

Mortar bedding and haunching to cover and frame to Clause E6.7

Surface course
Binder course
Base course

Minimum 50mm gap between slab and chamber unit

le seal (Seal needs to be watertight and provide a suitable specification for the details and material)

Temporary cap shaft during construction

450mm internal dimensions

Minimum 150 mm thick granular type 1 sub-base material to Clause E2.43 or GEN3 in-situ concrete surround complying with E4.1 and BRE Special Digest 1 in accordance with the manufacturer's instructions

Base unit to have all connections with soffit levels set no lower than that of the main pipe

Granular bedding material

Invert of connecting pipe at least 50 mm above that of the main pipe

Joint to be as close as possible to face of chamber to permit satisfactory joint and subsequent movement

Joints between base and shaft and between shaft components to be fitted with watertight seals

Cover complying with Clause E2.32

If distance from cover level to soffit of pipe is $> 1m$, access opening shall be restricted to 350mm diameter or 300mm x 300 mm

Class B engineering brickwork or precast concrete cover frame seating rings

Precast concrete slab or in-situ concrete slab to support cover and frame

Granular type 1 sub-base material to Clause E2.43 (thickness varies)

Diagram illustrating a 45° single socket pipe bend installation. The diagram shows a horizontal line representing the ground level. A pipe is shown entering the ground at an angle of 45°. The pipe is labeled "110mm sealed aluminium rodding eye access cover." and "100mm GEN3 concrete surround". The bend is labeled "45° single socket pipe bend". The depth of the installation is indicated as "2.0m max. depth".

Mortar bedding and haunching to cover and frame to Clause E6.7

Cover complying with Clause E2.32

150 mm deep concrete collar

Temporary cap shaft during construction

Flexible seal

Compacted granular bed (type 20/5 or single size stone max 20mm)

If distance from cover level to soffit of pipe is > 1m, access opening shall be restricted to 350mm diameter or 300mm x 300 mm

Minimum internal dimensions
450 mm diameter or 450mm x 450 mm

Technical drawing of a cover installation showing various components and dimensions. The drawing includes labels for Mortar bedding and haunching to cover and frame to Clause E6.7, Temporary cap shaft during construction, Flexible seal, Granular bed or GEN3 complying with E4.1 and BRE Special Digest 1, Cover complying with Clause E2.32, Top soil, If distance from cover level to soffit of pipe $\geq 1\text{m}$, access opening shall be restricted to 350mm diameter or 300mm x 300 mm, and Minimum internal dimensions 450 mm diameter or 450mm x 450 mm.

Class C250 Cast Iron Inverted Gully
Grating & Frame to BS EN 124:2015
with 300mm square min. opening

50mm wide x 250mm deep
T2 concrete around gully.

300mm Ø Trapped Yard Gully
with 110mm Ø outlet

150mm min. Type 1
granular material

110mm Ø SWD
outlet pipe

Finished ground level.

Refer to Typical Inspection Chamber detail - Type D notes.

450mmØ Polypropylene Catchpit / Silt Trap with 300mm min. deep sump or similar approved.

Private car parking area

Proposed Back of Footway

Adaptable Footway

225mm x 125mm x 915mm
Type CD Dished Channel
to BS EN 1340:2003.

Hydraulically pressed precast
concrete 50mm x 150mm edging kerb.
Type EF Flat top.

ST1 Concrete to have
DS-1AC-1 resistance
to sulphates.

50

100

455

200

Bristol, Cardiff, Plymouth, Winchester jubb.uk.co
St James Court, St James Parade, Bristol BS1 3LH +44(0)117 922 6211