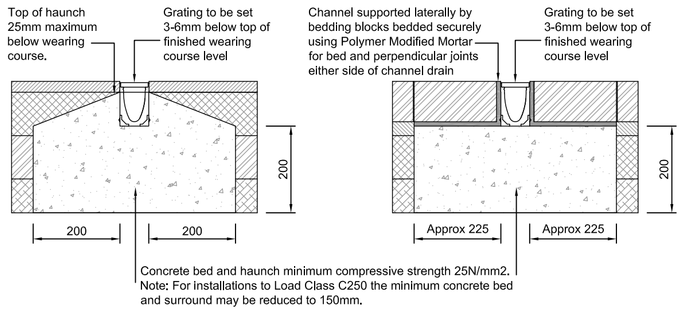
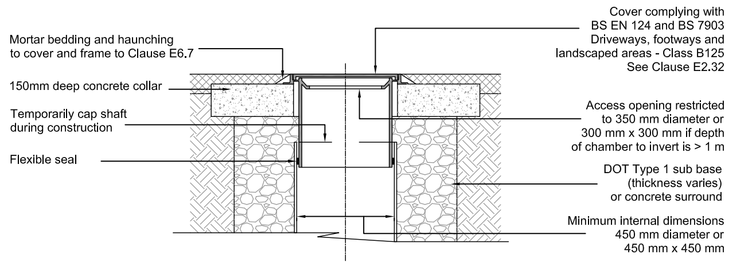


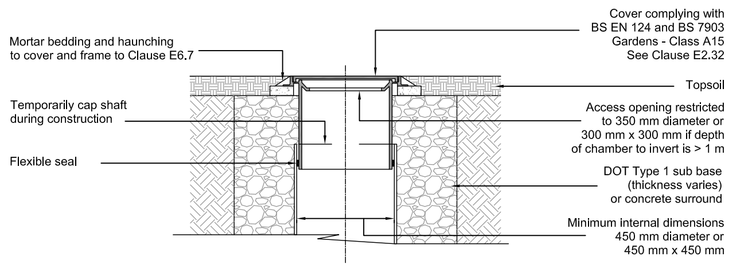
Asphalt Pavement Block Pavement

Aco ParkDrain shown - equivalent approved permitted

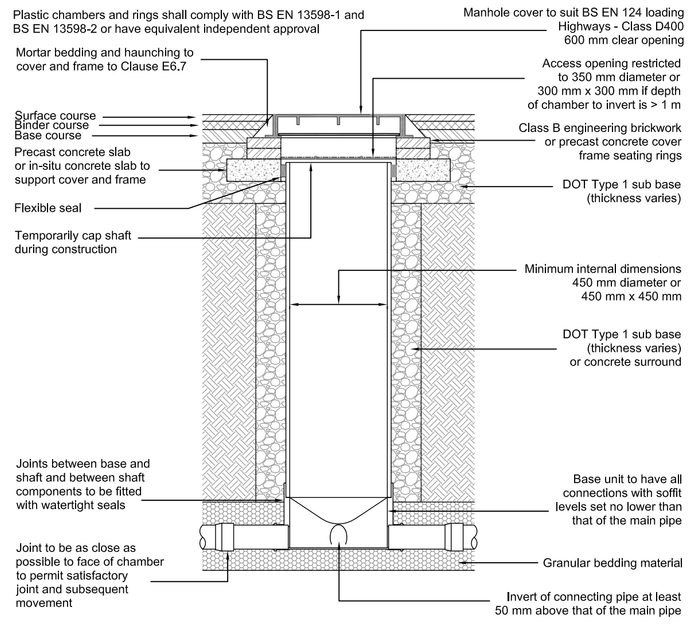
Typical Channel Drain Detail
Scale 1:10



Alternative Top Detail for
Individual Dwelling Driveways, Footways and Landscaped Areas
Typical Inspection Chamber Detail - Type 3



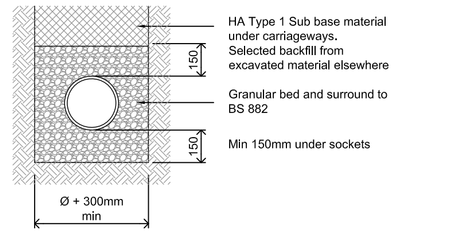
Alternative Top Detail for Domestic Garden Areas
Typical Inspection Chamber Detail - Type 3



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

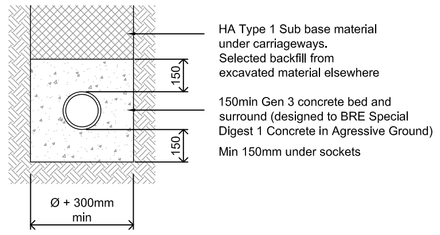
In accordance with SFA 7th Edition
(Note: Clause References are to SFA 7th Editon)
Maximum depth from cover level to soffit of pipe
in areas subject to vehicle loading 3m , non-entry

Typical Inspection Chamber Detail - Type 3
(Flexible material detail)



Drainage with more than 1.2m cover

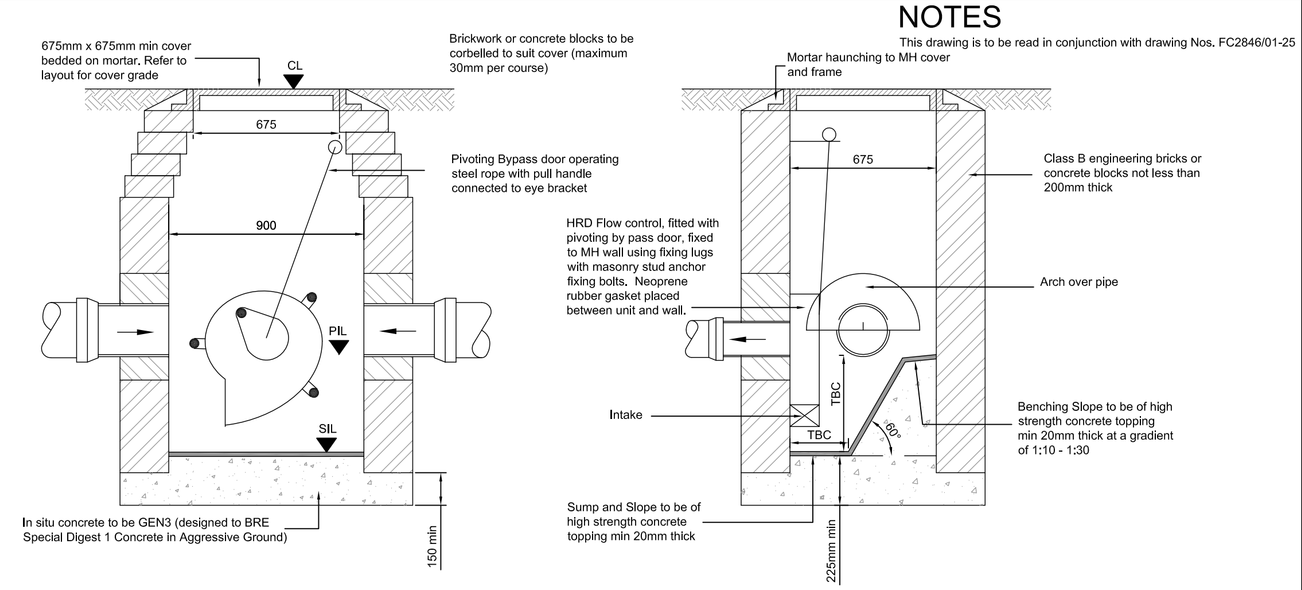
Type 'S'

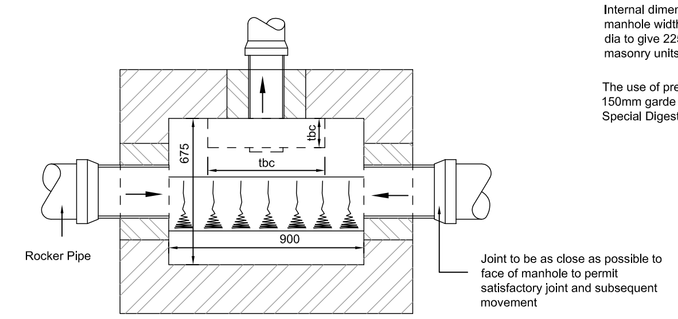


Drainage with less than 1.2m cover

Type 'Z'

Adopted Pipe Bedding Detail



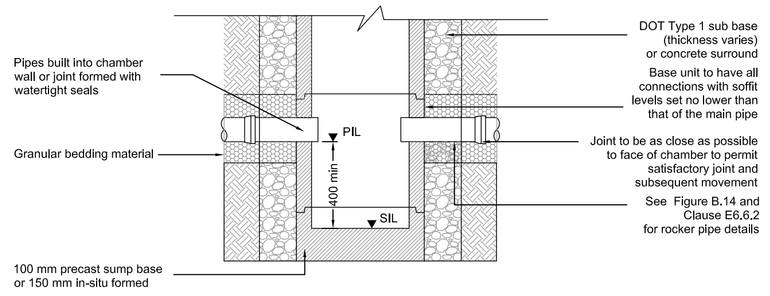


Internal dimensions of manhole normally 900mm x 675mm but manhole width should be increased for pipes larger than 225mm dia to give 225mm benching each side and the brickwork / masonry units corbelled down to suit cover.

The use of precast rectangular concrete manhole units with 150mm garde GEN3 concrete surround (designed to BRE Special Digest 1 Concrete in Aggressive Ground) is permitted.

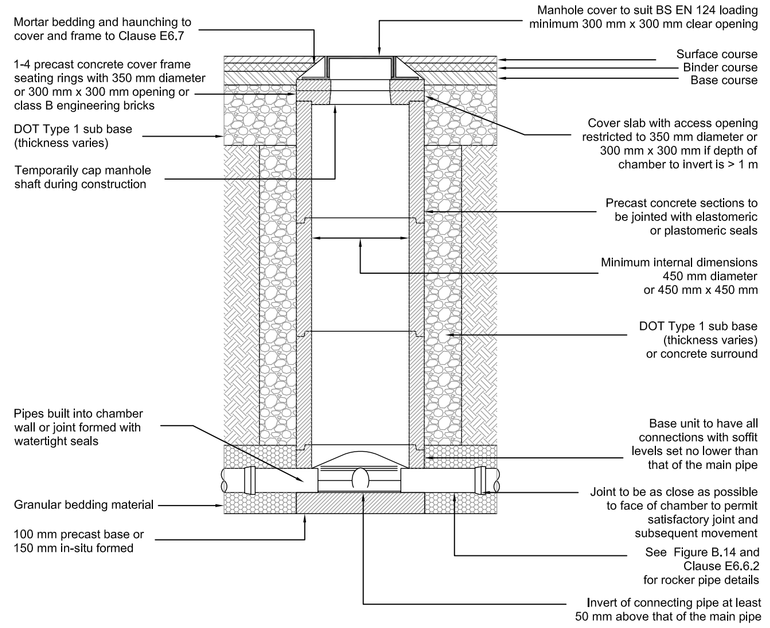
Refer to ABMH Drainage Layout for MH and incoming/outgoing pipe orientations, and CL/PIL/SIL
Refer to HRD Flow Control Literature for specific HRD Hydro-Brake Flow Control unit and sump sizes and arrangement.
(HRD Tel No: 01275 337937)

Typical HRD Flow Control Manhole Detail - Type D



(Note: Clause References are to SFA 7th Editon)
Maximum depth from cover level to soffit of pipe
in areas subject to vehicle loading 3m , non-entry

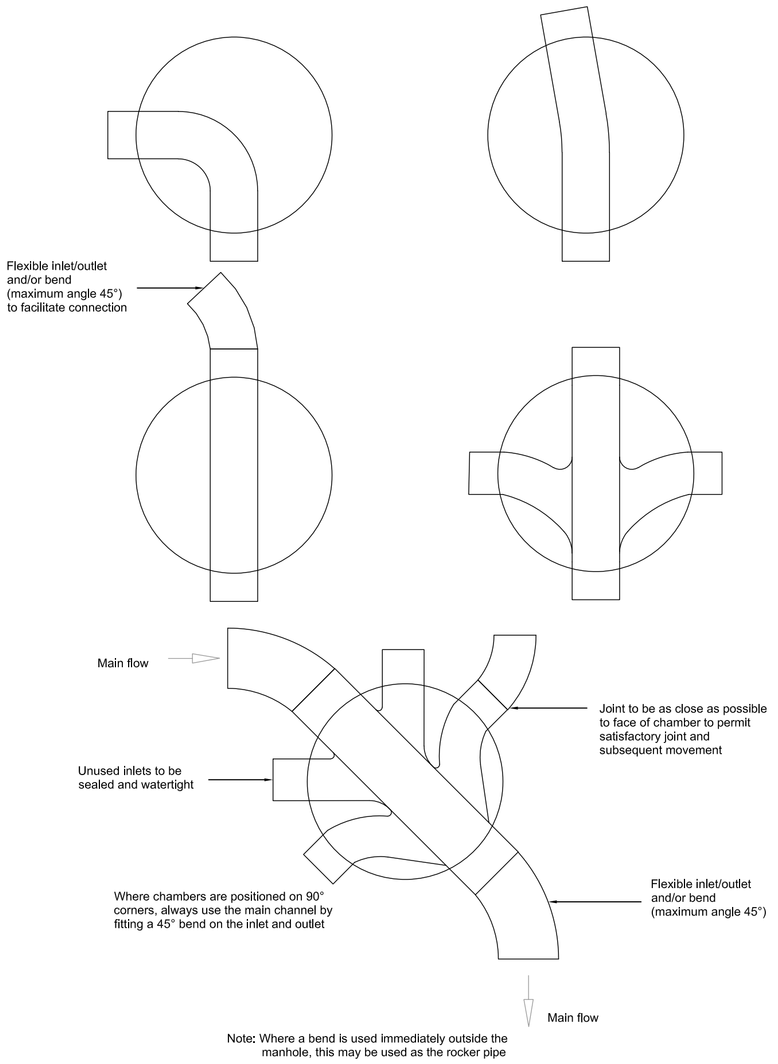
Typical Inspection Chamber Detail - Type 3
Catchpit Sump
(Rigid material detail)



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

In accordance with SFA 7th Edition
(Note: Clause References are to SFA 7th Editon)
Maximum depth from cover level to soffit of pipe
in areas subject to vehicle loading 3m , non-entry

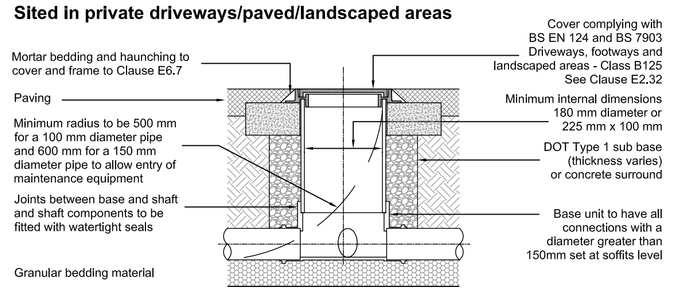
Typical Inspection Chamber Detail - Type 3
(Rigid material detail)



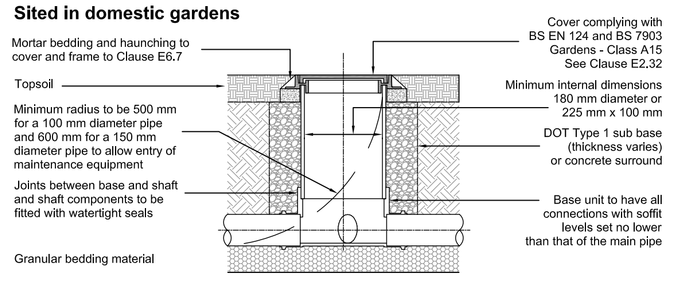
Note: Where a bend is used immediately outside the manhole, this may be used as the rocker pipe

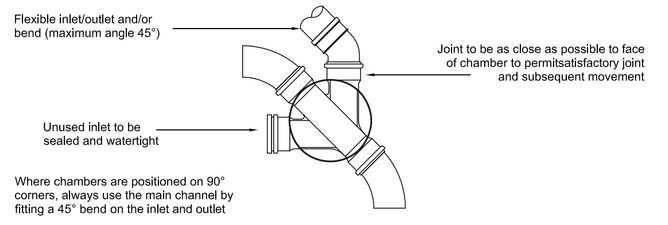
Alternative base layouts for Type 3 Chambers

Sited in private driveways/paved/landscaped areas



Sited in domestic gardens





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

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

In accordance with SFA 7th Edition
(Note: Clause References are to SFA 7th Editon)
Maximum depth from cover level to soffit of pipe 2m, non-entry

Typical Inspection Chamber Detail - Type 4 (flexible material detail) Scale 1:10

NOTES

This drawing is to be read in conjunction with drawing Nos. FC2846/01-25

REV	DESCRIPTION	DATE
-	Issued For Approval	15/09/21

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PROJECT	BARN EXTENSION BARFOOTS - LITTLE SEFTER PAGHAM Rd, BOGNOR REGIS W SUSSEX, PO20 1LN
DRAWING	PROPOSED DRAINAGE DETAILS
Prj No.	FC2846/05 REV -
SCALE	1:20 DATE SEP 21 INITIAL MH CHKD -

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ARUN DISTRICT COUNCIL PLAN/105/OC