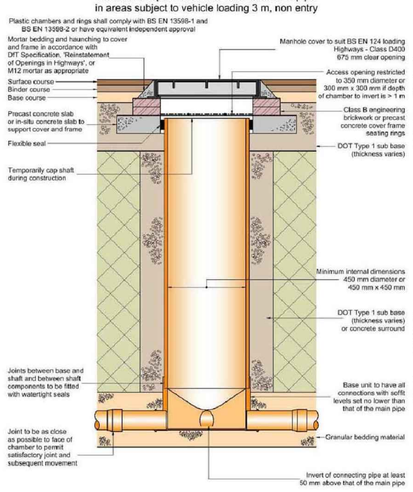
Superseded

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

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



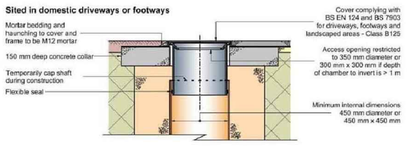
Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

Not to scale

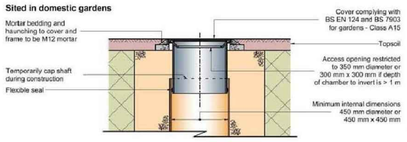
ALTERNATIVE TOP DETAILS FOR LIGHT VEHICLE LOADING AND LANDSCAPED AREAS- TYPE 3

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

Sited in domestic driveways or footways



Sited in domestic gardens

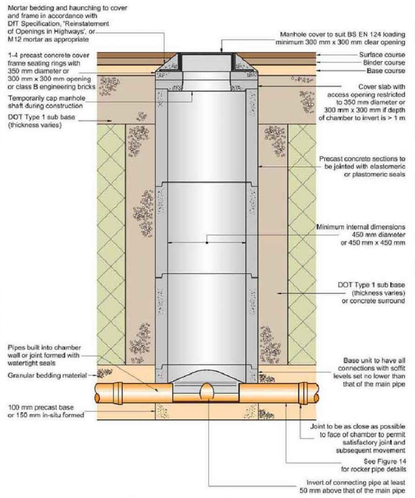


Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

Not to scale

TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3 (Rigid material detail)

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

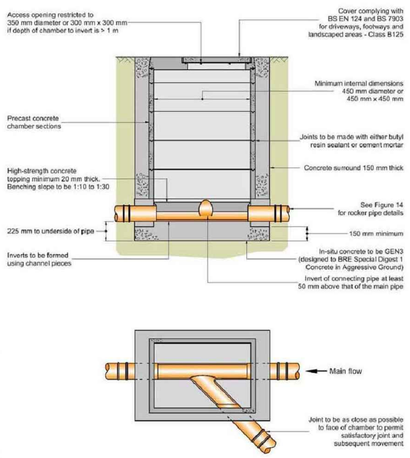


Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

Not to scale

TYPICAL INSPECTION CHAMBER DETAIL - TYPE 3 (Rigid material detail)

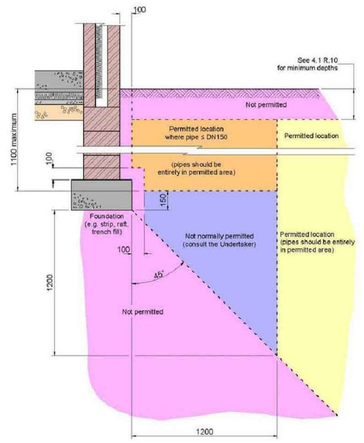
Alternative maximum depth from cover level to soffit of pipe 3 m for areas not subject to vehicle loading or areas subject to light vehicle loading, non entry



Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

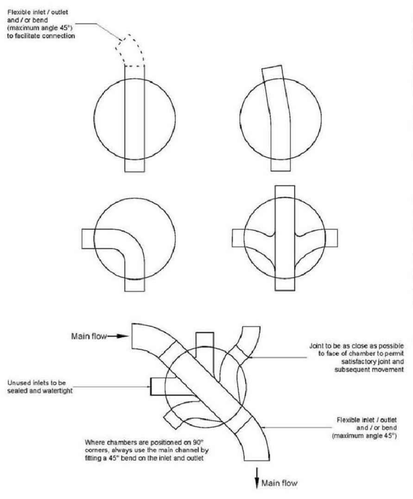
Not to scale

PERMITTED LOCATION OF SEWERS AND LATERAL DRAINS IN PROXIMITY TO BUILDINGS



Not to scale, dimensions in millimetres

ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS



Note: Where a bend is used immediately outside the manhole, this may be used as the rocker pipe

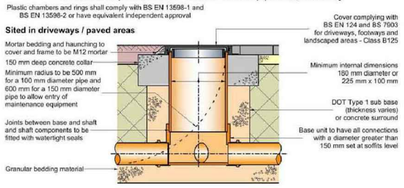
Not to scale

TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Flexible material detail)

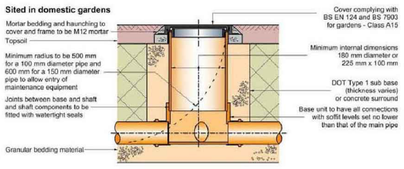
Maximum depth from cover level to soffit of pipe 2 m, non entry

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

Sited in driveways / paved areas



Sited in domestic gardens

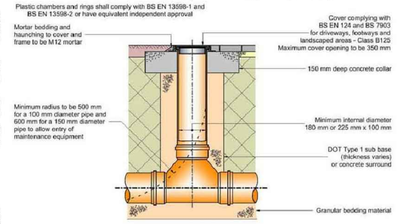


Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

Not to scale

TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Alternative construction detail)

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

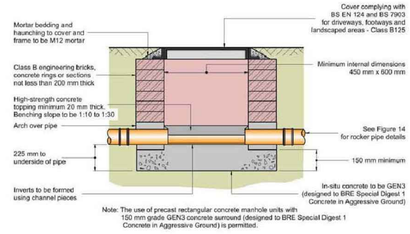


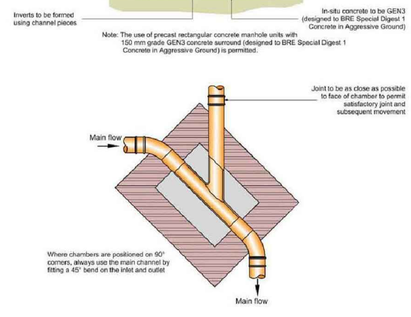
Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

Not to scale

TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Rigid material detail)

Maximum depth from cover level to soffit of pipe 1 m, non entry

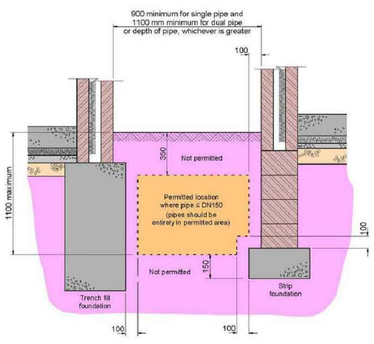




Note: Where the access chamber is in the highway the Highway Authority can have specific requirements

Not to scale

ADDITIONAL DETAIL - PERMITTED LOCATION OF SEWERS AND LATERAL DRAINS BETWEEN BUILDINGS (where Figure 1 is not applicable only)

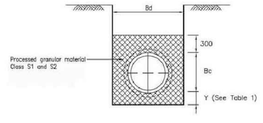


Not to scale, dimensions in millimetres

TABLE 1 Minimum Effective Embedment Dimensions for Flexible and Semi Rigid Pipes			
Nominal Int Pipe Dia	Dimension Y1 (Even trench bottom)	Dimension Y2 (Rock or uneven trench bottom*)	Minimum Effective Trench Width Bd (see note 2)
<400	100	200	Bc+300
400–700	150	250	Bc+450
725–900	200	300	Bc+600
925–1200	250	350	Bc+800

*Note:
The minimum depth of processed granular material under pipe sockets shall be 50mm for even trench bottom and 150mm for uneven trench bottom.

Bc = Outside Diameter of pipe
Bd = Effective trench width measured 300mm above crown of pipe



TYPE 1
EMBEDMENT CLASSES S1 TO S5

FLEXIBLE AND SEMI RIGID PIPE EMBEDMENTS

NOTES:

THE DEVELOPER MUST SELF-VET AND CERTIFY THAT THE DESIGN CRITERIA, MATERIAL STANDARDS AND WORKMANSHIP SPECIFICATIONS FOR THE PROPOSED ADOPTABLE SEWERS ARE IN ACCORDANCE WITH THOSE SET OUT IN 'SEWERS FOR ADOPTION' 7th EDITION AND THE REQUIREMENTS OF DWR CYMRU WELSH WATER AS THE STATUTORY SEWERAGE UNDERTAKER.

ALL HIGHWAY WORKS TO BE IN ACCORDANCE WITH 'NEATH PORT TALBOT COUNTY BOROUGH COUNCIL GUIDE TO THE LAYOUT OF DEVELOPMENT ROADS' & 'SPECIFICATION FOR THE CONSTRUCTION OF ROADS FOR ADOPTION'

REV	DATE	DRAWN/CHK	REVISION INFO
P02	13.11.19	NR/TW	DESIGN FINALISED
P01	30.10.19	NR/TW	ISSUED FOR APPROVAL

STATUS:

PRELIMINARY

PROJECT:

HERITAGE GATE
COED DARCY
PHASE 3

DRAWING TITLE:

STANDARD DRAINAGE CONSTRUCTION DETAILS
SHEET 2 of 2

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1649	NTS	S2

IESISSTRUCTURES

LONDON 20 IRONMONGER LANE | LONDON | EC2V 8EP | UK T: +44 (0)207 600 2912
BRISTOL 89-95 REDCLIFFE STREET | BRISTOL | BS1 6LU | UK T: +44 (0)117 922 7039
MANCHESTER COMMERCIAL WHARF | 6 COMMERCIAL STREET MANCHESTER, M15 4PZ | UK T: +44 (0)845 643 2741
www.iesisgroup.com

CLIENT:

HERITAGE GATE

DRAWING NUMBER:	REVISION:
COD-ISS-P2-XX-DR-C-3551	P02