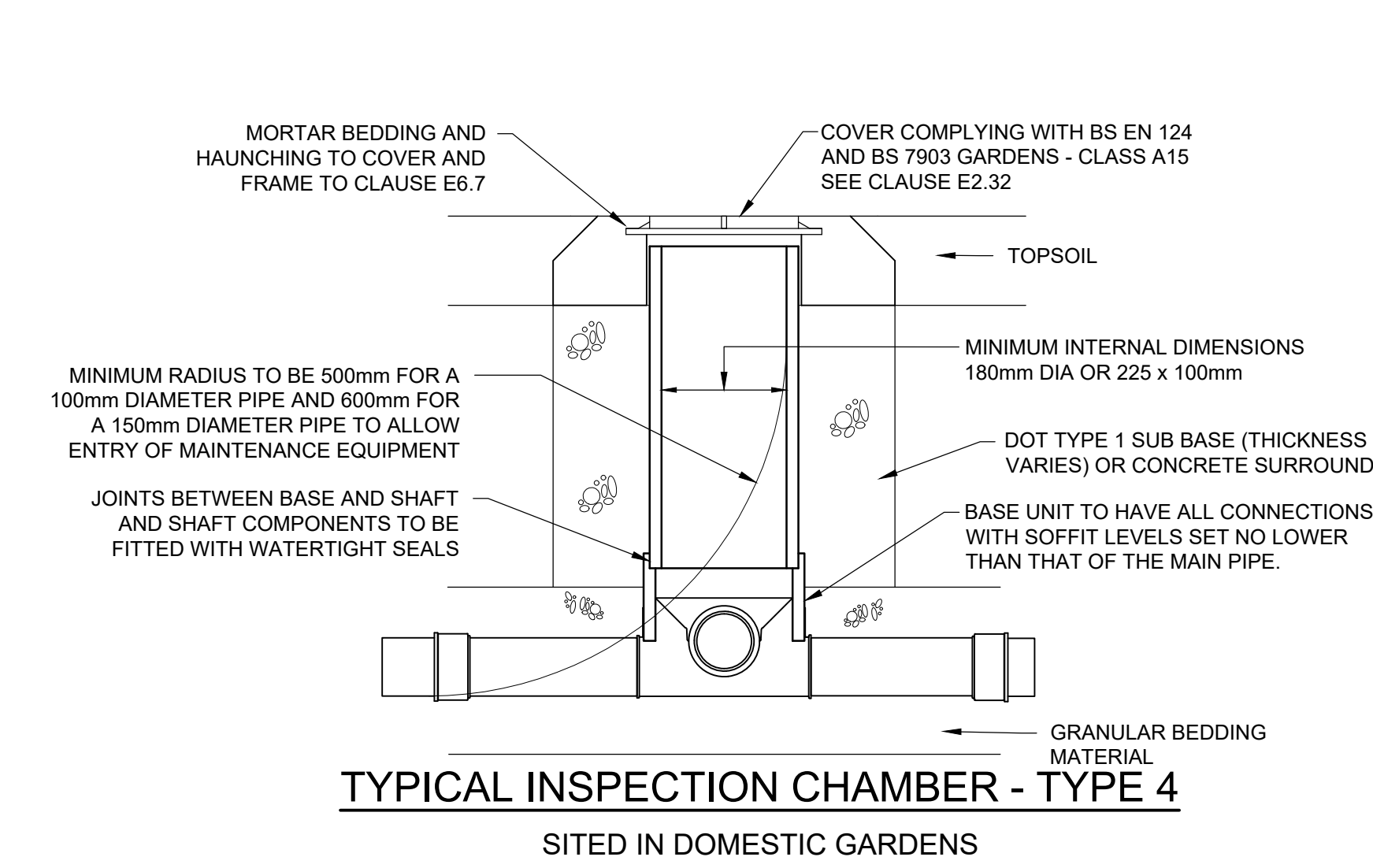
**TYPICAL INSPECTION CHAMBER DETAIL - ADOPTABLE TYPE 3**  
**DEMARCATIION CHAMBER**  
(RIGID MATERIAL DETAIL)  
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON-ENTRY



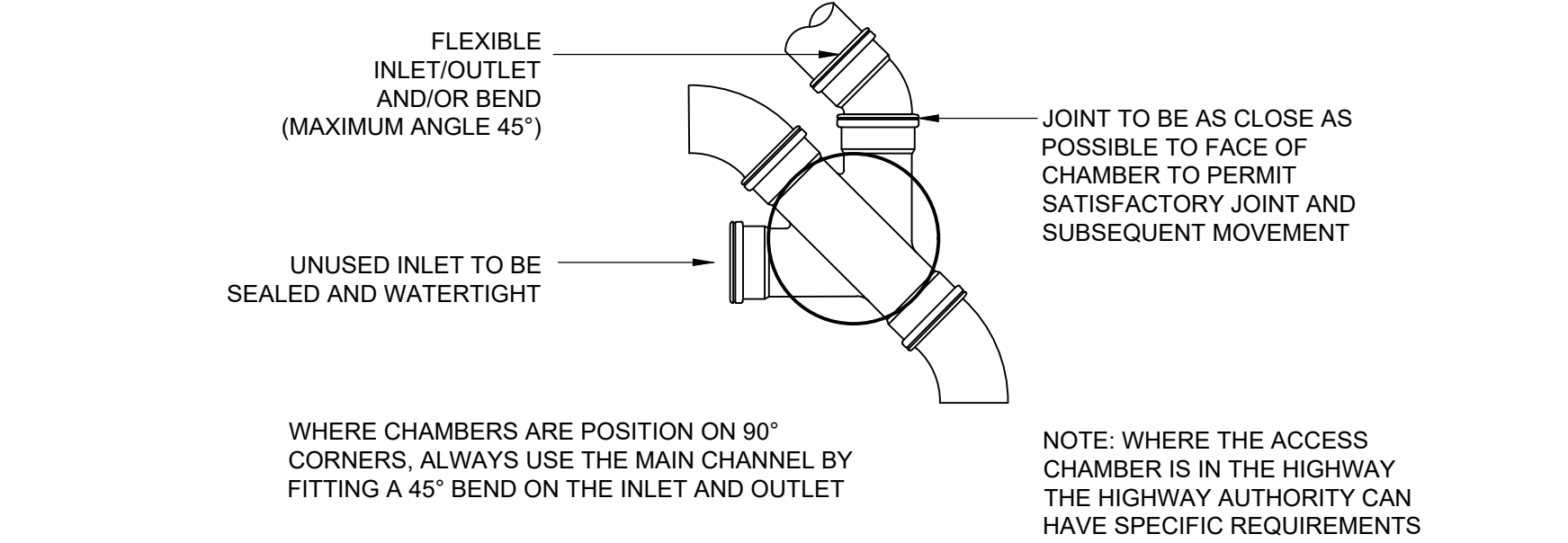
**TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3**  
(FLEXIBLE MATERIAL DETAIL) MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON-ENTRY



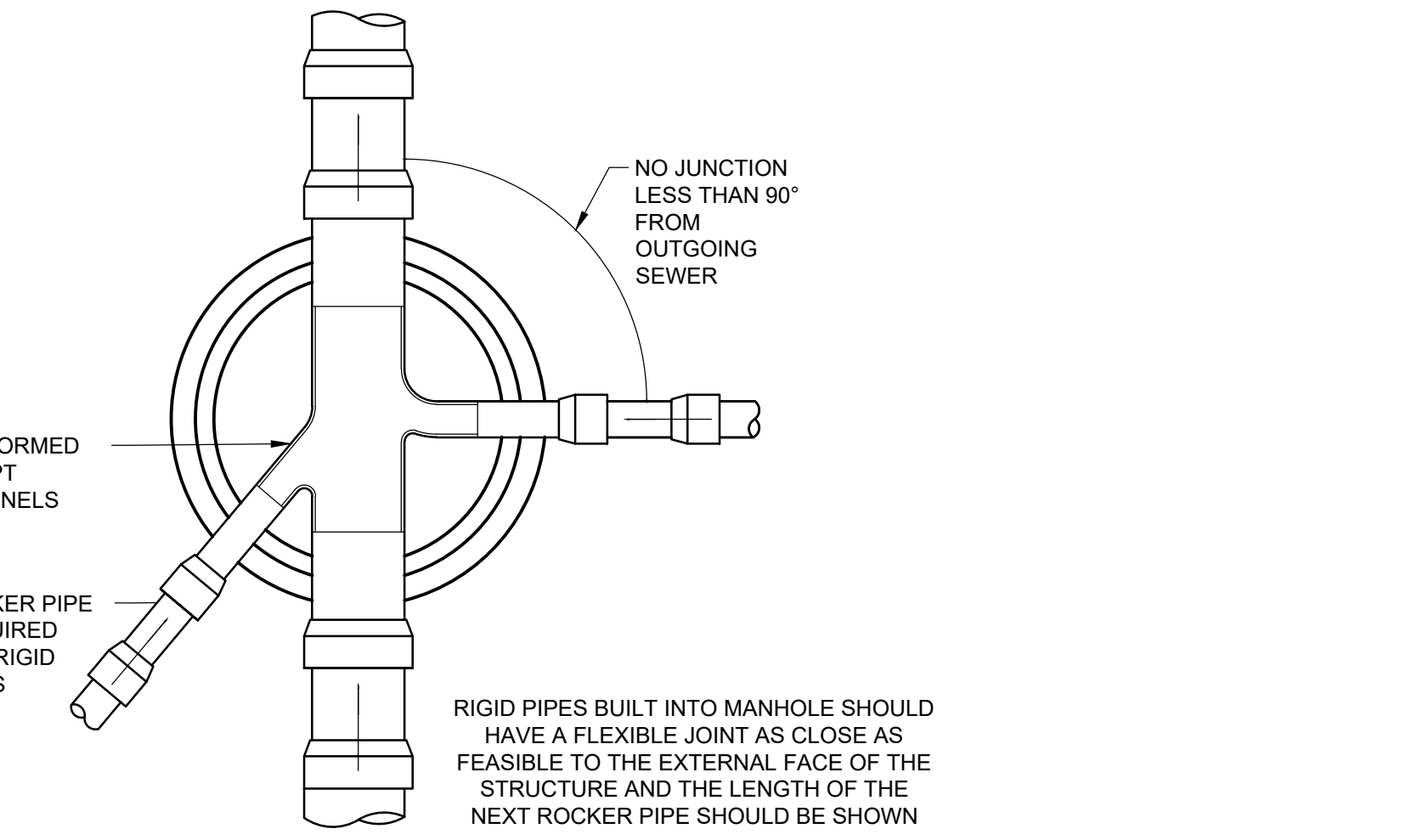
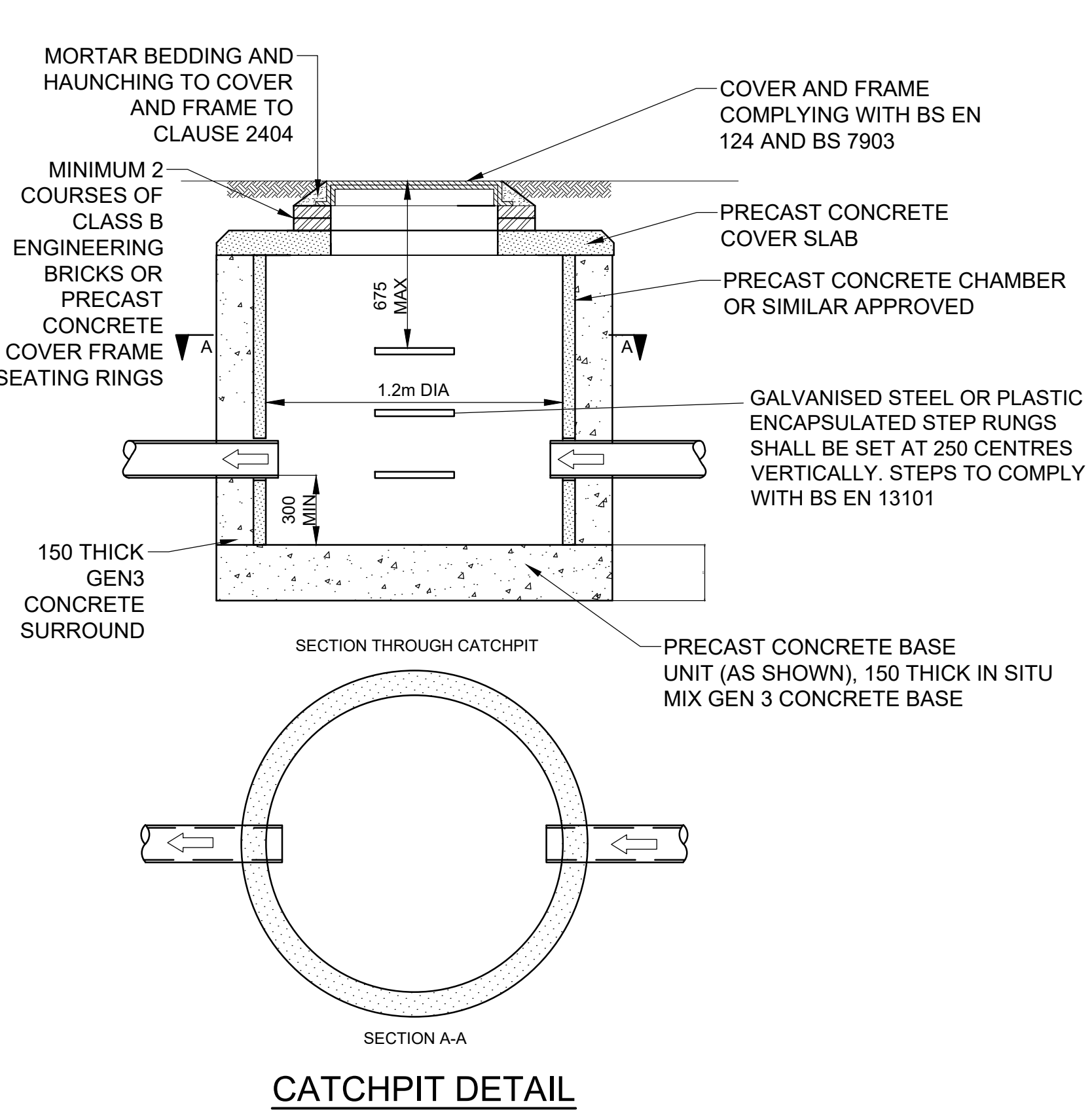
**ALTERNATIVE TOP DETAILS FOR LIGHT VEHICLE LOADING AND LANDSCAPED AREAS - TYPE 3**  
PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL



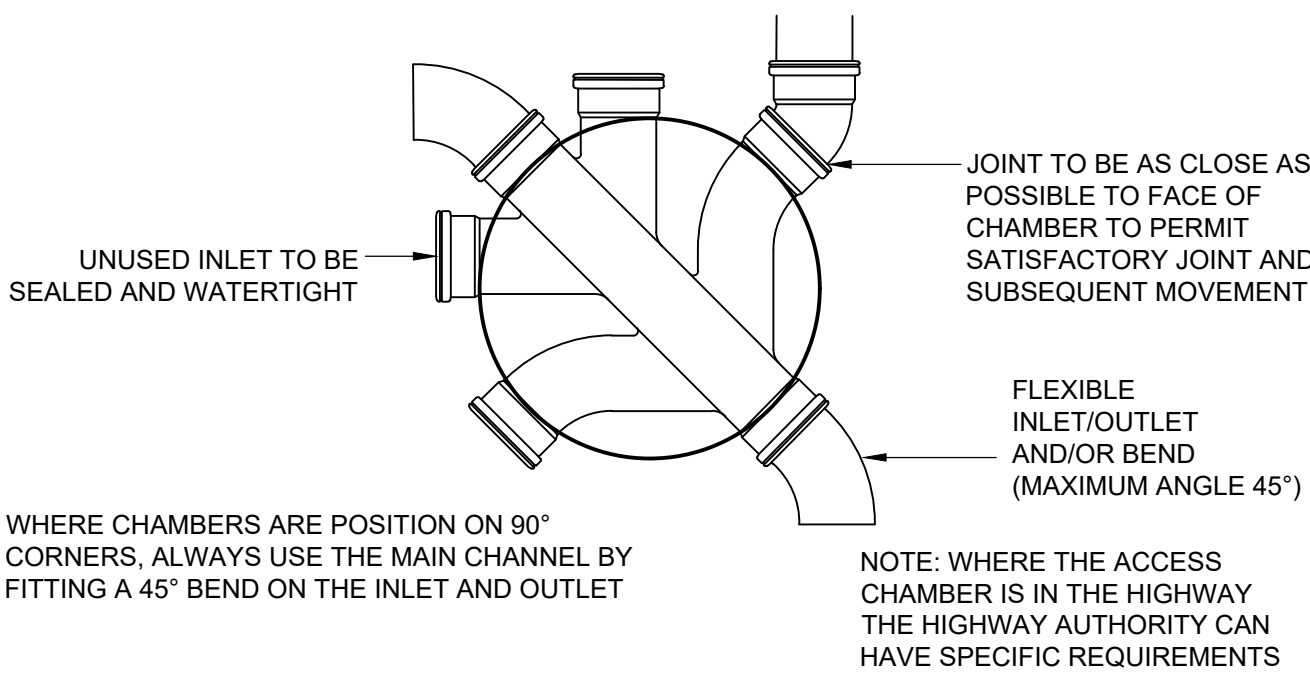
**TYPICAL INSPECTION CHAMBER - TYPE 4**  
SITED IN DRIVEWAYS/PAVED AREAS  
PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL



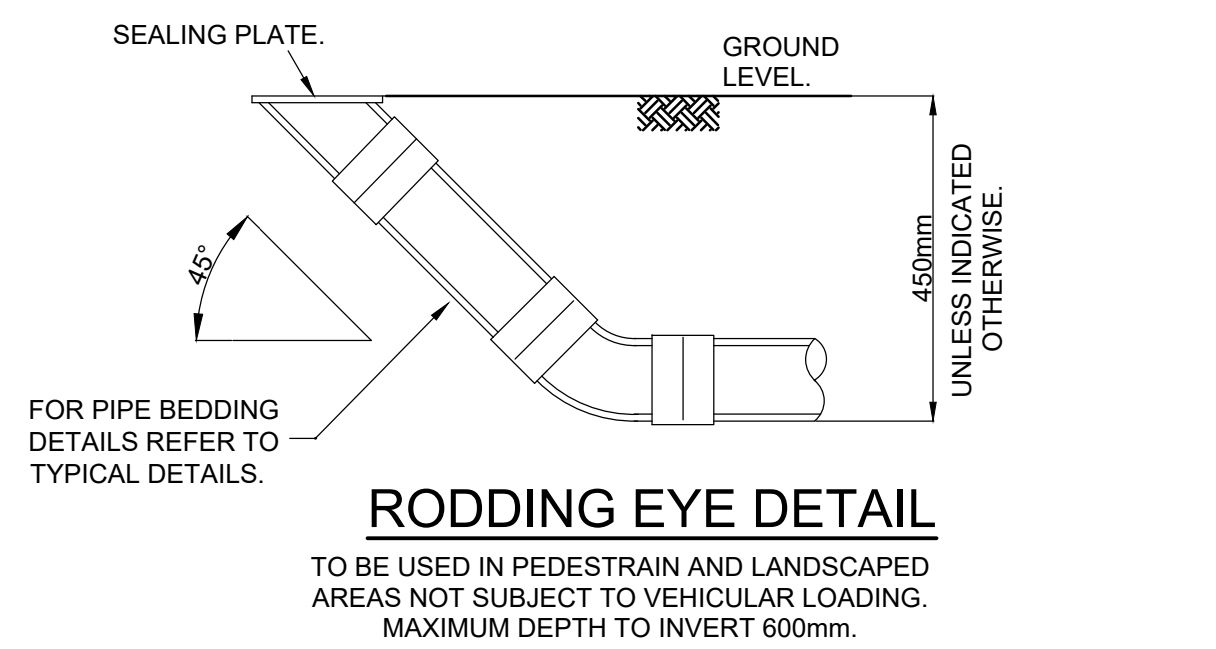
**TYPICAL INSPECTION CHAMBER - TYPE 4**  
(FLEXIBLE MATERIAL DETAIL)  
MAXIMUM DEPTH FROM COVER LEVEL TO INVERT OF PIPE 0.6m, NON-ENTRY



**TYPICAL ARRANGEMENT OF PIPE JUNCTIONS WITHIN MANHOLES**



**TYPICAL INSPECTION CHAMBER - TYPE 3**  
(FLEXIBLE MATERIAL DETAIL)  
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 2m, NON-ENTRY



**RODDING EYE DETAIL**  
TO BE USED IN PEDESTRAIN AND LANDSCAPED AREAS NOT SUBJECT TO VEHICULAR LOADING. MAXIMUM DEPTH TO INVERT 600mm.

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED DRAWINGS ISSUED BY THE ARCHITECT AND ENGINEER AND SEWERAGE SECTOR GUIDANCE WITH APPENDICES WHERE APPLICABLE.
  - DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
  - ALL DIMENSIONS SHOWN IN METRES UNLESS NOTED OTHERWISE.
  - NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.
  - PRIVATE FOUL WATER AND SURFACE WATER DRAINAGE IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS, BS EN 752, NHBC STANDARDS CHAPTER 5.3 AND RELEVANT AGREEMENT CERTIFICATES.
  - PRIVATE DRAINS TO BE CONSTRUCTED USING FLEXIBLY JOINTED VITRIFIED CLAY PIPES TO BS 65 "SUPER STRENGTH" SPECIFICATION (HEPWORTH SUPERSLEVE OR SIMILAR APPROVED) OR UPVC BUILDING DRAINAGE SYSTEM PIPEWORK TO BS EN 1401, BEDDED AND BACKFILLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
  - INSPECTION CHAMBER SIZES ARE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H; TABLE 11 AND MANHOLE SIZES TABLE 12 OR NHBC STANDARD WHERE APPLICABLE.
  - THE CENTRELINE OF THE MANHOLE IS NOT NECESSARILY COINCIDENTAL WITH THE CENTRELINE OF THE MAIN PIPE.
  - POSITION OF MANHOLE COVER SLAB AND STEP RUNGS TO BE DIRECTED ON SITE.
  - BACKFILLING OF DRAIN TRENCHES ADJACENT TO DWELLINGS OF OTHER STRUCTURES TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS PART H; DIAGRAM 8.
  - ALL MORTAR TO BE CLASS 1 UNLESS NOTED OTHERWISE.
  - BRICKS TO BE ENGINEERING CLASS B TO BS EN 771-1, LAID IN ENGLISH BOND ON CLASS (i) MORTAR TO CLAUSE 2404, SPECIFICATION FOR HIGHWAY WORKS. ANY OVER EXCAVATION TO BE MADE GOOD.
  - ALL CONCRETE AND CONCRETE PRODUCTS TO BE SULPHATE RESISTING.
  - INSPECTION CHAMBER COVERS IN PRIVATE AREAS SHOULD BE GROUP 1 CLASS A15, IN PEDESTRIAN AREAS INACCESSIBLE TO WHEELED VEHICLES AND GROUP 4 CLASS D400 IN VEHICULAR AREAS.
  - IN COMPLIANCE WITH CDM 2015 ODYSSEY HAS FOLLOWED ITS DESIGN RISK MANAGEMENT PROCESS FOR HAZARD ELIMINATION AND RISK REDUCTION IN DEVELOPING THE ODYSSEY DESIGNS SHOWN ON THIS DRAWING. THERE ARE NO ABNORMAL OR UNUSUAL RESIDUAL RISKS ASSOCIATED WITH THE DESIGN. ANY OTHER RESIDUAL RISKS ARE THOSE THAT WOULD NORMALLY BE EXPECTED BY COMPETENT PERSONS OR CONTRACTORS ENGAGED ON WORK OF THIS NATURE OR TYPE.

| CONSTRUCTION ISSUE                                                                                                                                                                                                                                                                                                                                |                                              |                        |     |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------|-----|-------------|
| C2                                                                                                                                                                                                                                                                                                                                                | DETAILS UPDATED                              | AK                     | SW  | SW 16.03.21 |
| C1                                                                                                                                                                                                                                                                                                                                                | DRAWING STATUS REVISED TO CONSTRUCTION ISSUE | AK                     | SW  | SW 26.02.21 |
| T3                                                                                                                                                                                                                                                                                                                                                | MINOR NOTES UPDATES                          | AK                     | SW  | SW 17.12.20 |
| T2                                                                                                                                                                                                                                                                                                                                                | UPDATED FOR TENDER ISSUE                     | AK                     | SW  | SW 30.09.20 |
| Rev                                                                                                                                                                                                                                                                                                                                               | Amendments                                   | Dm                     | Chk | App Date    |
|  <b>ODYSSEY</b><br><small>Odyssey House<br/>Unit 3 Winchester Hill Business Park<br/>Winchester Hill, Romsey<br/>Southampton SO51 7UT</small><br>Telephone: 01794 537980<br>Fax: 01265 331134<br>E: info@odysseyconsult.co.uk<br>W: www.odysseyconsult.co.uk |                                              |                        |     |             |
| Job Title<br><b>LAND AT STAKERS FARM, YAPTON</b>                                                                                                                                                                                                                                                                                                  |                                              |                        |     |             |
| Drawing Title<br><b>DRAINAGE CONSTRUCTION DETAILS (SHEET 1 OF 2)</b>                                                                                                                                                                                                                                                                              |                                              |                        |     |             |
| Client<br><b>DANDARA LIMITED (SOUTHERN)</b>                                                                                                                                                                                                                                                                                                       |                                              |                        |     |             |
| Scale<br><b>AS SHOWN</b>                                                                                                                                                                                                                                                                                                                          | Date<br><b>JUL 20</b>                        | Designed<br><b>CJL</b> |     |             |
| Drawn<br><b>CJL</b>                                                                                                                                                                                                                                                                                                                               | Checked<br><b>SW</b>                         | Approved<br><b>JHM</b> |     |             |
| Job No<br><b>18-204</b>                                                                                                                                                                                                                                                                                                                           | Drawing No<br><b>YAP-180-030</b>             | Rev<br><b>C2</b>       |     |             |