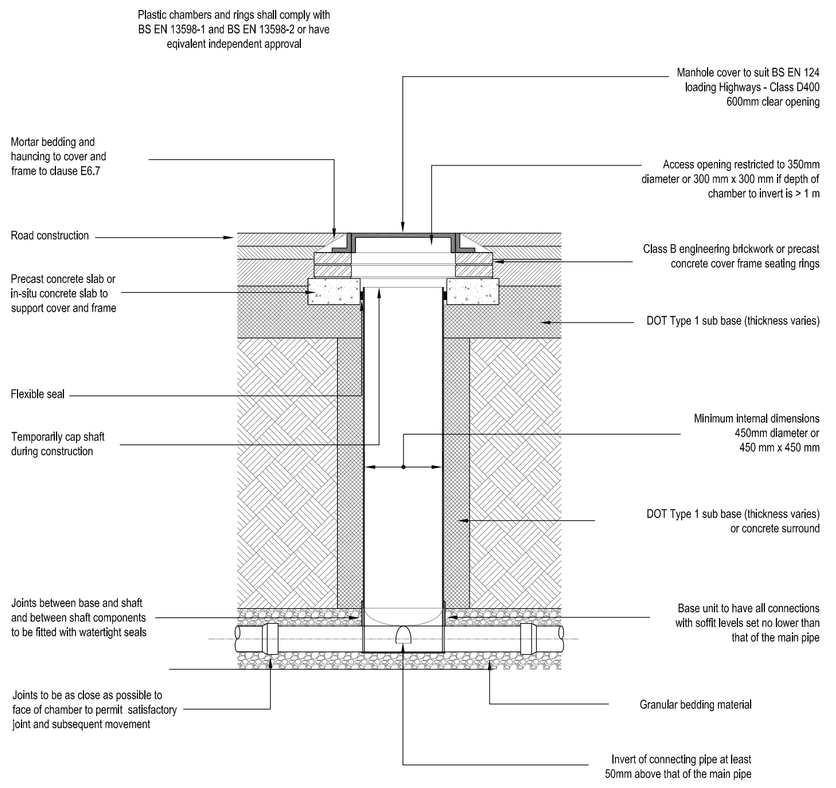
TYPICAL OSMA INSPECTION CHAMBER DETAIL- TYPE 3
(Flexible material detail)

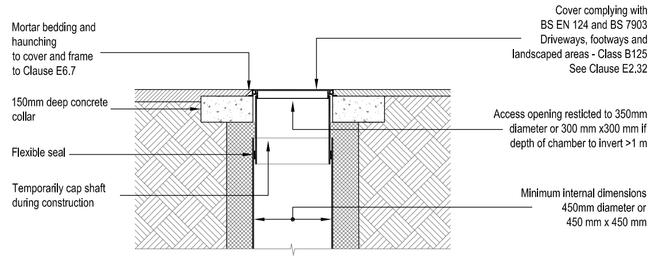
Maximum depth from cover to soffit level of pipe in areas subject to vehicle loading 3 m, non-entry



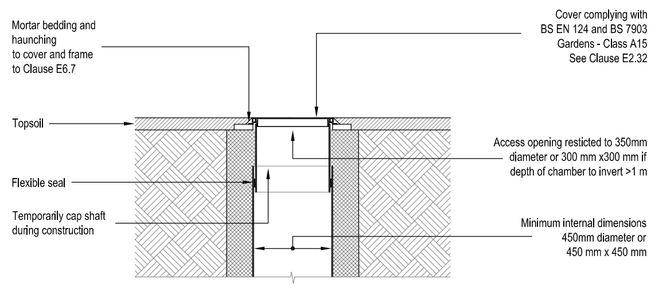
ALTERNATIVE TOP DETAILS FOR LIGHT VEHICLE LOADING AND LANDSCAPED AREAS - TYPE 3

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have eqivalent independent approval

Sited in domestic driveways or footways



Sited in domestic gardens

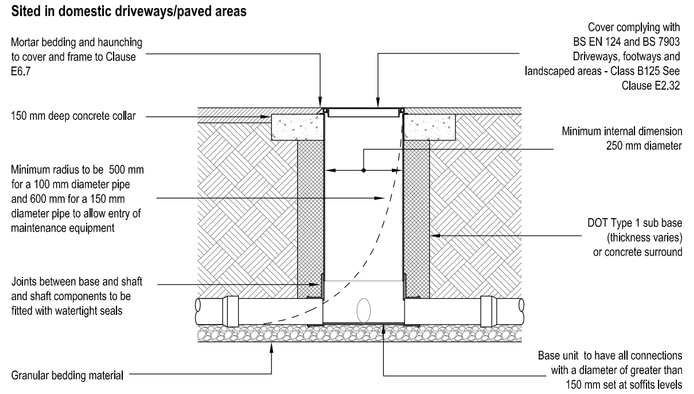


TYPICAL OSMA INSPECTION CHAMBER DETAIL - TYPE 4
(Flexible material construction)

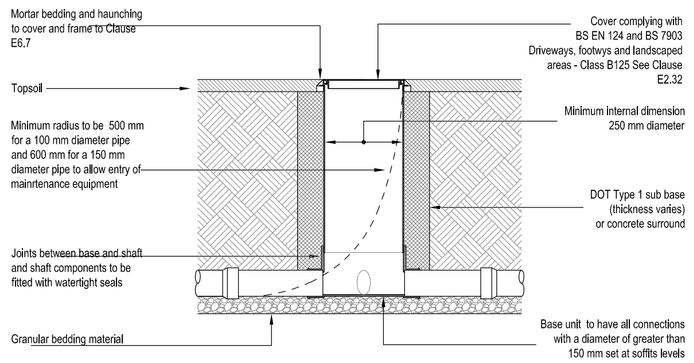
Maximum depth from cover level to soffit of pipe 2 m, non entry

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have eqivalent independent approval

Sited in domestic driveways/paved areas

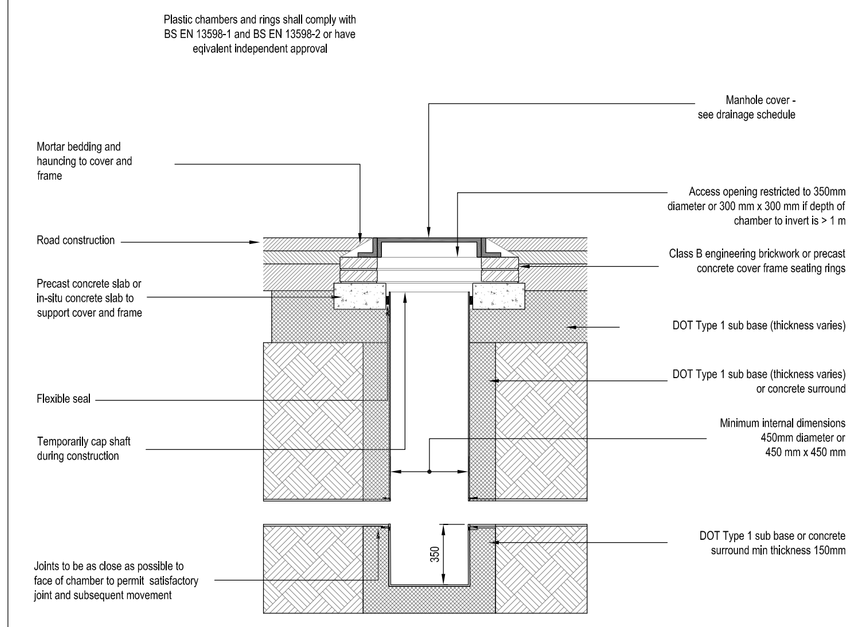


Sited in domestic gardens



TYPICAL OSMA CATCHPIT CHAMBER DETAIL - TYPE 5
(Flexible material construction)

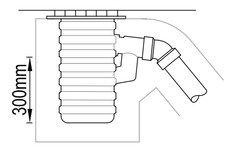
Maximum depth from cover level to soffit of pipe 2 m, non entry



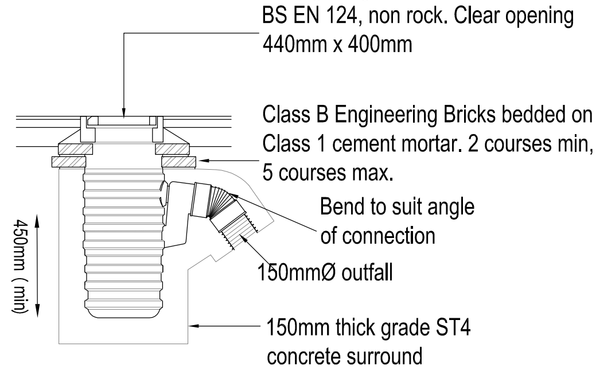
Catchpit/Silt TrapDetails

Inspection Chamber Details

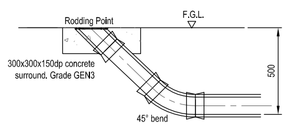
300mm dia x 600mm deep polypropylene trapped yard gully with grade B 300mm x 300mm cast iron hinged grating and frame to BS EN124 and 150mm thickness grade GEN3 concrete surround as shown.



'ULTRA-RIB' Yard Gully



'ULTRA-RIB' Road Gully

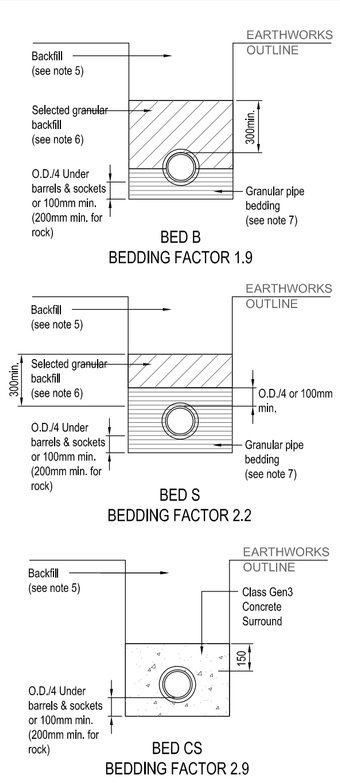


Rodding Eye

Gully & Rodding Eye Details

BEDDING NOTES:

1. All pipes shall be laid in trenches in accordance with Part H of the building regulations.
2. All trenches shall have vertical sides for full depth. Exceptionally, with prior approval of the Engineer, trenches may be battered above a point not less than 300mm above the top of the pipe.
3. All bedding classes requiring concrete shall have a 12mm expansion joint constructed for the full width and depth of the concrete and shall be placed at pipe joints not more than 5.0 metres apart.
4. Reinstatement of trenches in existing carriageways shall comprise of the same materials and thicknesses to underside of wearing course as for new carriageway construction unless otherwise described in the Contract.
5. Selected fill or granular fill free from stones larger than 40mm.
6. Selected fill: free from stones larger than 40mm, lumps of clay over 100mm, timber, frozen material & vegetable matter.
7. Granular Material - For rigid pipes the granular material should conform to BS EN 1610 Annex B Table B.15 and should be single size material or graded material from 5mm up to a maximum size of 10mm for 100mm pipes, 14mm for 150mm pipes, 20mm for pipes from 150mm up to 600mm Ø and 40mm pipes more than 600mm Ø. Compaction maximum 0.3 class B.
8. All works and materials to be in accordance with Water Authorities Association "Sewers for Adoption" 7th edition.
9. Bed B: To be used in areas not subjected to vehicular loadings. Where depth of cover is less than 0.5m then a protective slab or concrete blinding should be installed.
   Bed S: To be used in areas subject to traffic loading where depth of cover >0.9m.
   Bed CS: To be used in areas subject to traffic loading where depth of cover is <0.8m.



Bedding Classes

Rev.	Date	Details	Initials
C	13.01.21	Gully sump depth added	KN
B	25.10.20	Sump depth added	KN
A	14.10.20	First Issue	KN

Drawing Status: PRELIMINARY FOR CONSTRUCTION

Project: CINDERS NURSERY: Phase 2
YAPTON

Client: Crayfern HOMES

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Drawing Title: Engineering Details
Standard Construction Details

Drawn	Checked	Scales	Paper Size	Date
KN		1:25	A1	10.20

Job No.	Drawing No.	Revision
KNC2006	501-02	C

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ARUN DISTRICT COUNCIL V14/21/DOC