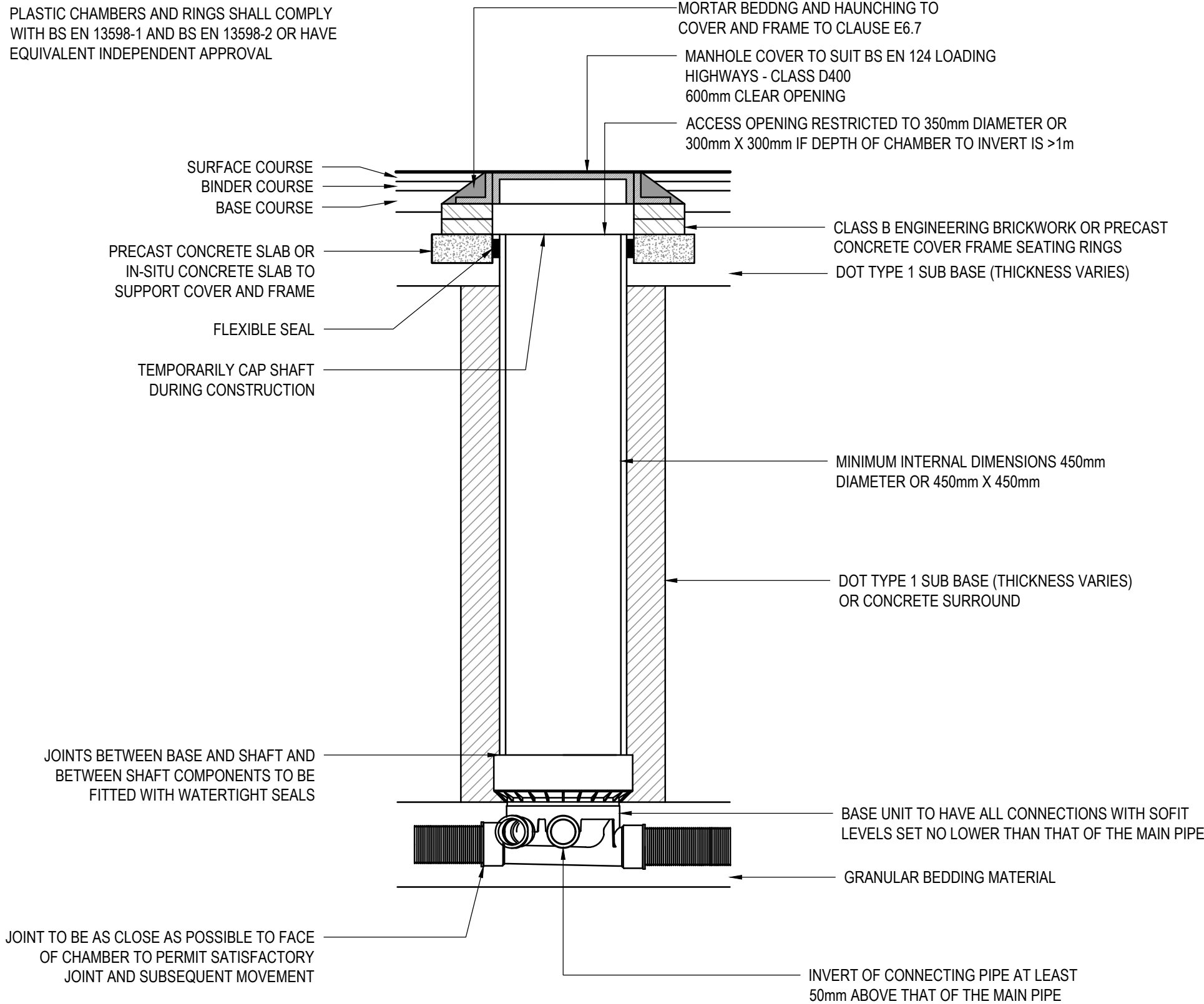
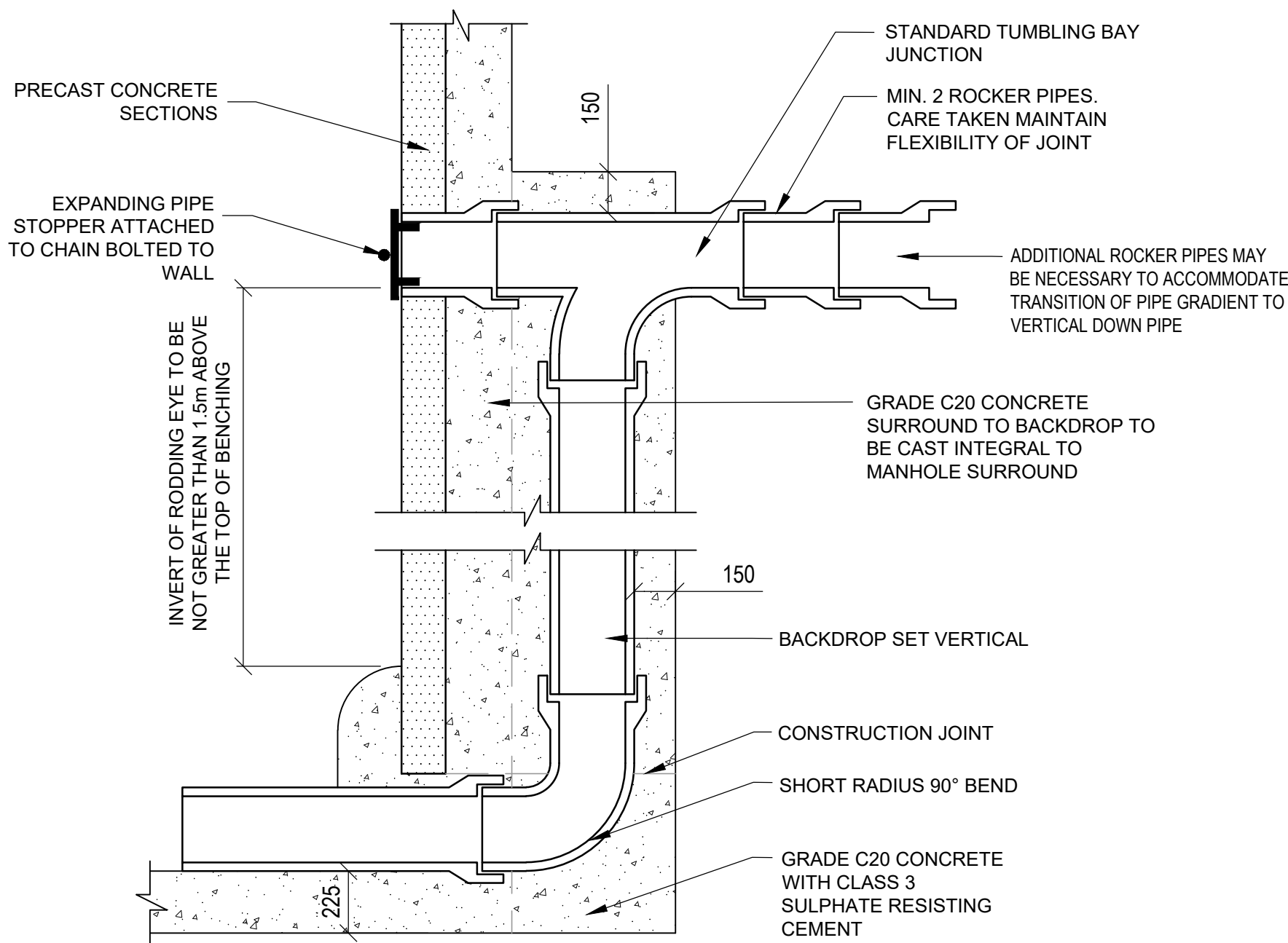


PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL



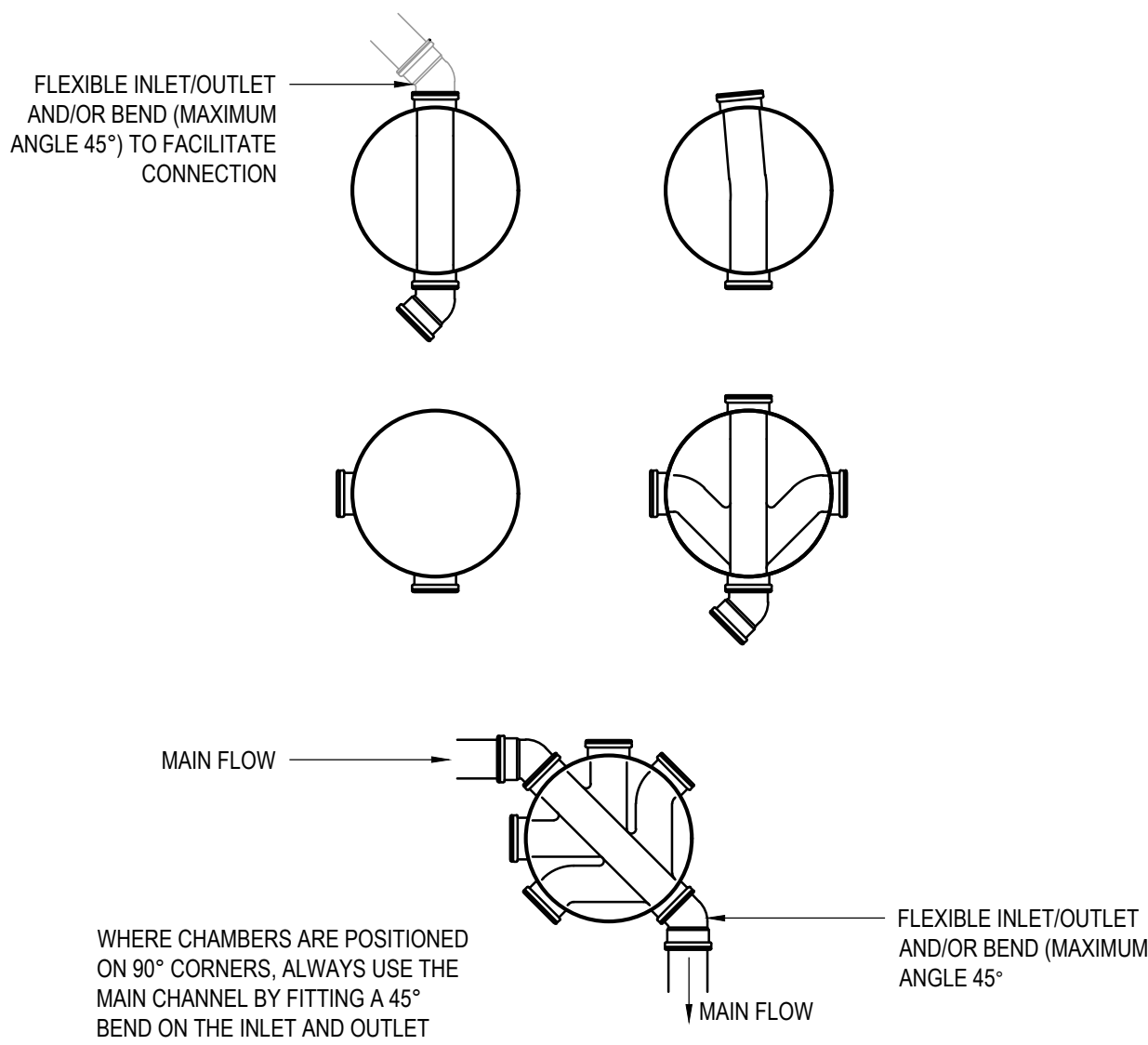
### TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3 (FLEXIBLE MATERIAL DETAIL)

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON ENTRY  
NOT TO SCALE



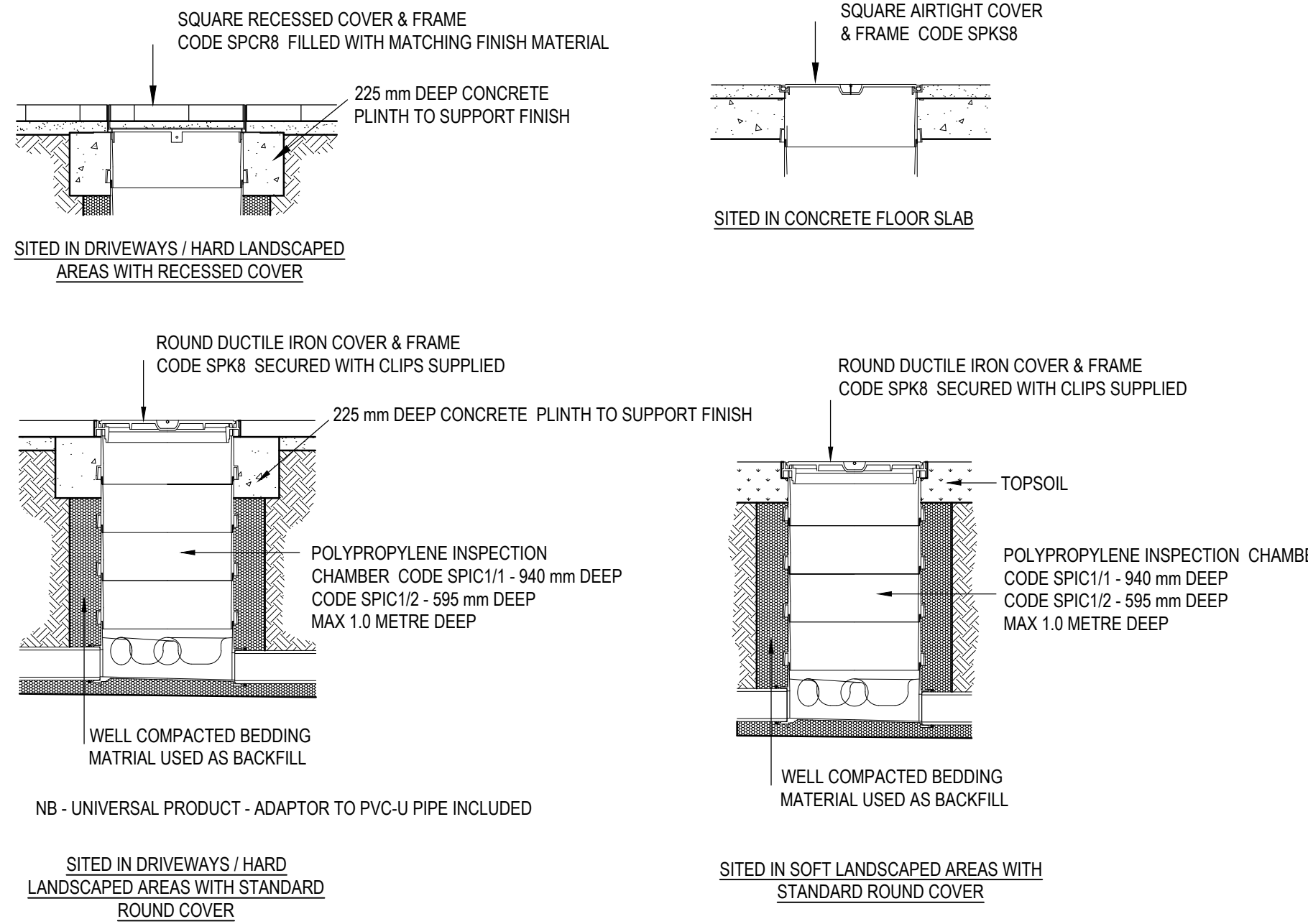
### BACKDROP DETAIL

N.T.S.



### ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS

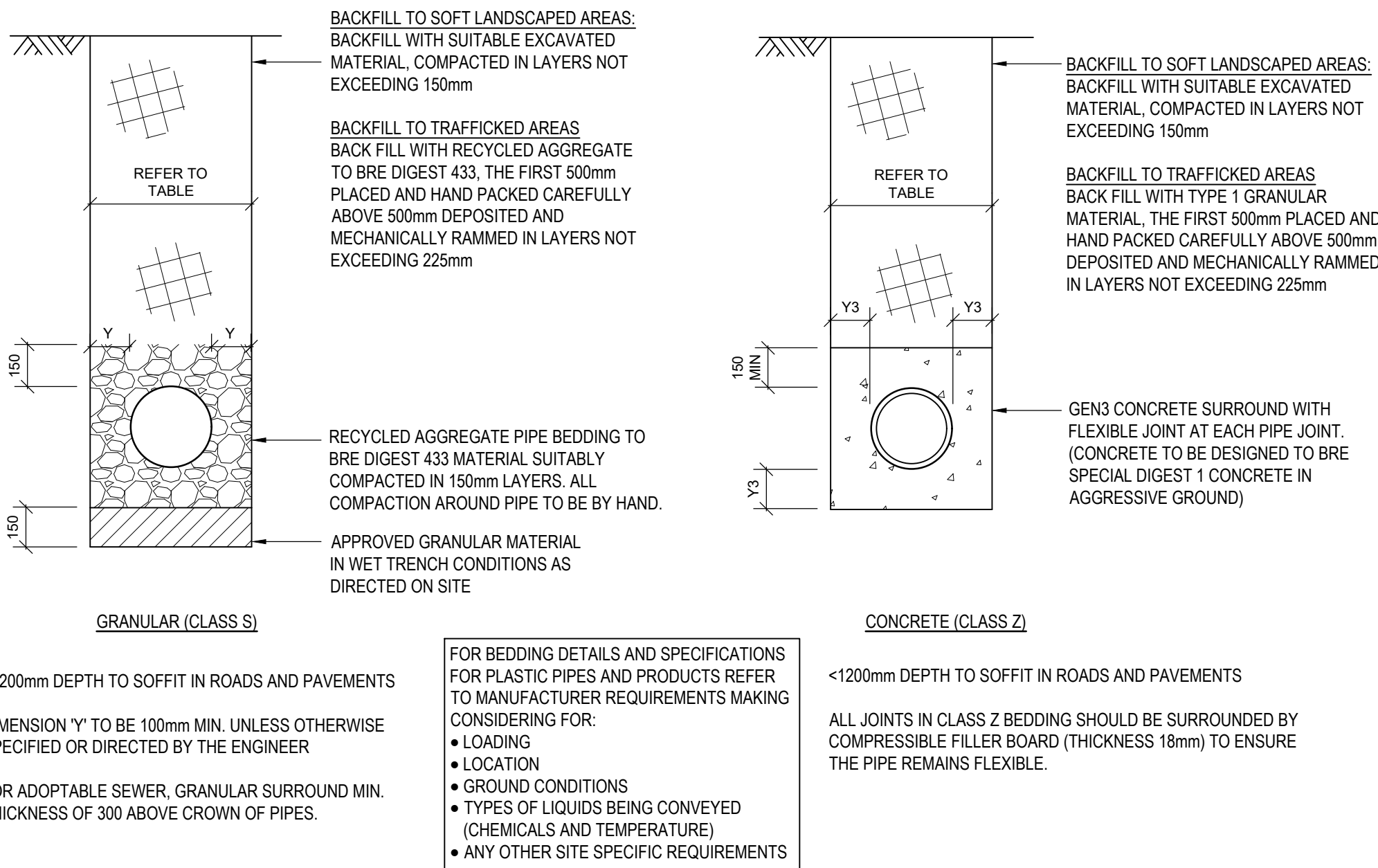
NOT TO SCALE



### POLYPROPYLENE INSPECTION CHAMBER INSTALLATION

| PIPE DIA. | GRANULAR BEDDING |         |         | MIN. TRENCH WIDTH | MAX. TRENCH WIDTH | L  |
|-----------|------------------|---------|---------|-------------------|-------------------|----|
|           | Y1 MIN.          | Y2 MIN. | Y3 MIN. |                   |                   |    |
| 100       | 100              | 200     | 150     | 450               | 750               | 18 |
| 150       | 100              | 200     | 150     | 500               | 800               |    |
| 225       | 100              | 200     | 150     | 600               | 900               |    |
| 300       | 100              | 200     | 150     | 700               | 1000              |    |
| 375       | 100              | 200     | 150     | 805               | 1105              |    |
| 450       | 150              | 200     | 150     | 890               | 1190              | 36 |
| 525       | 150              | 200     | 150     | 975               | 1275              |    |
| 600       | 150              | 200     | 150     | 1075              | 1375              |    |
| 675       | 150              | 200     | 225     | 1165              | 1465              |    |
| 750       | 225              | 300     | 225     | 1260              | 1560              |    |
| 825       | 225              | 300     | 225     | 1355              | 1655              |    |
| 900       | 225              | 300     | 225     | 1460              | 1760              |    |
| 975       | 225              | 300     | 300     | 1505              | 1805              |    |
| 1050      | 225              | 300     | 300     | 1580              | 1880              |    |
| 1125      | 225              | 350     | 300     | 1650              | 1950              |    |
| 1200      | 375              | 400     | 300     | 1750              | 2050              | 54 |
| 1350      | 375              | 400     | 375     | 1920              | 2220              |    |
| 1500      | 375              | 450     | 375     | 2040              | 2340              |    |
| 1650      | 375              | 500     | 450     | 2210              | 2510              |    |
| 1800      | 375              | 500     | 450     | 2390              | 2690              |    |

### DIMENSIONS FOR BEDDINGS AND TRENCH WIDTHS



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- DO NOT SCALE THIS DRAWING.
- HEALTH AND SAFETY INFORMATION**
- IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:
- CONSTRUCTION**
- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
  - WORKS IN PROXIMITY TO LIVE SERVICES
  - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET
- MAINTENANCE/CLEANING/OPERATION**
- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
  - WORKS IN PROXIMITY TO LIVE SERVICES
  - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET
- DECOMMISSIONING/DEMOLITION**
- WORKS WITHIN POTENTIAL CONFINED SPACE CONDITIONS
  - WORKS IN PROXIMITY TO LIVE SERVICES
  - WORKS INTERFACE WITH THE PUBLIC ON MILLER STREET
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL DRAINAGE LAYOUTS, SCHEDULES AND DETAILS.
  - THE DEVELOPER SHALL REVIEW THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATION FOR THE PROPOSED ADOPTABLE SEWERS IN ACCORDANCE WITH SEWERS FOR ADOPTION AND THE REQUIREMENTS OF THE STATUTORY UNDERTAKER / BUILDING CONTROL AND THE SPECIFIC REQUIREMENTS OF THE CLIENT.
  - THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS IN LINE WITH CURRENT LEGISLATION WHEN WORKING IN NEAR CONFINED SPACES, DEEP EXCAVATIONS AND UTILITIES.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
  - ALL DRAINAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH BS EN 752 DRAINS AND SEWERS OUTSIDE BUILDINGS, THE CURRENT LOCAL BUILDING REGULATIONS AND TO THE SATISFACTION OF THE WATER AUTHORITY / BUILDING CONTROL OR SPECIFIC REQUIREMENTS OF THE CLIENT IF APPLICABLE.
  - BURIED CONCRETE, INCLUDING PRECAST CONCRETE TO BE DESIGNED TO BRE DIGEST 1, CONCRETE IN AGGRESSIVE GROUND, SULPHATE RESISTING CEMENT SHALL BE USED UNLESS AN ALTERNATIVE IS AGREED WITH THE SUPERVISING OFFICER/ENGINEER.
  - FOR DESIGNED, DESIGNATED OR STANDARDISED PRESCRIBED CONCRETE REFER TO BS EN 206-1 AND BS 8800. THEY SHALL HAVE A 20mm NOMINAL MAXIMUM SIZE OF AGGREGATE, AND A SLUMP CLASS S2 FOR TARGET 70mm AND NO ADMIXTURES.
  - ALL PIPES SHALL BE LAID SOFFIT TO SOFFIT UNLESS STATED OTHERWISE ON THE MANHOLE SCHEDULE.
  - MANHOLES & COVER SLABS TO BS EN 1917 AND BS 5911-3. PREFORMED SWEPT CHANNELS SHALL BE USED AT JUNCTIONS AND NO BRANCH SHALL ENTER AT LESS THAN 90 DEGREES FROM THE OUTGOING SEWER.
  - MANHOLE COVERS TO BE TO BS EN 124.
  - ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS REQUIREMENTS AND SPECIFICATION.

|     |                        |            |       |       |       |
|-----|------------------------|------------|-------|-------|-------|
| C01 | ISSUE FOR CONSTRUCTION | 27.10.2021 | FR    | CB    | CB    |
| P01 | ISSUED FOR STAGE 3     | 19.05.2021 | FR    | CB    | CB    |
| Rev | Description            | Date       | Iss'd | Rev'd | App'd |

## RIBA STAGE 4

Project Stage

## CONSTRUCTION

Status of Drawing

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Client: Scarborough Developments  
Architect: Whittam Cox Architects  
Project: NOMA MARKETING SUITE  
Drg Title: DRAINAGE DETAILS SHEET 1

Job No.: 0042512  
Scale: A1  
1:20

Drawn/Designed By: FR  
Checked By: CB  
Approved By: CB

Drawing No.: NMS-BHE-XX-XX-DR-C-3700  
Revision: C01