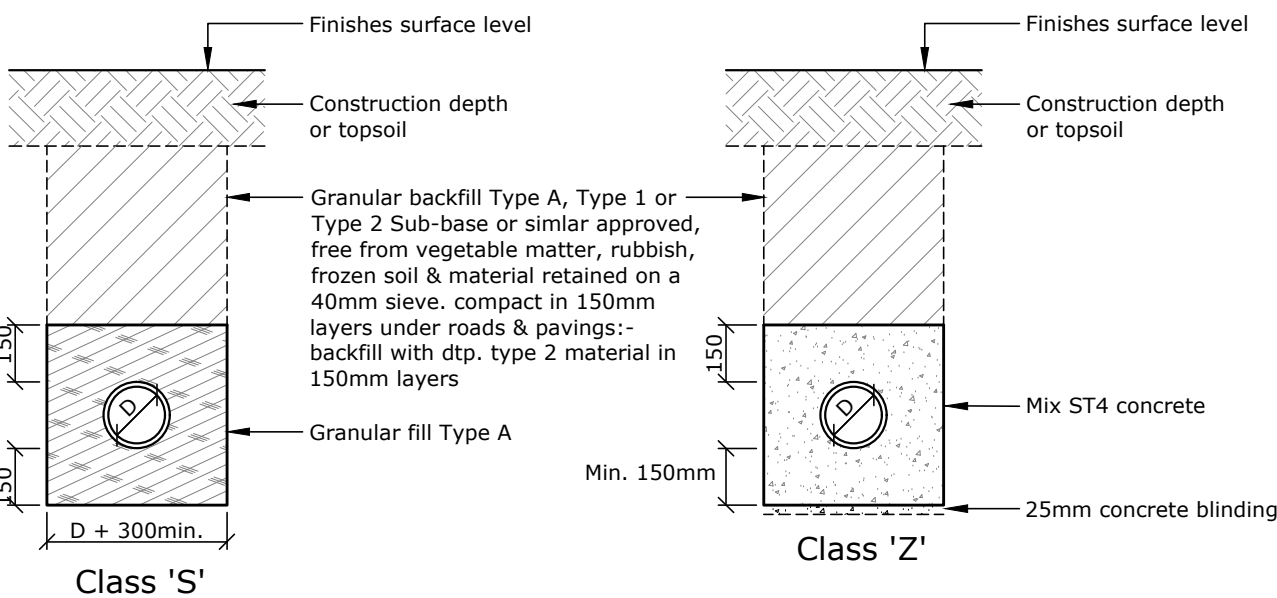


General Notes
All dimensions shown are in millimetres unless otherwise stated. They should not be scaled from the drawings and must be checked on site, by the Contractor, from the actual work wherever possible.

These notes shall be read directly in conjunction with BPS's other relevant drawings and the Architect's details, together with any subsequent revisions and amendments.

The Contractor shall be responsible for all temporary and permanent support works necessary.

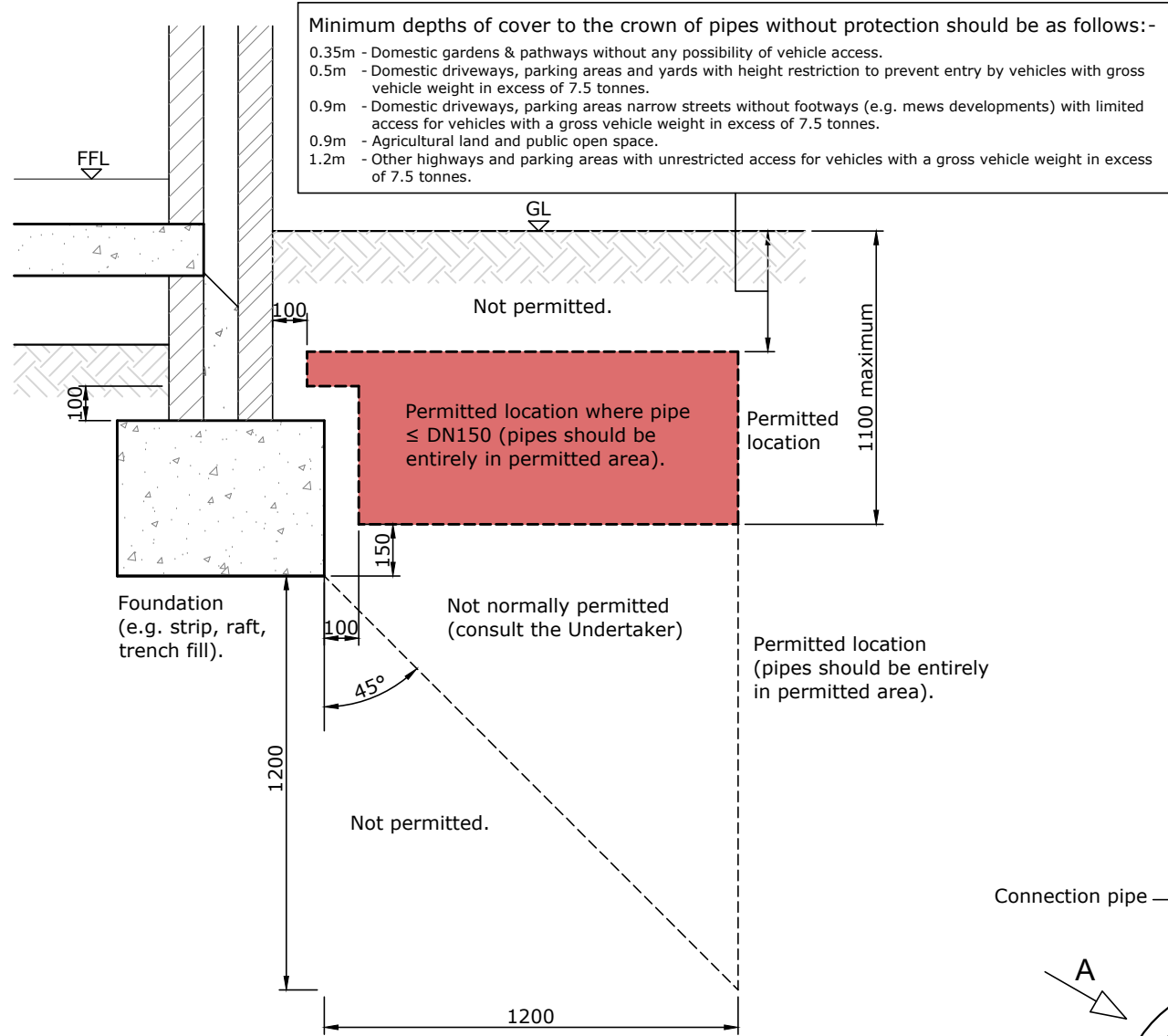
The Contractor shall provide evidence, including photographs, to show that the drainage systems have been constructed as such. Records shall be incorporated within the Health & Safety File.



Typical Pipework Bedding Details (1:20)

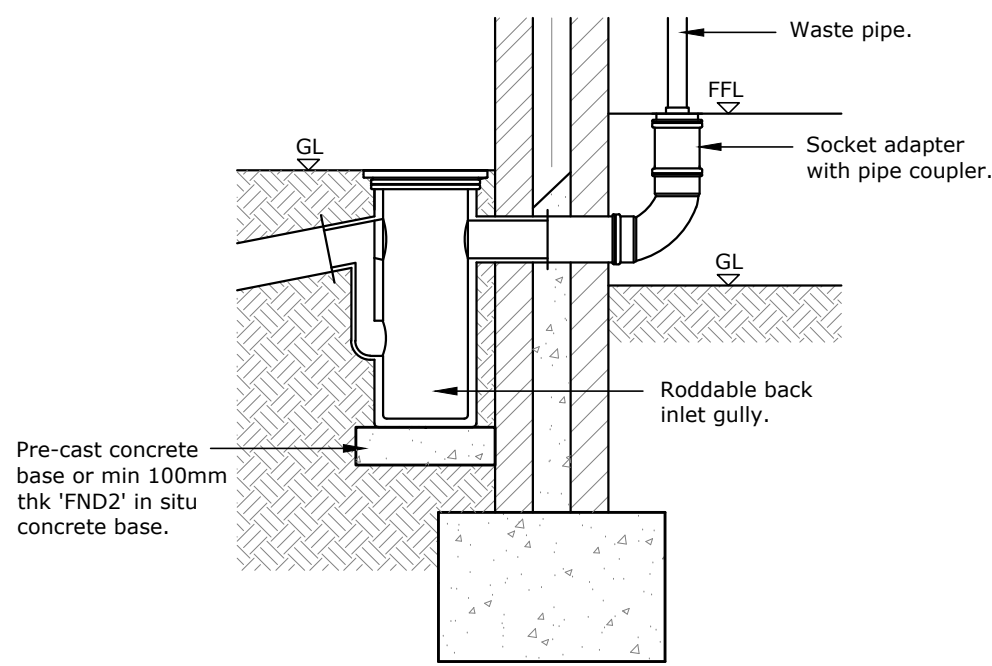
Minimum depths of cover to the crown of pipes without class 'Z' bedding protection should be as follows:-

- 0.35m - Domestic gardens & pathways without any possibility of vehicle access.
- 0.50m - Domestic driveways, parking areas and yards with height restriction to prevent entry by vehicles with gross vehicle weight in excess of 7.5 tonnes.
- 0.90m - Domestic driveways, parking areas narrow streets without footways (e.g. mews developments) with limited access for vehicles with a gross vehicle weight in excess of 7.5 tonnes.
- 0.90m - Agricultural land and public open space.
- 1.20m - Highways and parking areas with unrestricted access for vehicles with a gross vehicle weight in excess of 7.5 tonnes.

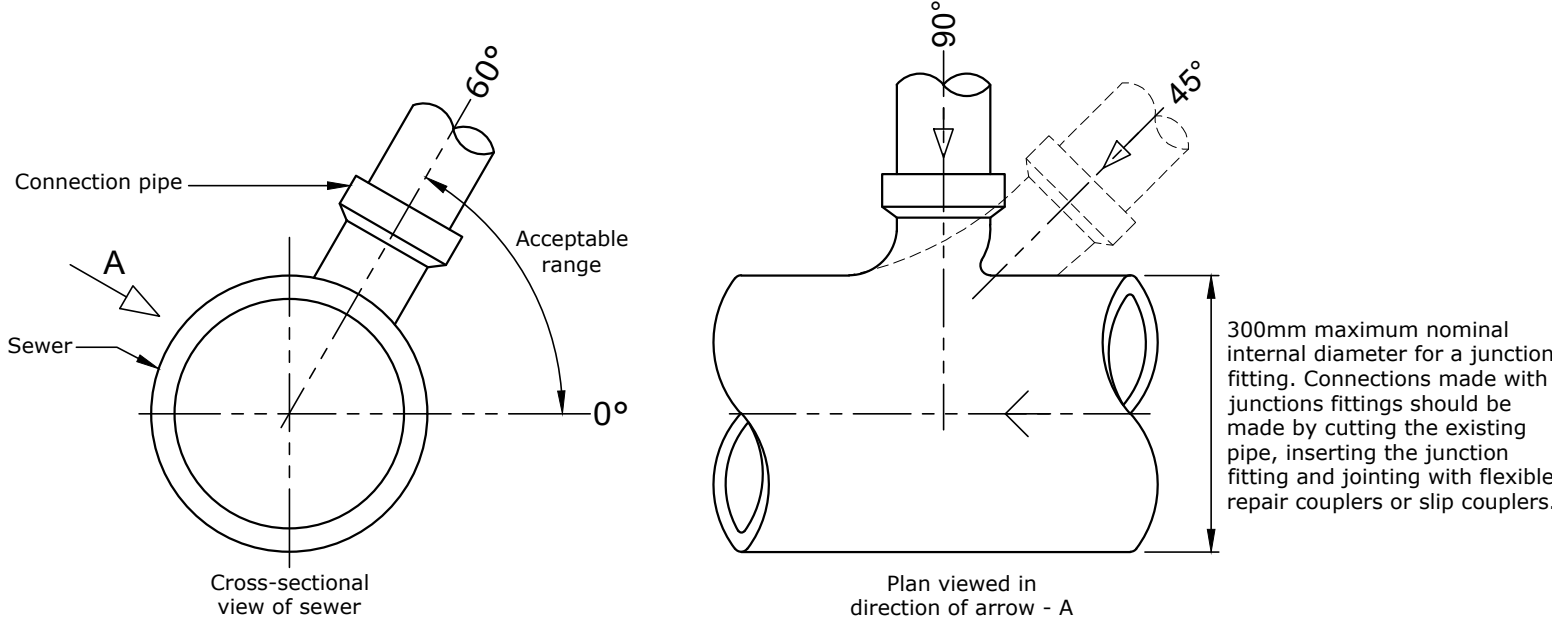


Permitted Location of Sewers and Lateral Drains in Proximity to Building (1:20)

Figure B.1



External Waste Water Roddable Back Inlet Gully Detail (1:20)

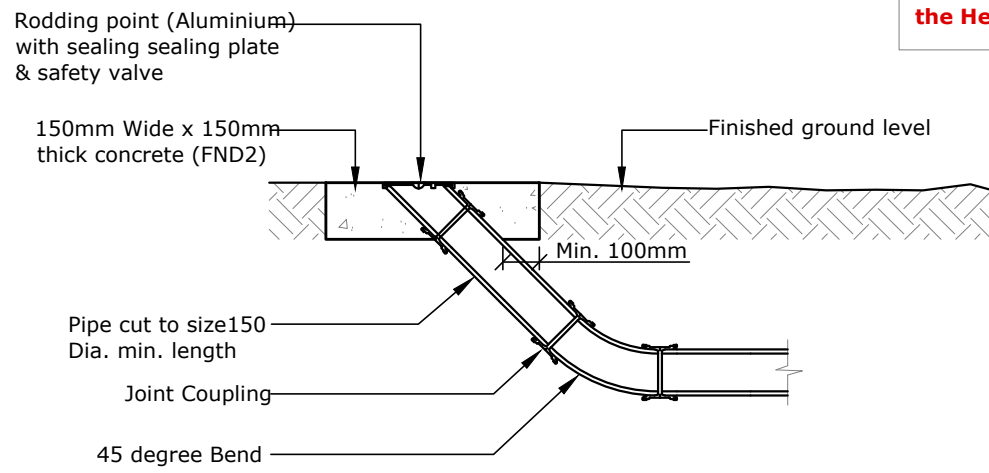


Connections To A Sewer (1:10)

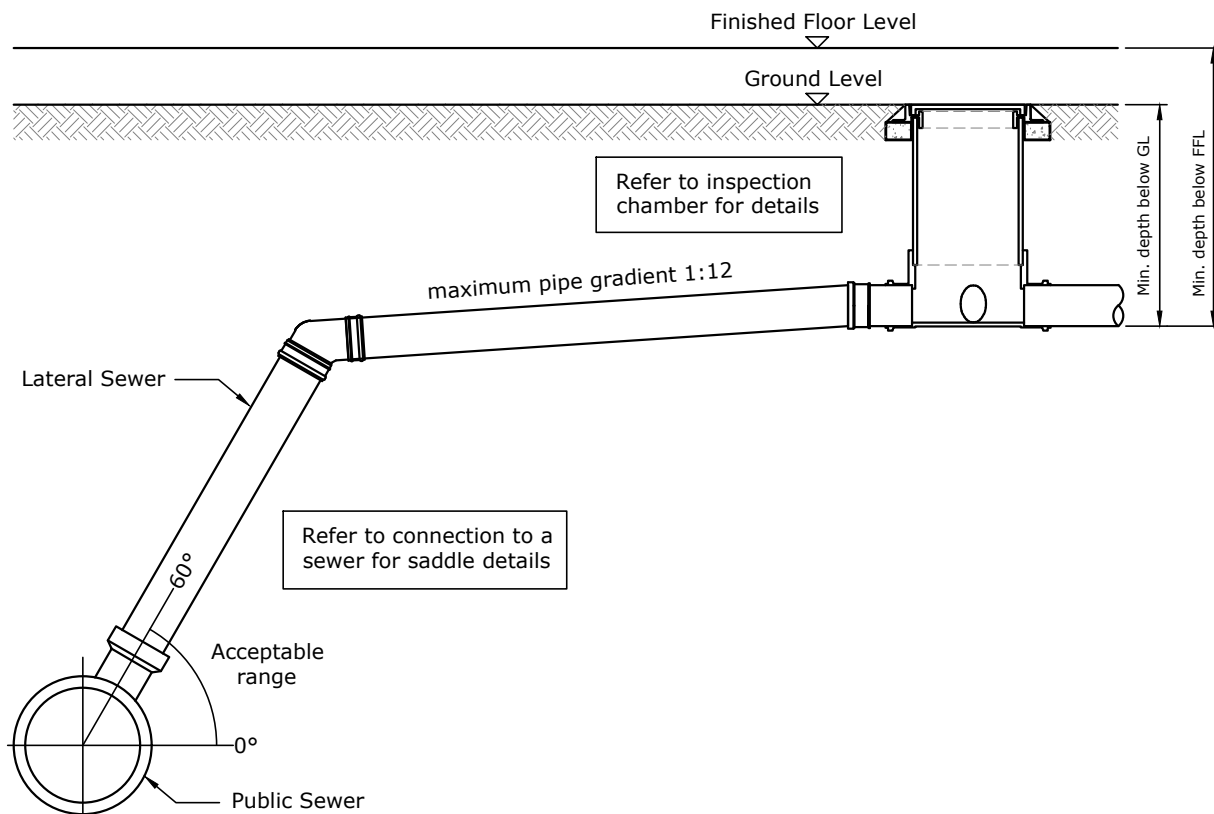
Connections being made to a sewer with a nominal internal diameter greater the 300mm :-

Where the diameter of the connecting pipe is greater than half the diameter of the sewer, the connection of an access point should be constructed.

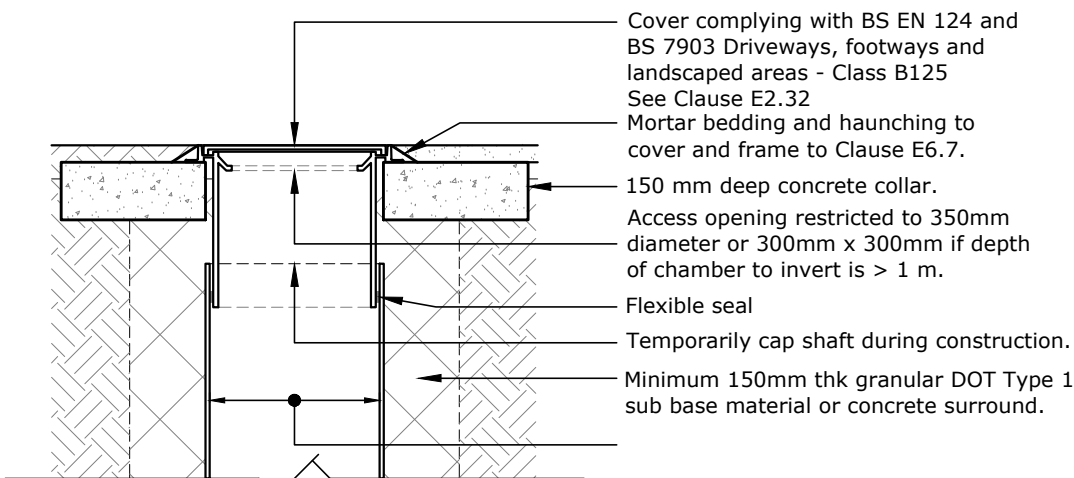
Where the diameter of the connecting pipe is less than or equal to half the diameter of the sewer, then the connection should be made using a preformed saddle fitting. Saddle fittings should be made by cutting and safely removing a core from the pipe and jointing the saddle fitting to the pipe, in accordance with the manufacturer's instructions, to ensure a watertight joint. The connecting pipe should not protrude into the sewer.



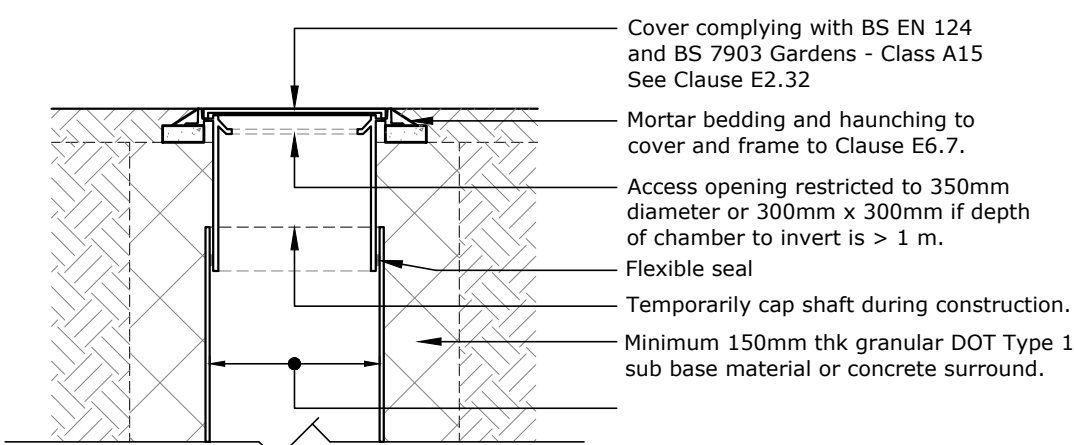
Roddung Eye Detail (1:20)



Typical Lateral Sewer Connection To A Public Sewer (nts)



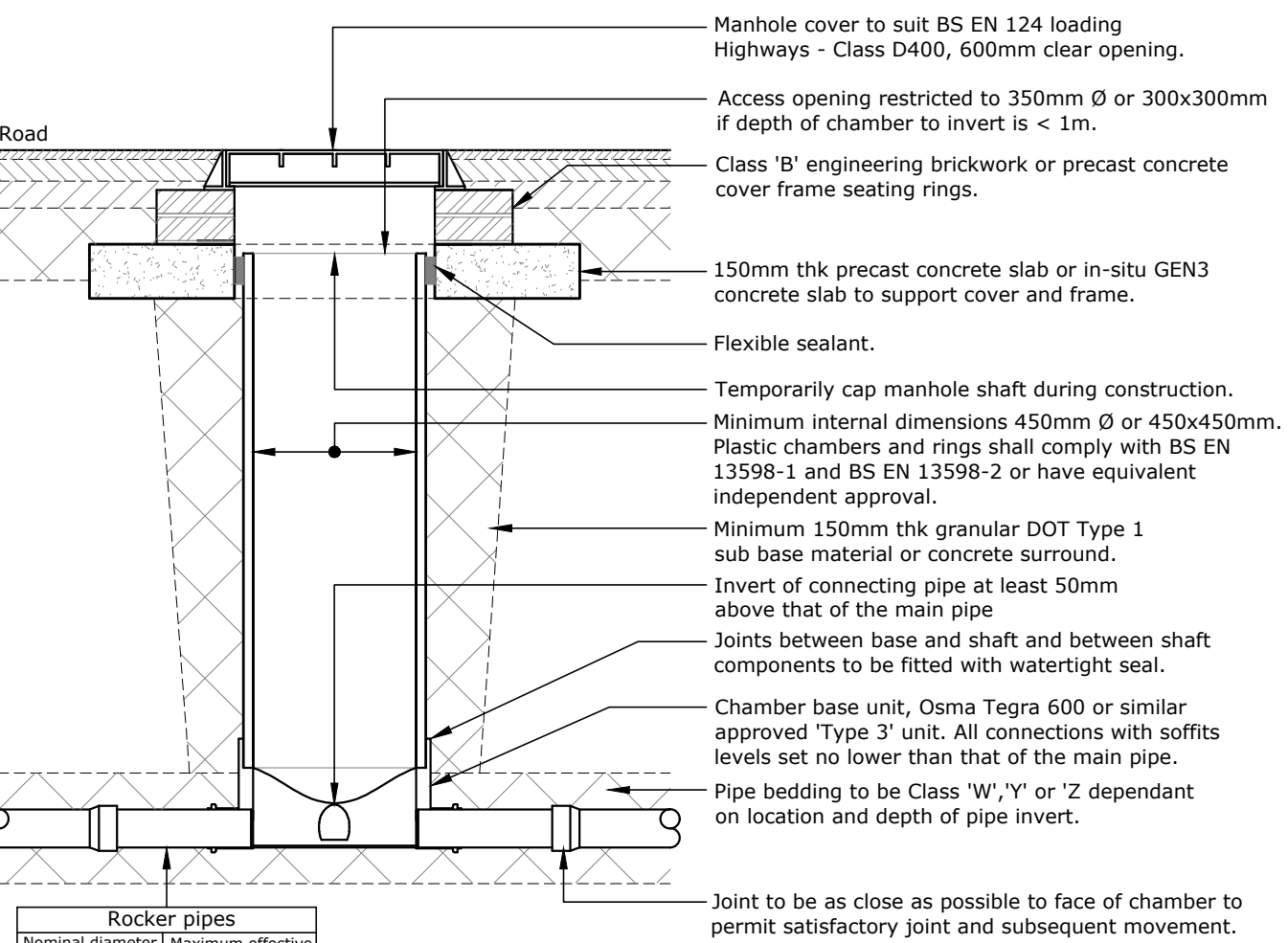
Sited in driveways/paved areas



Sited in domestic gardens

'ICD' Alternative Inspection Chamber Details 'Type D' (nts)

For light vehicle loading and landscaped areas
Note: Where the access chamber is in the highway the Highway Authority can have specific requirements
DGC Figure B.19

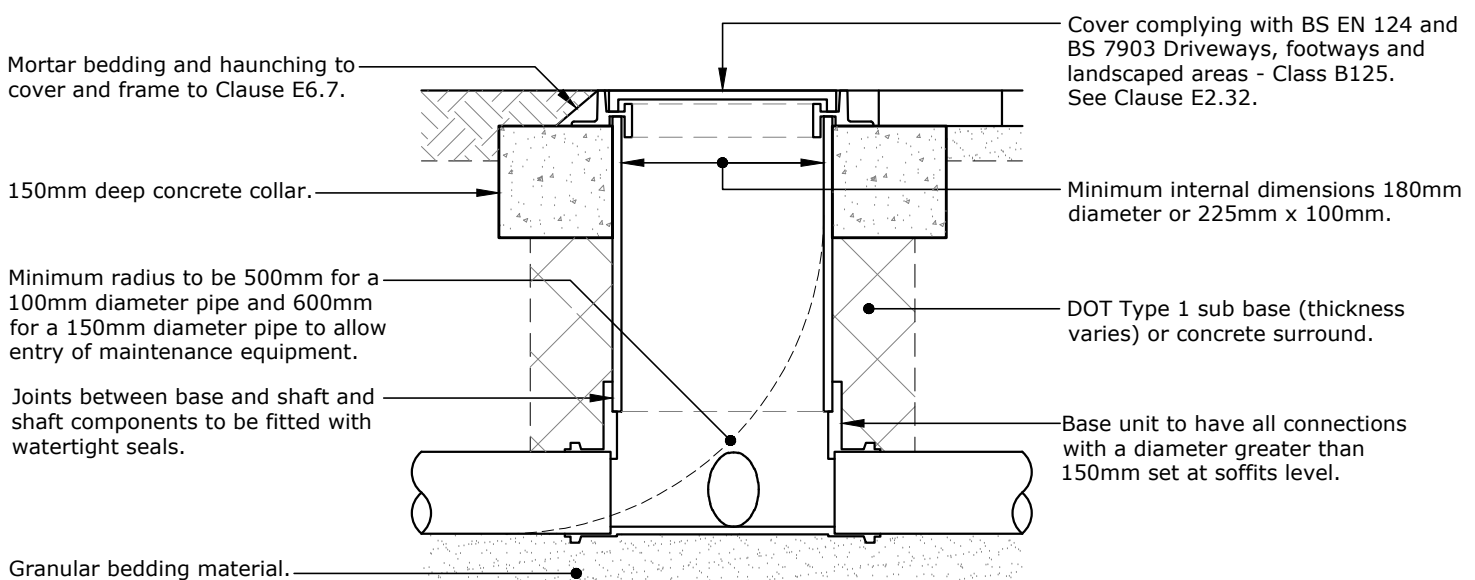


'ICD' Typical Inspection Chamber Detail 'Type D' (1:20)

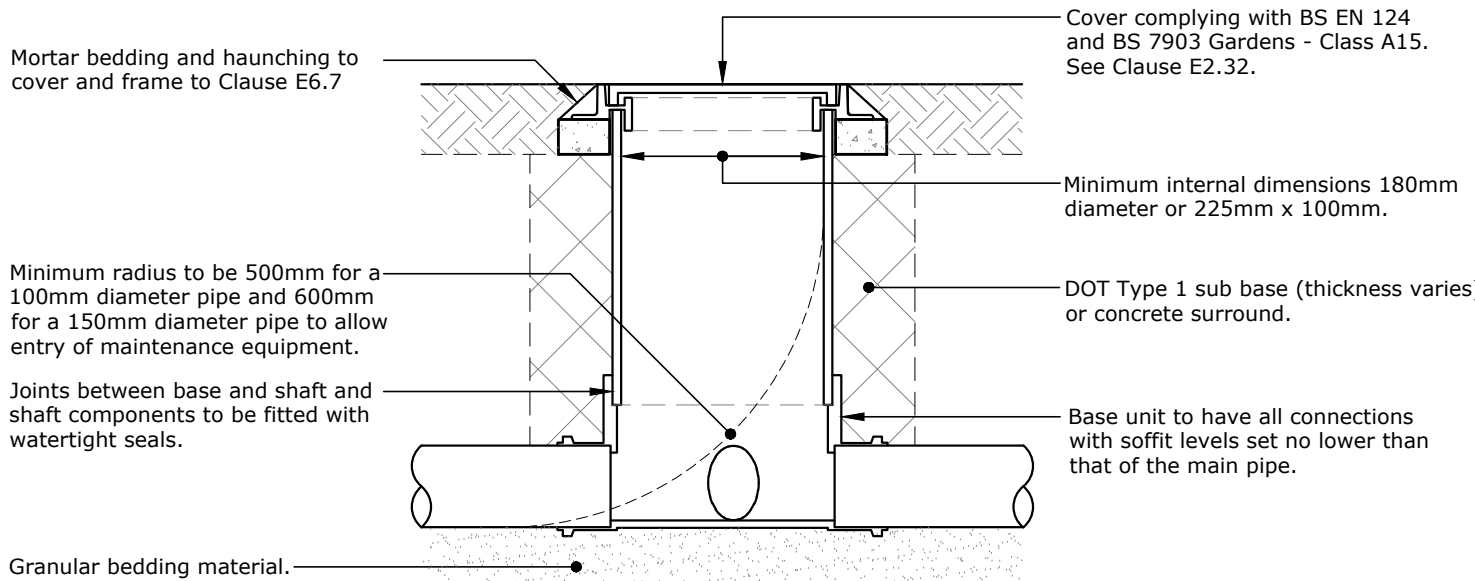
Depth from cover level to soffit of pipe up to 3.0m

Flexible material construction for use in areas subject to vehicle loading

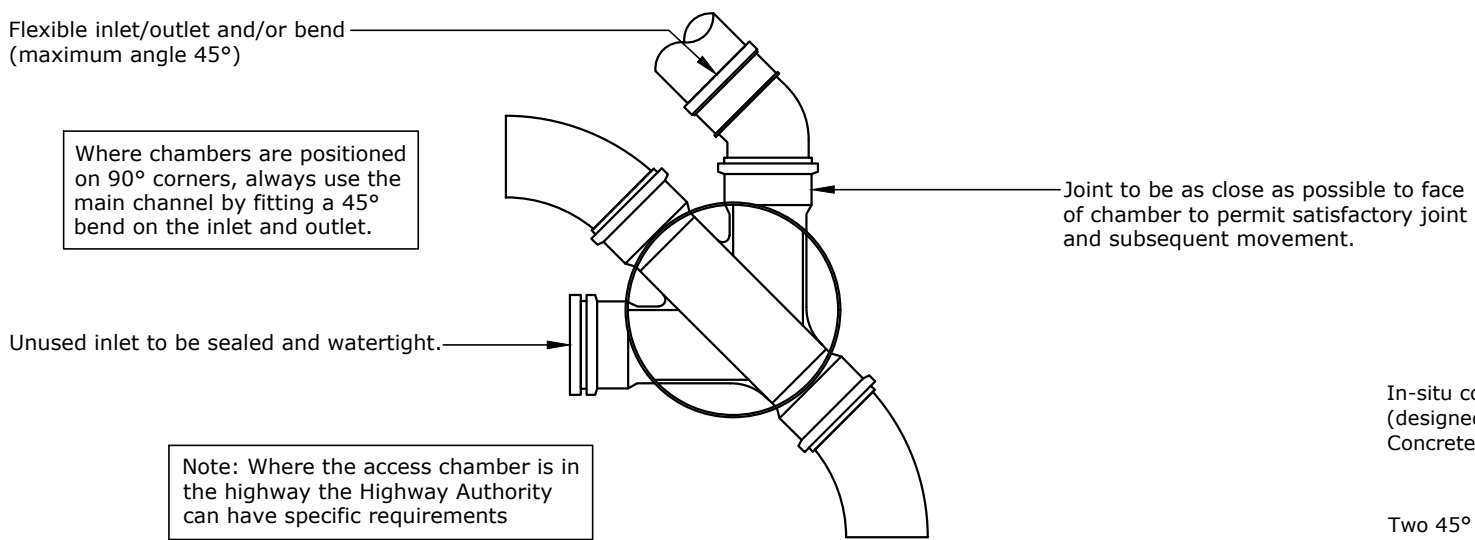
Note: Where the access chamber is in the highway the Highway Authority can have specific requirements
Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval
DCG Figure B.18



Sited in driveways/paved areas



Sited in domestic gardens

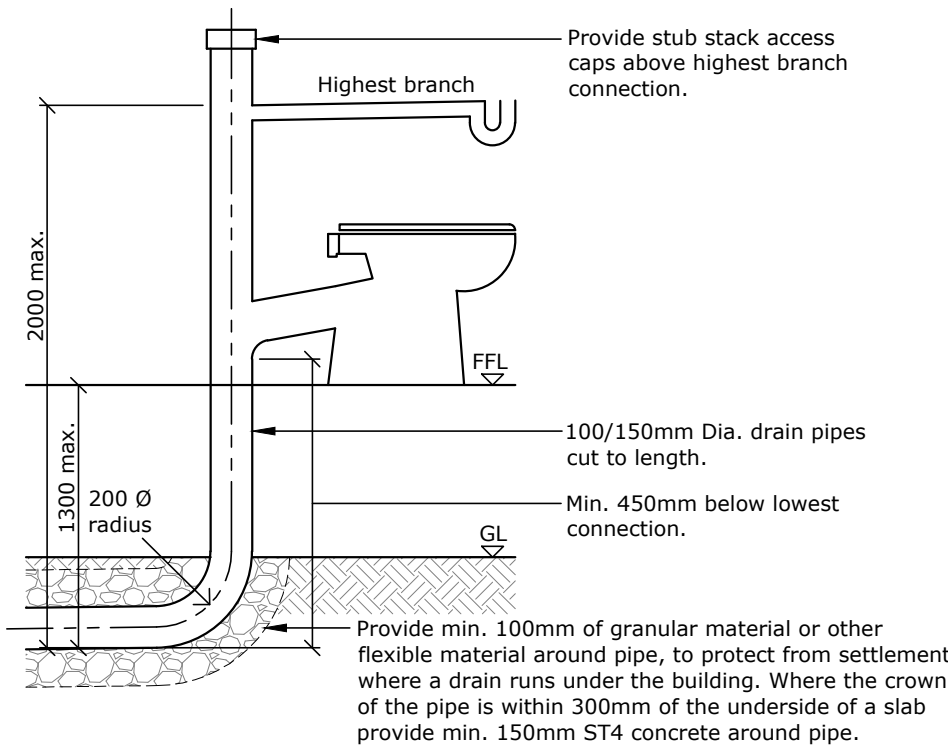


'ICE' Typical Inspection Chamber Detail 'Type E' (1:10)

Depth from cover level to soffit of pipe up to 2.0m

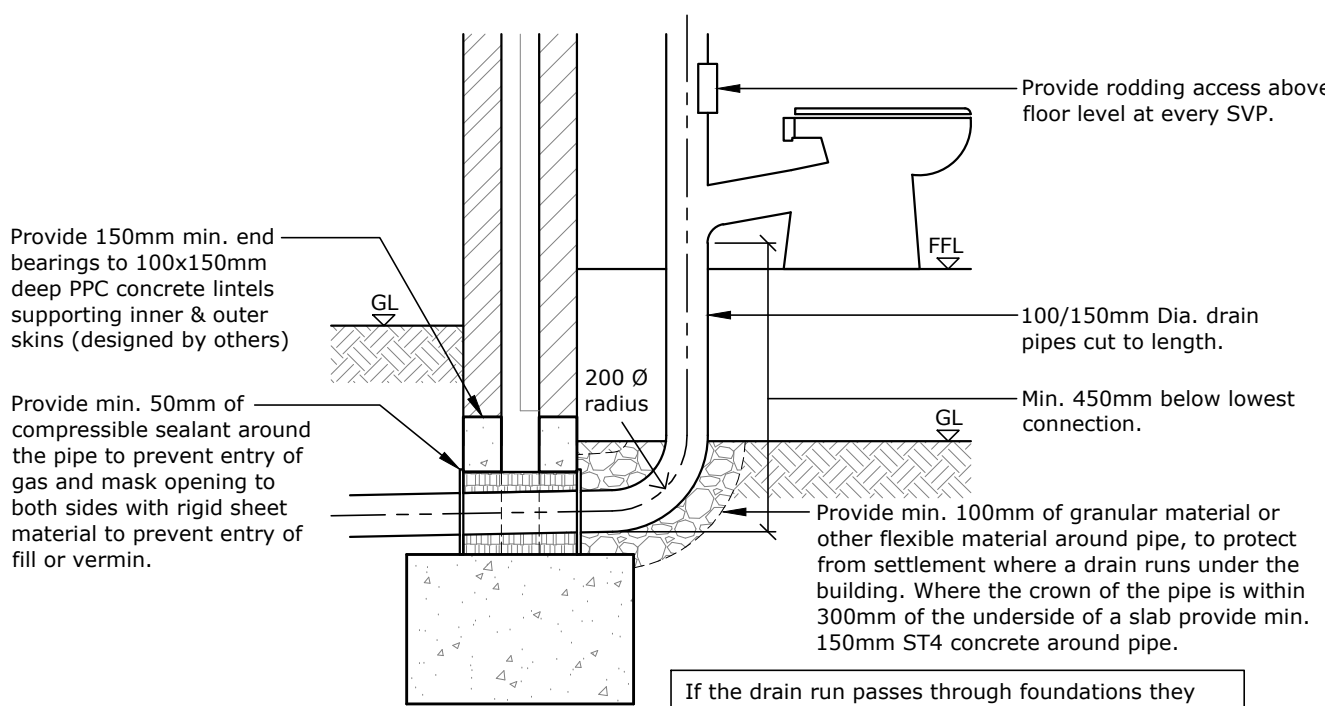
Flexible material construction

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval
Figure B.21

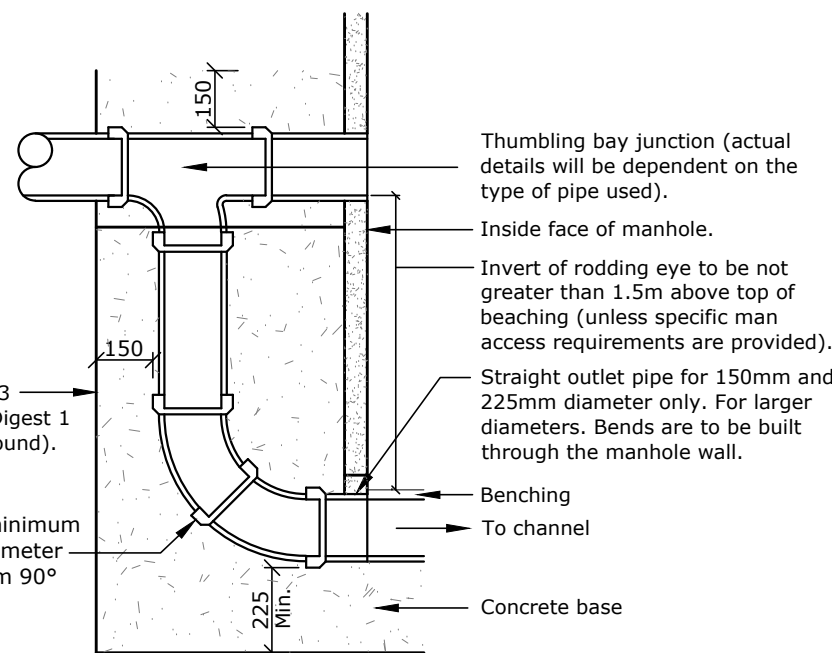


Internal Foul Stub Stack Detail (1:20)

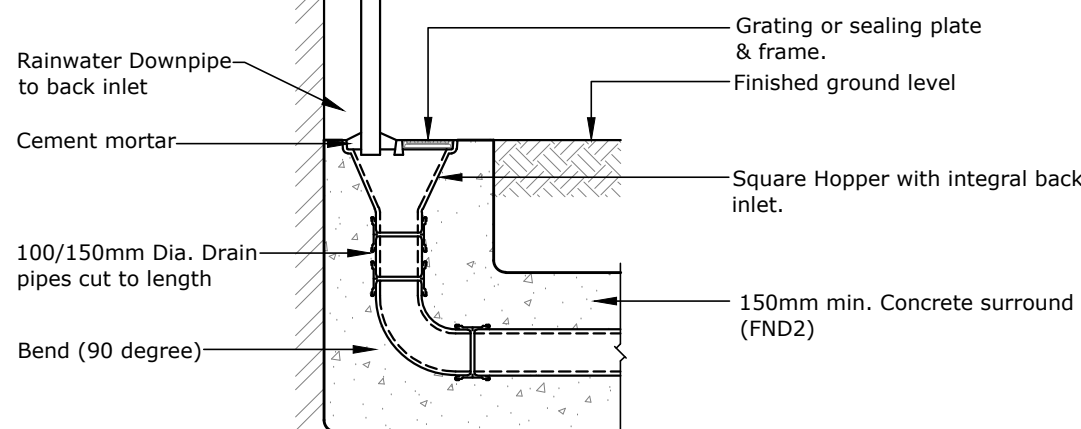
A stub stack may be used if it connects into a ventilated discharge stack or into a ventilated drain not subject to surcharging and where no connected water closet has a floor level more than 1.3m above the invert level and no other branch into stub stack has centreline more than 2m to the centreline above the invert of the connection or drain.



Internal Foul Soil Vent Pipe Detail (1:20)



Typical Vertical Backdrop (1:20)



Base Of External Rainwater Pipe Detail (1:20)

For Approval

P01 13/02/25 Issued for approval rmh
rev date amendment by

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Drainage Details 2

scales: as shown @ A1 date: feb 25 drawn by: rmh

project no: 24079 drawing no: DR-D-1221-S4 P01

BPS