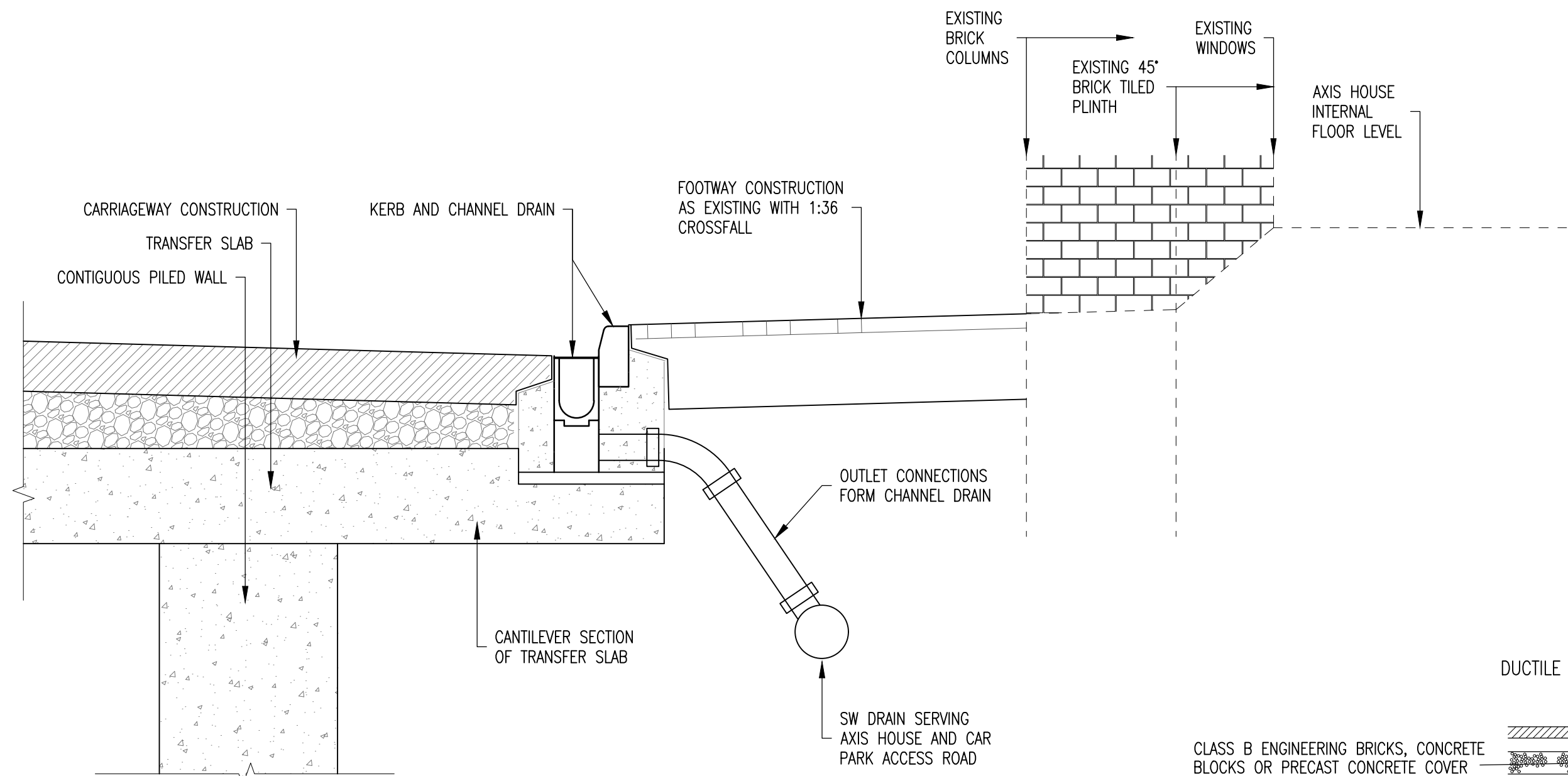
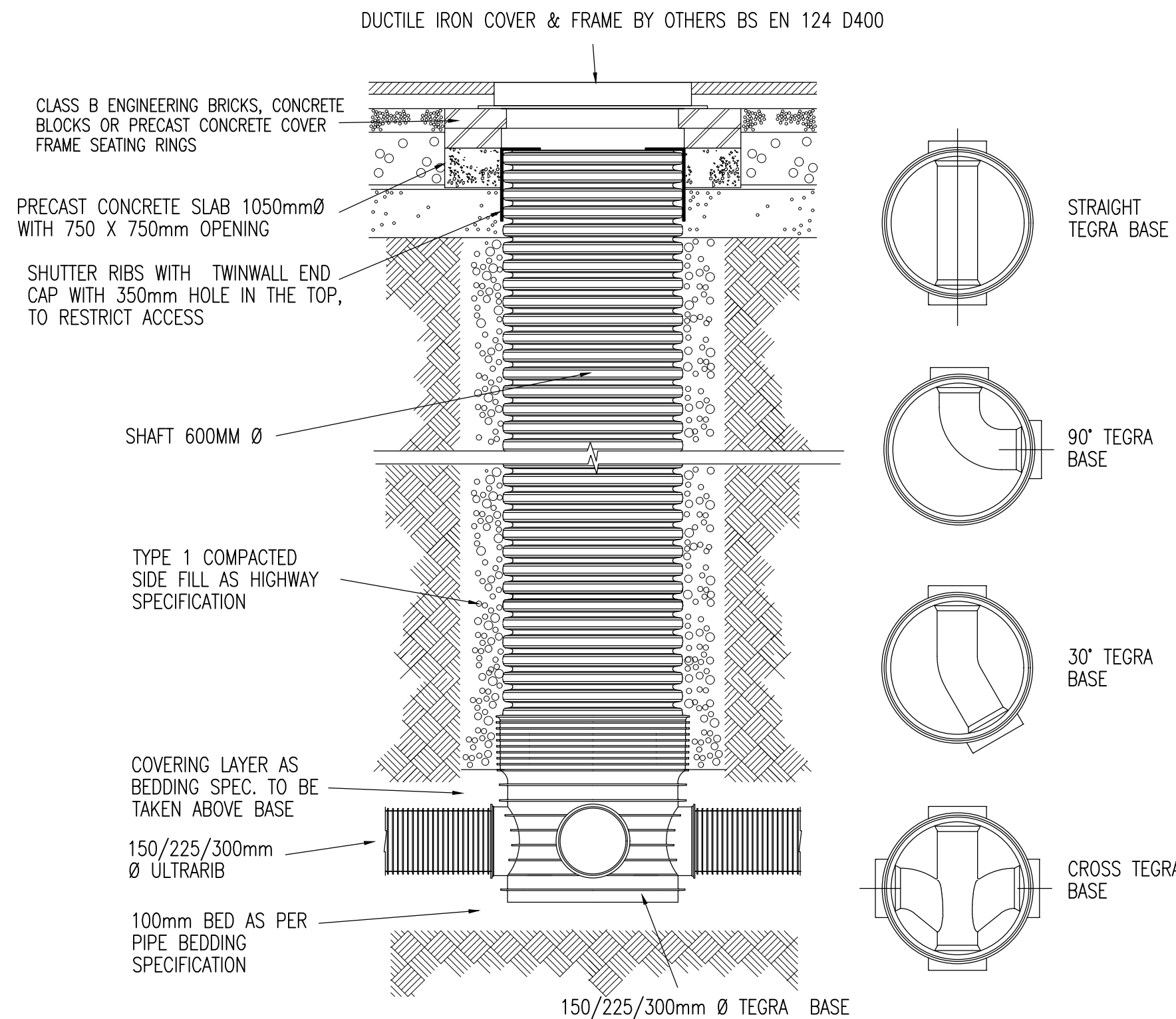
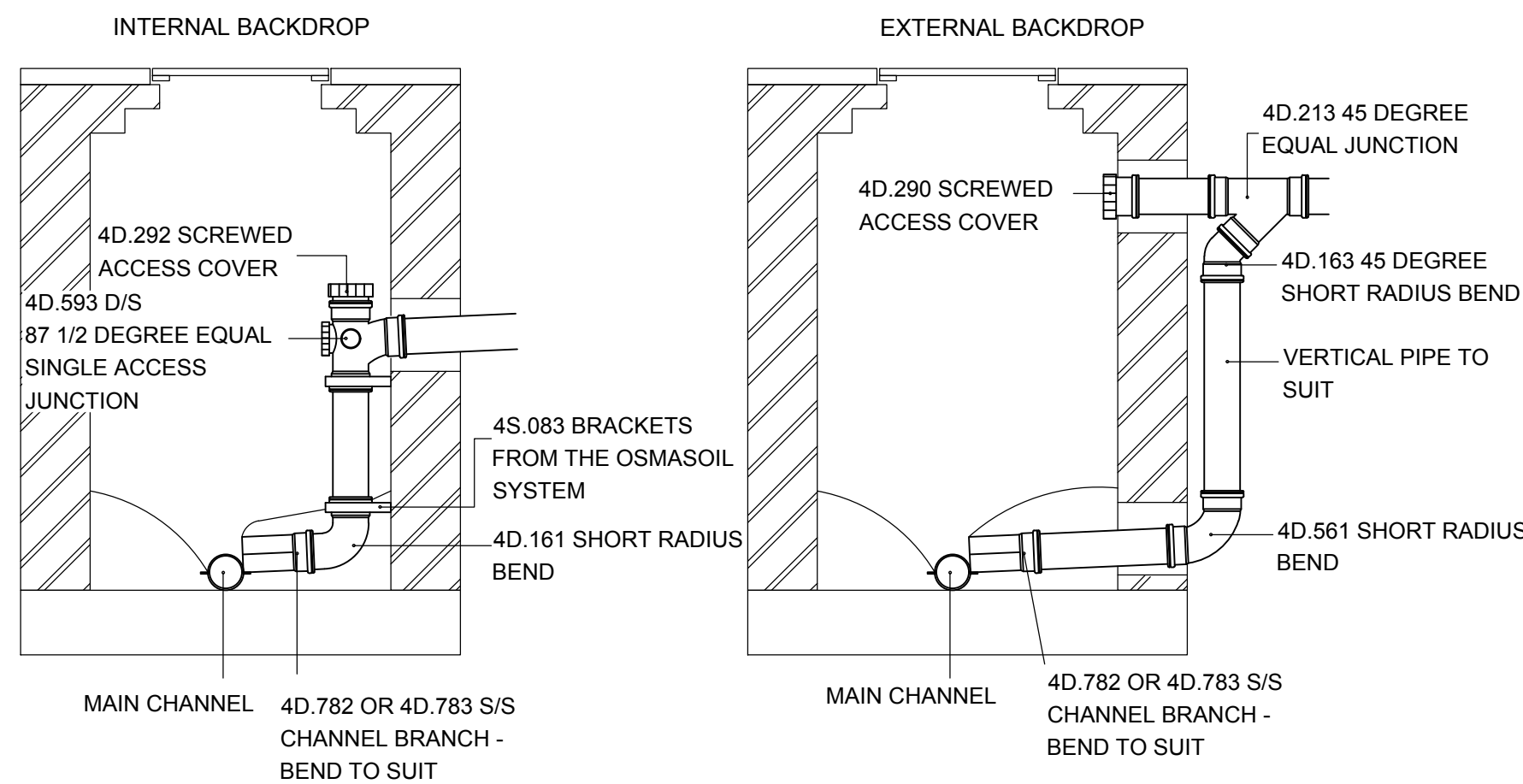
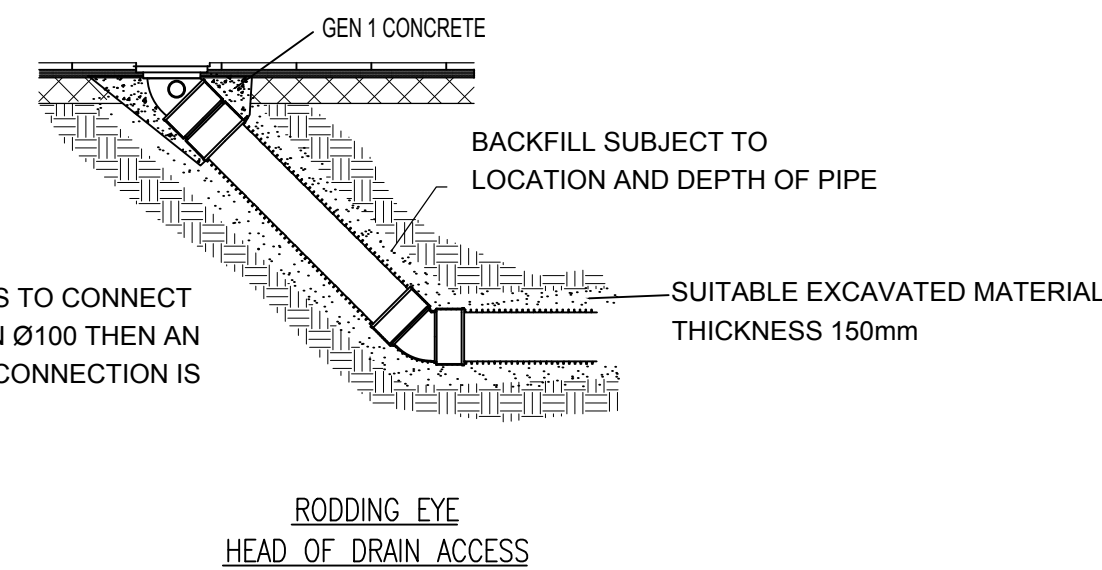




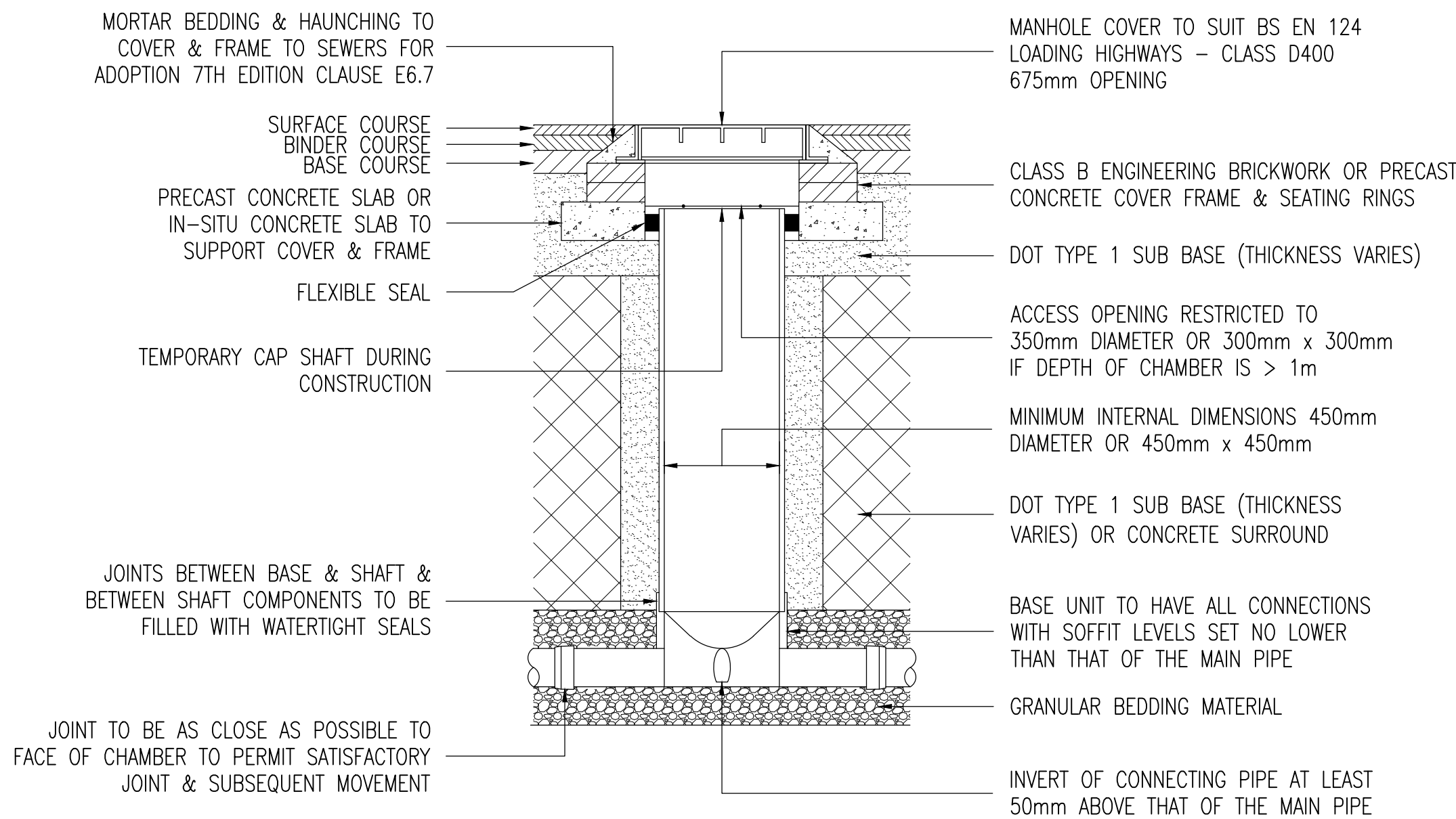
SECTION THROUGH CHANNEL DRAIN AT AXIS HOUSE



OSMA TEGRA 600 STANDARD DETAIL
SCALE NTS



PLASTIC CHAMBERS & RINGS SHALL COMPLY WITH BS EN 13598-1 & BS EN 13596-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL



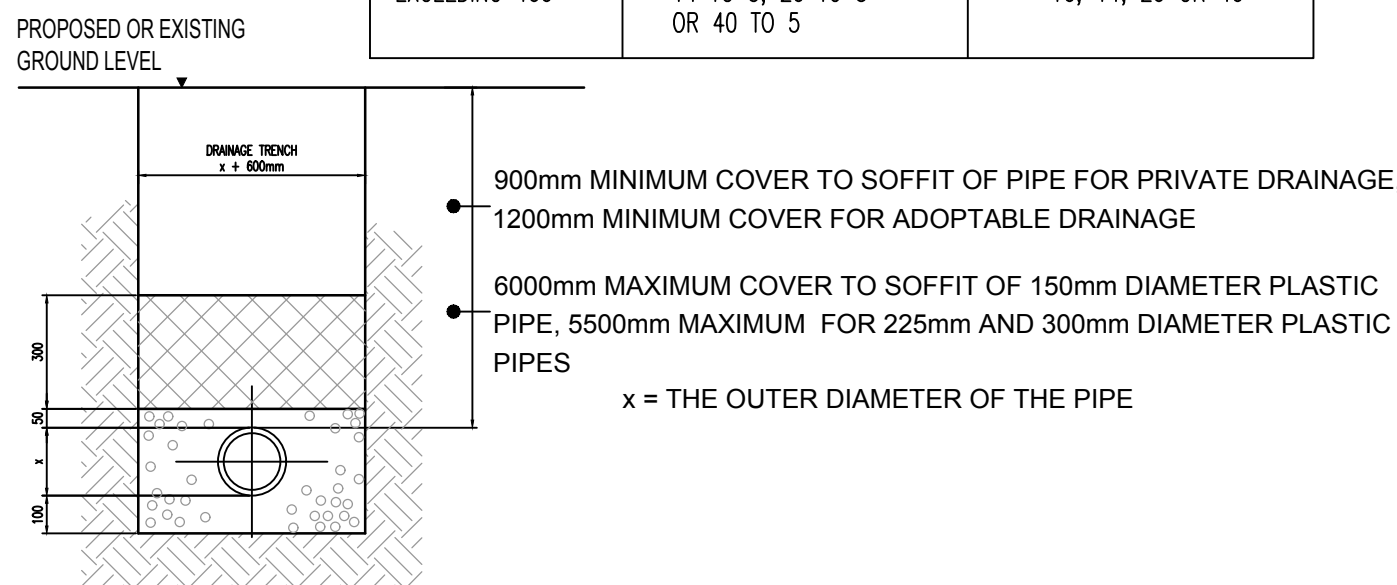
NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY THE HIGHWAY AUTHORITY CAN HAVE SPECIFIC REQUIREMENTS

TYPICAL INSPECTION CHAMBER DETAIL - FIGURE B.16 TYPE 3
(FLEXIBLE MATERIAL DETAIL)

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON ENTRY

PIPE DIAMETER (mm)	B.S. 882 COARSE AGGREGATE (TABLE 4)	
	GRADED AGGREGATE RANGES (mm)	SINGLE SIZED AGGREGATE SIZES (mm)
NOT EXCEEDING 140		10
EXCEEDING 140 BUT NOT EXCEEDING 400	20 TO 5 OR 14 TO 5	10, 14 OR 20
EXCEEDING 400	14 TO 5, 20 TO 5 OR 40 TO 5	10, 14, 20 OR 40

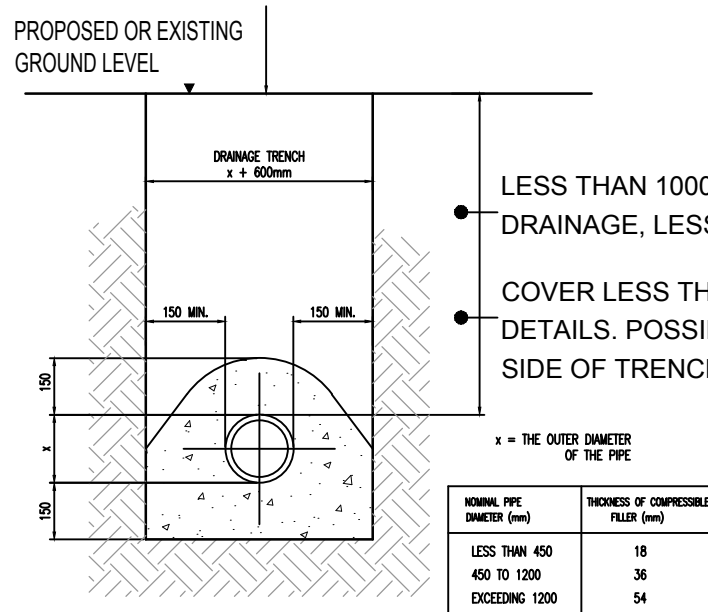
FOR SURFACE FINISH TO DRAINAGE EXCAVATION REFER TO EXTERNAL WORKS PLAN AND THEN RELEVANT HIGHWAY DETAILS. NOTE THAT REINSTATEMENT FOR WORKS IN EXISTING ADOPTED HIGHWAYS ARE TO BE AGREED BY THE CONTRACTOR WITH THE RELEVANT HIGHWAY AUTHORITY.



- CLASS 8 MATERIAL TO SHW CLAUSE 503.3(iv)
- GRANULAR MATERIAL TO SHW CLAUSE 503.3(i) (AS TABLE ABOVE)

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'

CLASS 'S' PIPE BEDDING



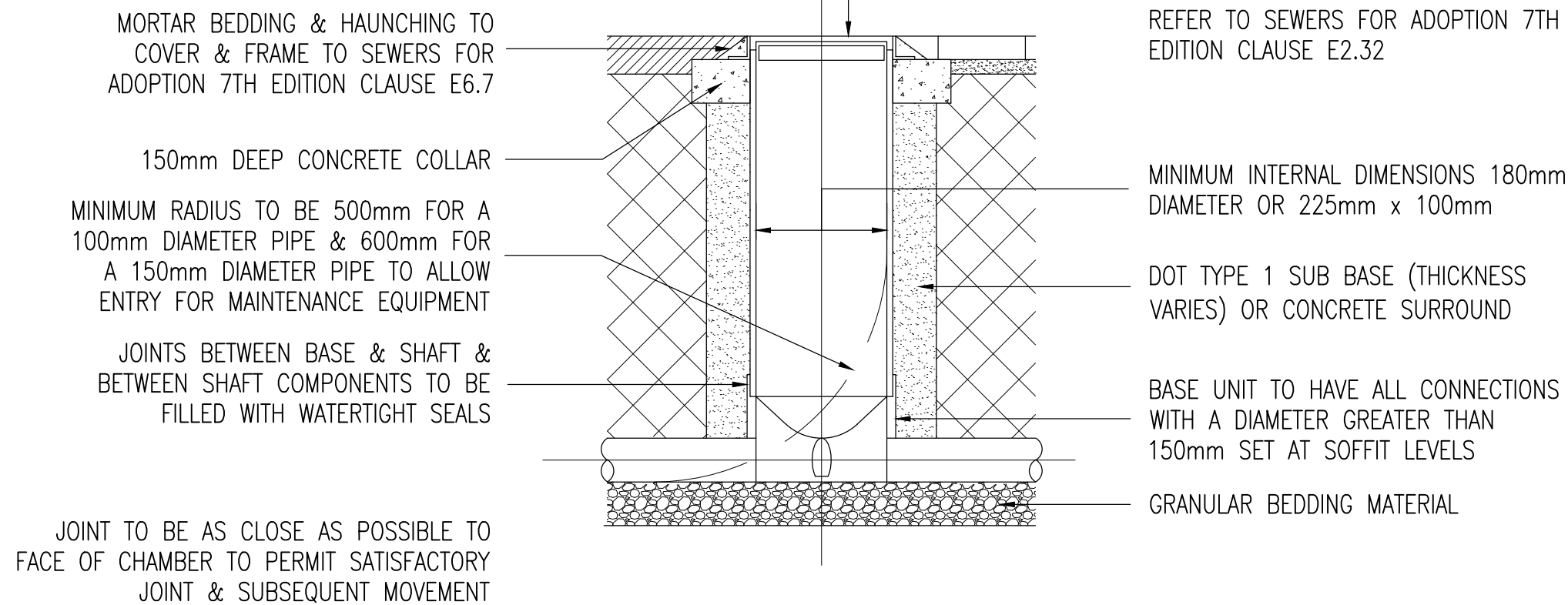
DIAMETER TYPE	THICKNESS OF COMPRESSIBLE FILLER (mm)
LESS THAN 450	15
450 TO 1200	30
EXCEEDING 1200	54

ST4 CONCRETE WITH COMPRESSIBLE FILLER BOARD AT 3m MAXIMUM CENTRES AND ALL PIPE JOINTS. FILLER BOARD SHALL CONSIST OF BITUMEN IMPREGNATED INSULATION BOARD TO B.S. 1142, B.S. EN 120 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

PLASTIC CHAMBERS & RINGS SHALL COMPLY WITH BS EN 13598-1 & BS EN 13596-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL



TYPICAL INSPECTION CHAMBER DETAIL - FIGURE B.21 TYPE 4
(FLEXIBLE MATERIAL DETAIL)

MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 2m, NON ENTRY
SCALE NTS

NOTES

GENERAL

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
3. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
4. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
6. THIS DRAWING IS COPYRIGHT © PROPERTY OF SHEAR DESIGN LIMITED.



CDM NOTES

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.