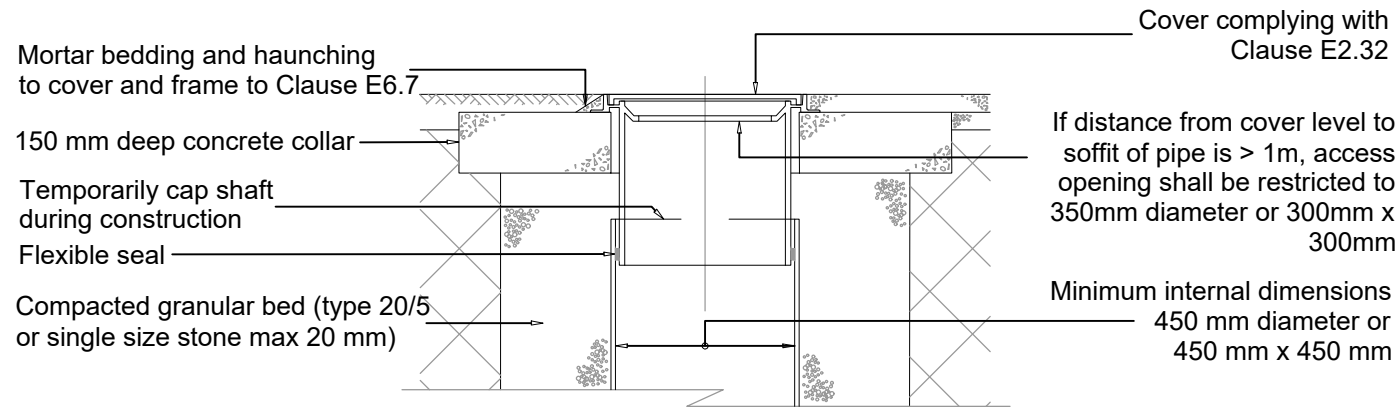


FIGURE B.19
TYPICAL INSPECTION CHAMBER DETAIL - TYPE D

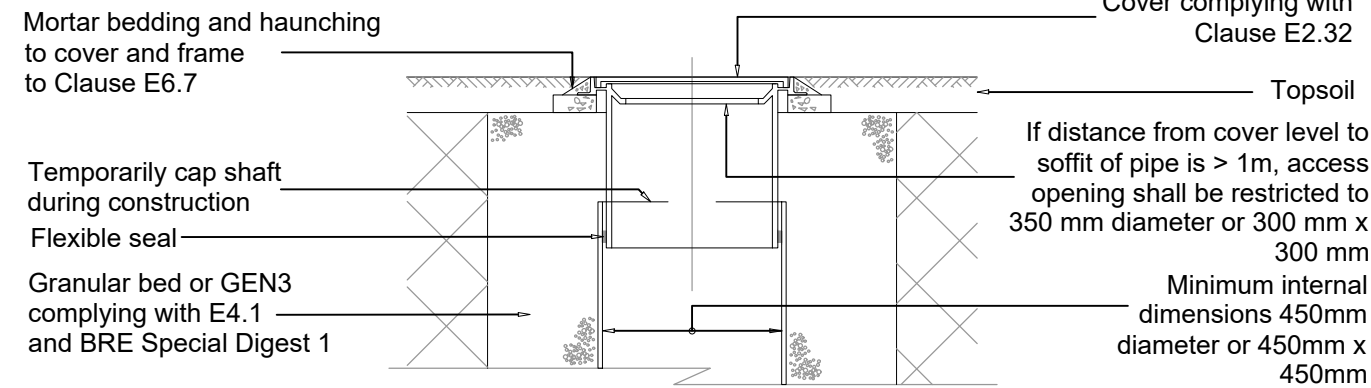
Flexible material construction alternative top details for use in areas of light vehicle loading or landscaped areas

Plastic chambers and rings shall comply with Clause E2.31

Sited in domestic driveways or footways



Sited in domestic gardens

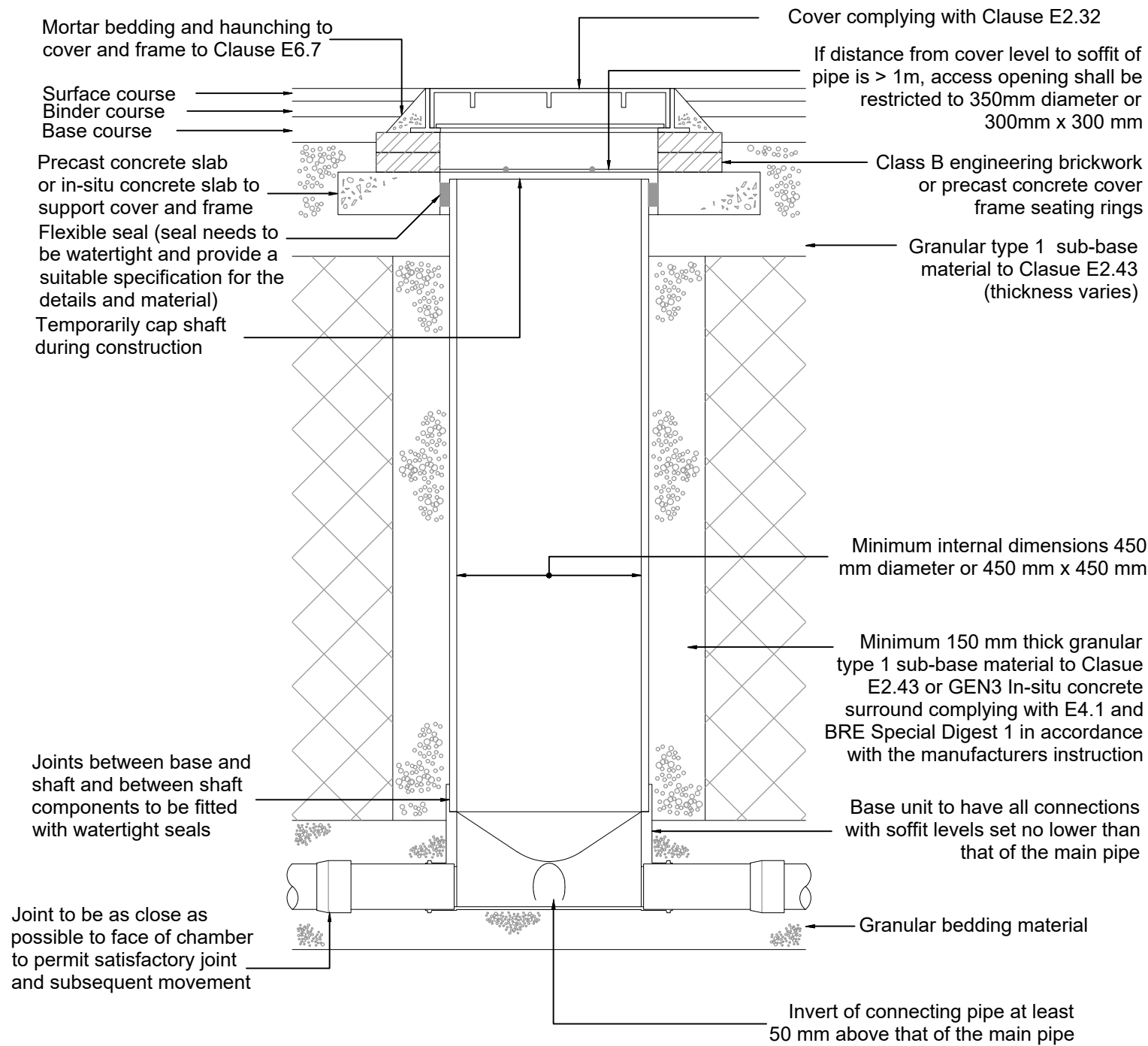


Note: Where the access chamber is in the highway (including and footway), the highway authority can have specific requirements
Not to scale

FIGURE B.18
TYPICAL INSPECTION CHAMBER DETAIL - TYPE D

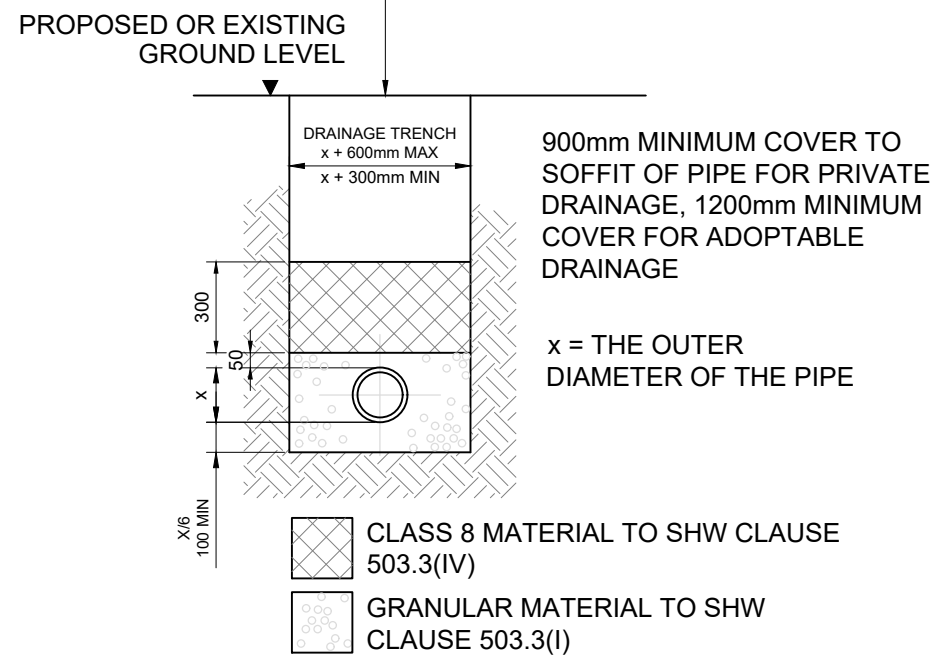
Depth from cover level to soffit of pipe up to 3 m
Flexible material construction for use in areas subject to vehicle loading

Plastic chambers and rings shall comply with Clause E2.31



Note: Where the access chamber is in the highway the Highway Authority can have specific requirements
Not to scale

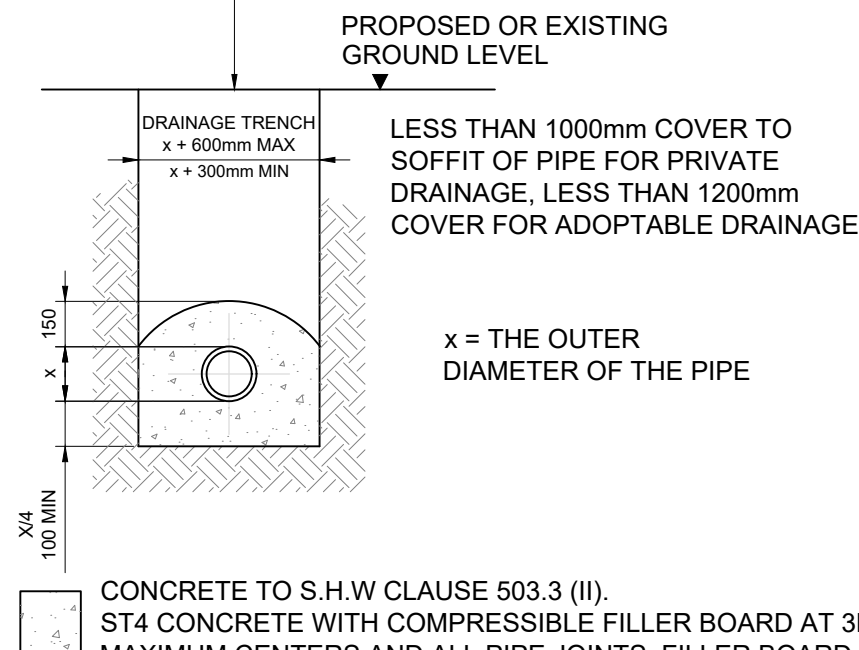
FOR SURFACE FINISH TO DRAINAGE EXCAVATION REFER TO THE EXTERNAL FINISHES PLAN AND THEN RELEVANT HIGHWAY DETAILS. NOTE THAT REINSTATEMENT FOR WORKS IN EXISTING ADOPTED HIGHWAYS ARE TO BE AGREED BY THE CONTRACTOR WITH THE RELEVANT HIGHWAY AUTHORITY.



NOTE: CLASS 'S' BEDDING FOR USE WITH ALL ADOPTABLE DRAINAGE WITH COVER TO SOFFIT OF PIPE GREATER THAN 1200MM. PRIVATE DRAINAGE WITHIN LANDSCAPED AND OTHER NON-TRAFFICKED AREAS WITH COVER GREATER THAN 1000MM TO THE PIPE SOFFIT MAY USE PIPE BEDDING CLASS 'T' REFER TO DRAWING F1 (SHW) HIGHWAY CONSTRUCTION DETAILS.

CLASS 'S' PIPE BEDDING

FOR SURFACE FINISH TO DRAINAGE EXCAVATION REFER TO THE EXTERNAL FINISHES PLAN AND THEN RELEVANT HIGHWAY DETAILS. NOTE THAT REINSTATEMENT FOR WORKS IN EXISTING ADOPTED HIGHWAYS ARE TO BE AGREED BY THE CONTRACTOR WITH THE RELEVANT HIGHWAY AUTHORITY.



CONCRETE TO S.H.W CLAUSE 503.3 (II). ST4 CONCRETE WITH COMPRESSIBLE FILLER BOARD AT 3M MAXIMUM CENTERS AND ALL PIPE JOINTS. FILLER BOARD SHALL CONSIST OF BITUMEN IMPREGNATED INSULATION BOARD TO B.S. EN 622, AND B.S. EN 317. THICKNESS OF COMPRESSIBLE BOARD AS TABLE ABOVE.

NOTE: CLASS 'Z' BEDDING FOR USE WITH ALL ADOPTABLE DRAINAGE WITH COVER TO SOFFIT OF PIPE LESS THAN 1200mm.

CLASS 'Z' PIPE BEDDING

DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. THE CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE. ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING. THIS DRAWING IS COPYRIGHT AND OWNED BY AEGAEA.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION REFER TO THE RELEVANT CONSTRUCTION (DESIGN AND MANAGEMENT) DOCUMENTATION WHERE APPLICABLE. IT IS ASSUMED THAT ALL WORKS ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR, WORKING WHERE APPROPRIATE TO AN APPROVED METHOD STATEMENT.

NOTES

1. THE ADOPTING AUTHORITY'S STANDARD DETAILS, WHERE THEY EXIST, SHALL BE USED IN PREFERENCE TO THIS STANDARD DETAIL.
2. ALL ADOPTABLE HIGHWAY WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFIC REQUIREMENTS OF GLOUCESTERSHIRE COUNTY COUNCILS SPECIFICATION AND THE GENERAL REQUIREMENTS OF 'SPECIFICATION FOR HIGHWAY WORKS' (SHW), VOLUME 1 OF THE HIGHWAYS AGENCY'S MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS AND ANY AMENDMENTS THERETO CURRENT AT THE TIME OF TENDER ISSUE DATE.
3. ALL ADOPTABLE DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE FOR FOUL AND SURFACE WATER SEWERS (DCC), SEVERN TRENT WATERS REQUIREMENTS AND ANY AMENDMENTS THERE TO CURRENT AT THE TIME OF TENDER ISSUE DATE.
4. LOCATION AND INVERT LEVELS OF DOWNSTREAM DRAINAGE CONNECTION POINTS ARE TO BE CONFIRMED.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS/SPECIFICATIONS.
6. DO NOT SCALE FROM THIS DRAWING, USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN METERS.
7. ALL THE ABOVE REQUIREMENTS SHALL APPLY UNLESS OTHERWISE STATED IN THE GENERAL ARRANGEMENT DRAWINGS/SPECIFICATION. IN THE EVENT OF A CONTRADICTION THE CONTRACT SPECIFIC DOCUMENTS SHALL BE DEEMED TO PREVAIL.
8. THE CONTRACTOR IS TO CHECK AND VERIFY ALL SITE DIMENSIONS AND LEVELS, INCLUDING EXISTING SEWER INVERT LEVELS AND UTILITIES, PRIOR TO START ON SITE.
9. POSITIONS OF EXISTING SERVICES/STATUTORY UNDERTAKERS APPARATUS ADJACENT TO OR CROSSING PROPOSED EXCAVATIONS ARE TO BE CONFIRMED PRIOR TO START ON SITE.
10. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH AND CHECKED AGAINST ALL, ENGINEERING DETAILS, SPECIFICATIONS, GEOTECHNICAL AND OTHER RELEVANT DOCUMENTATION PROVIDED.
11. THIS DRAWING IS SCHEMATIC FOR CLARITY ONLY. POSITIONS OF PIPE RUNS AND MANHOLES MAY VARY ON SITE DUE TO SITE CONDITIONS.
12. WHERE TREES ADJACENT TO HIGHWAYS OR DRAINAGE ARE PROPOSED, ROOT BARRIERS (TYPE TO BE APPROVED) ARE REQUIRED TO PREVENT STRUCTURAL DAMAGE.
13. ANY ANOMALY OR CONTRADICTIONS BETWEEN ANY OF THE ABOVE IS TO BE REPORTED IMMEDIATELY.
14. THE CONTRACTOR IS TO COMPLY IN ALL ASPECTS WITH THE CURRENT BRITISH STANDARDS, BUILDING REGULATIONS AND BUILDING LEGISLATION ETC.

A01 23.06.25 FIRST ISSUE CM

Rev Date Description By

Client

DWAYNE CAMPBELL

Project

91 BUCKINGHAM ROAD, MANCHESTER

Title

PROPOSED S185 DRAINAGE DETAILS

Project No. Drawing No. Revision

AEG6404 CIV-205 A01

Drawn Checked Approved Date Scale @ A2

CM AR JM JUN 2025 AS SHOWN

Drawing Status

APPROVAL

aegaea
water, civils and environment