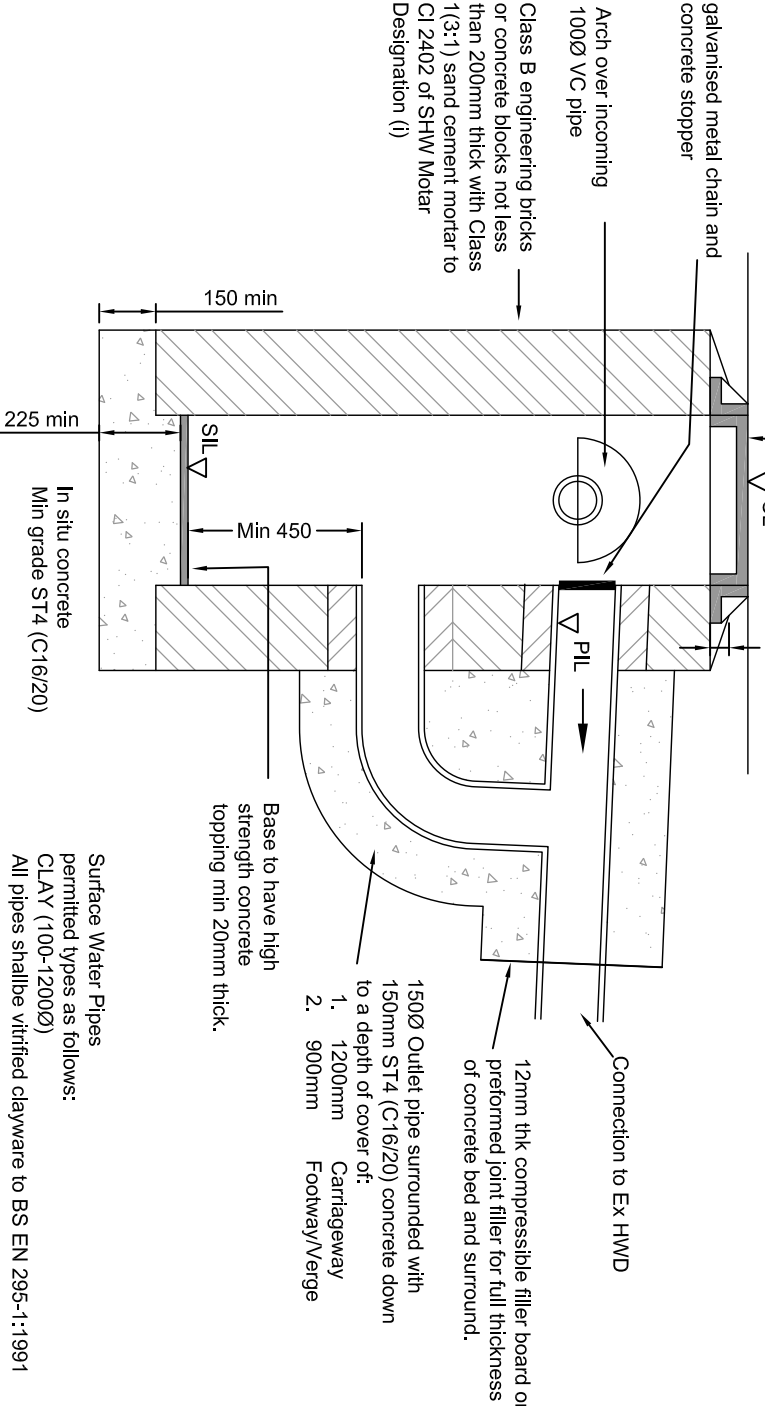
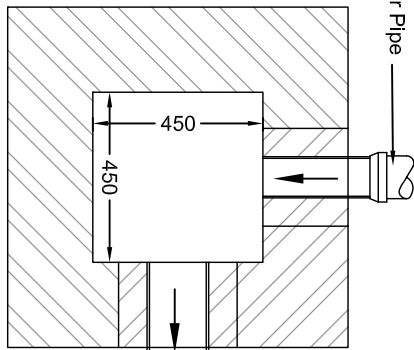


100mm deep Gully grating and frame to be 'hinged' heavy duty ductile iron minimum grade D400 in accordance with BS EN 124:1998 and Section 508 of Specification for Highway Works. Frames to be bedded in a 1:3 cement to sand (Class 131) sand cement mortar to CI 2402 of SHW Motor Designation (I) Gully grating to suit the application area, and be to the satisfaction of the highway inspector.

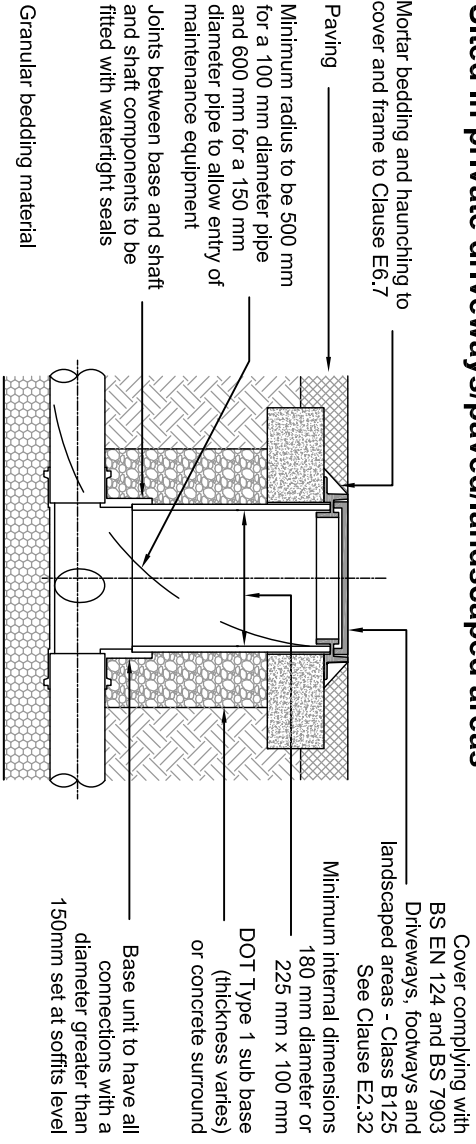


Surface Water Pipes permitted types as follows:  
CA/PT (100-2000)  
All pipes shall be fitted downwards to BS EN 295-1:1991  
UPVC (100-1000)  
All pipes shall be to BS EN 1401-1:1998  
All pipes shall be fitted downwards to provide a suitable network (pipes and couplings)

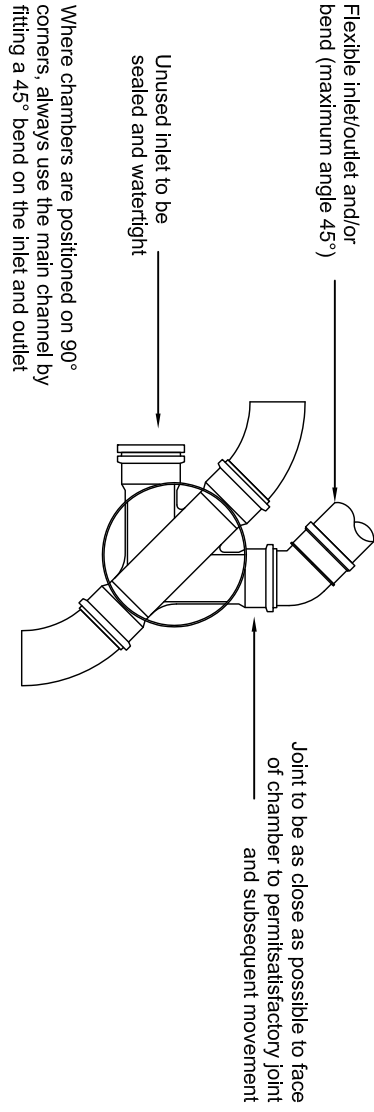
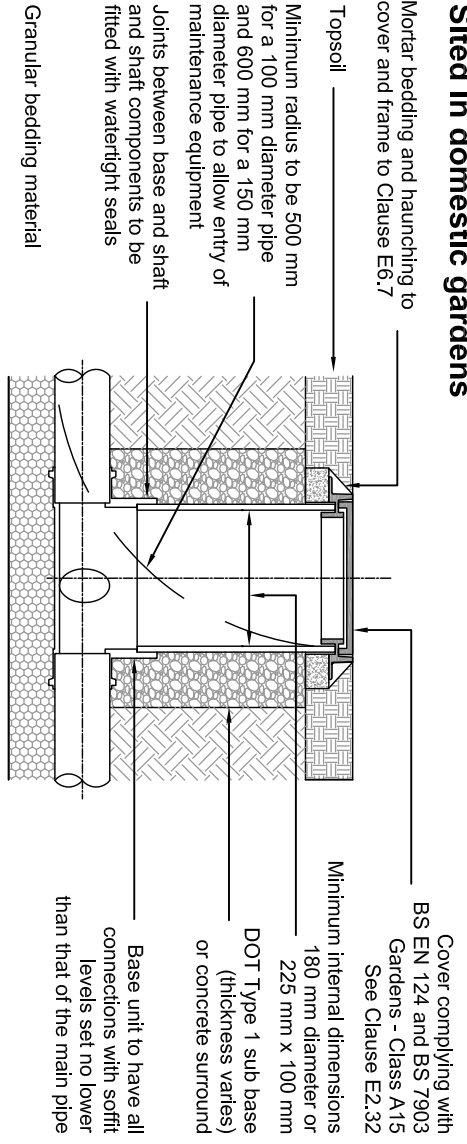


## 450x450 Catchpit Chamber with RG Grating

### Sited in private driveways/paved/landscaped areas



### Sited in domestic gardens



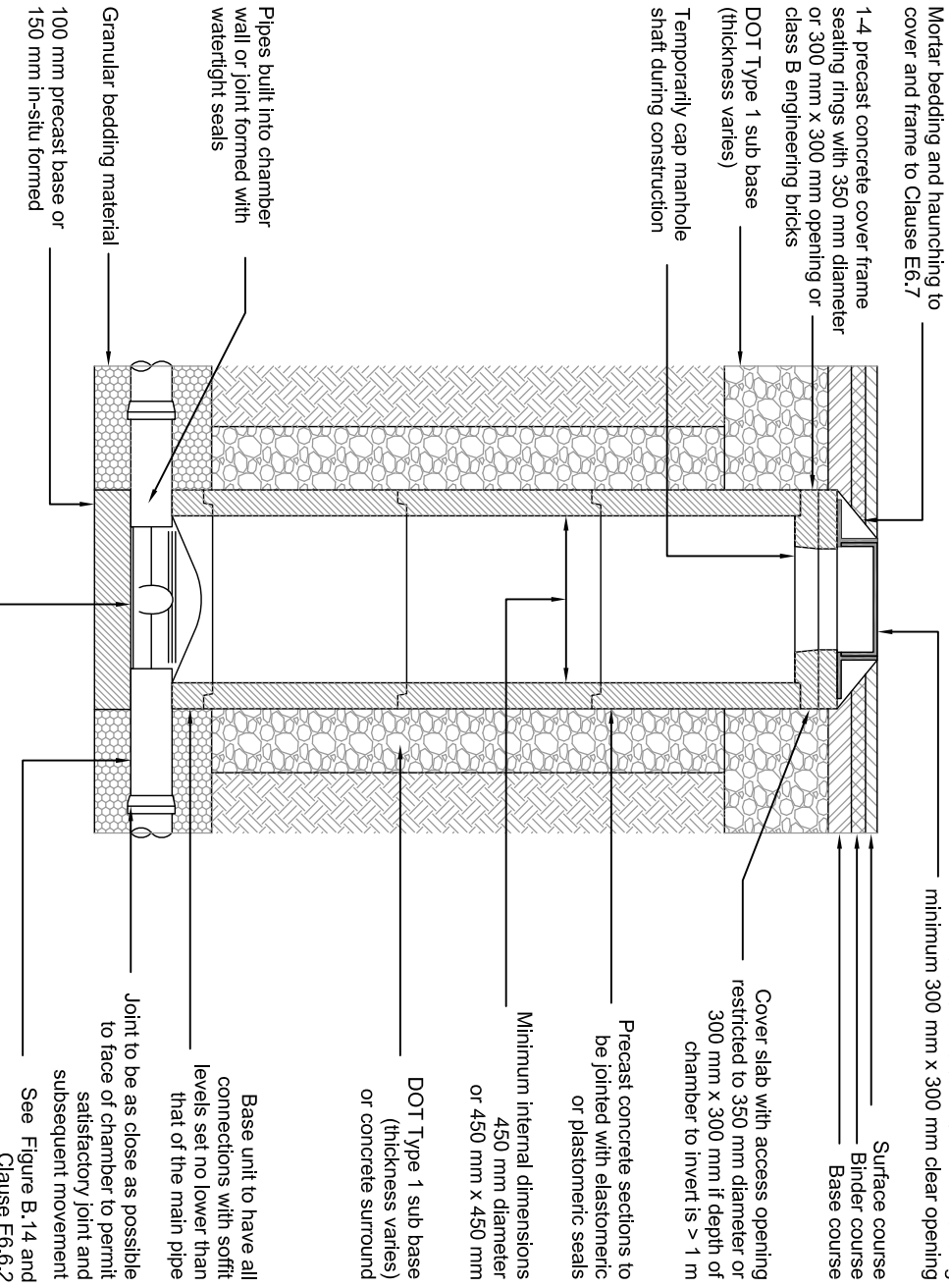
Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

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 Edition)  
Maximum depth from cover level to soffit of pipe  
in areas subject to vehicle loading 2m, non-entry

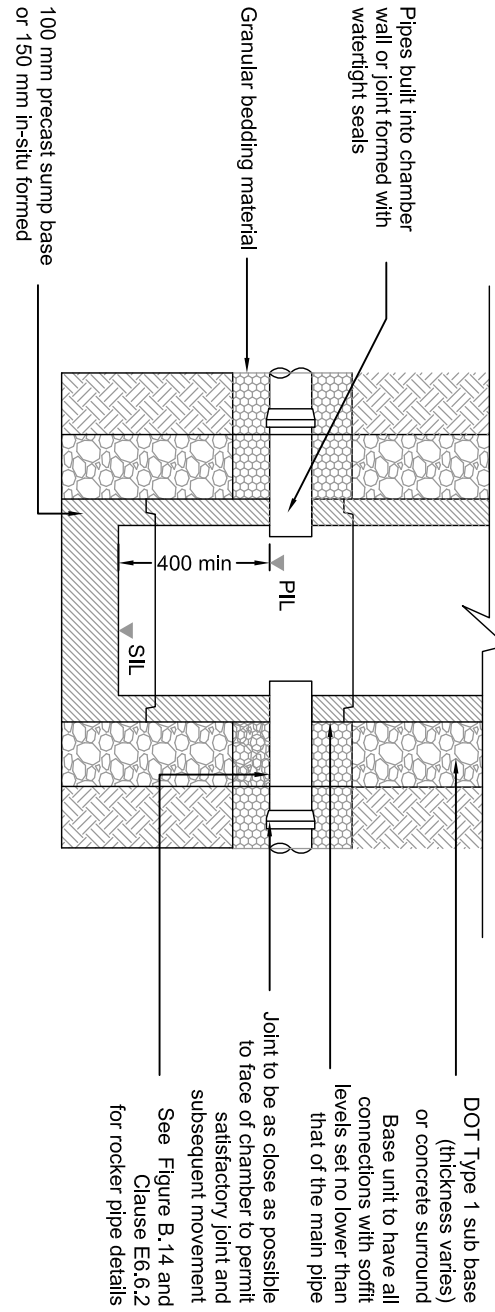
## Typical Inspection Chamber Detail - Type 4 (flexible material detail)

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



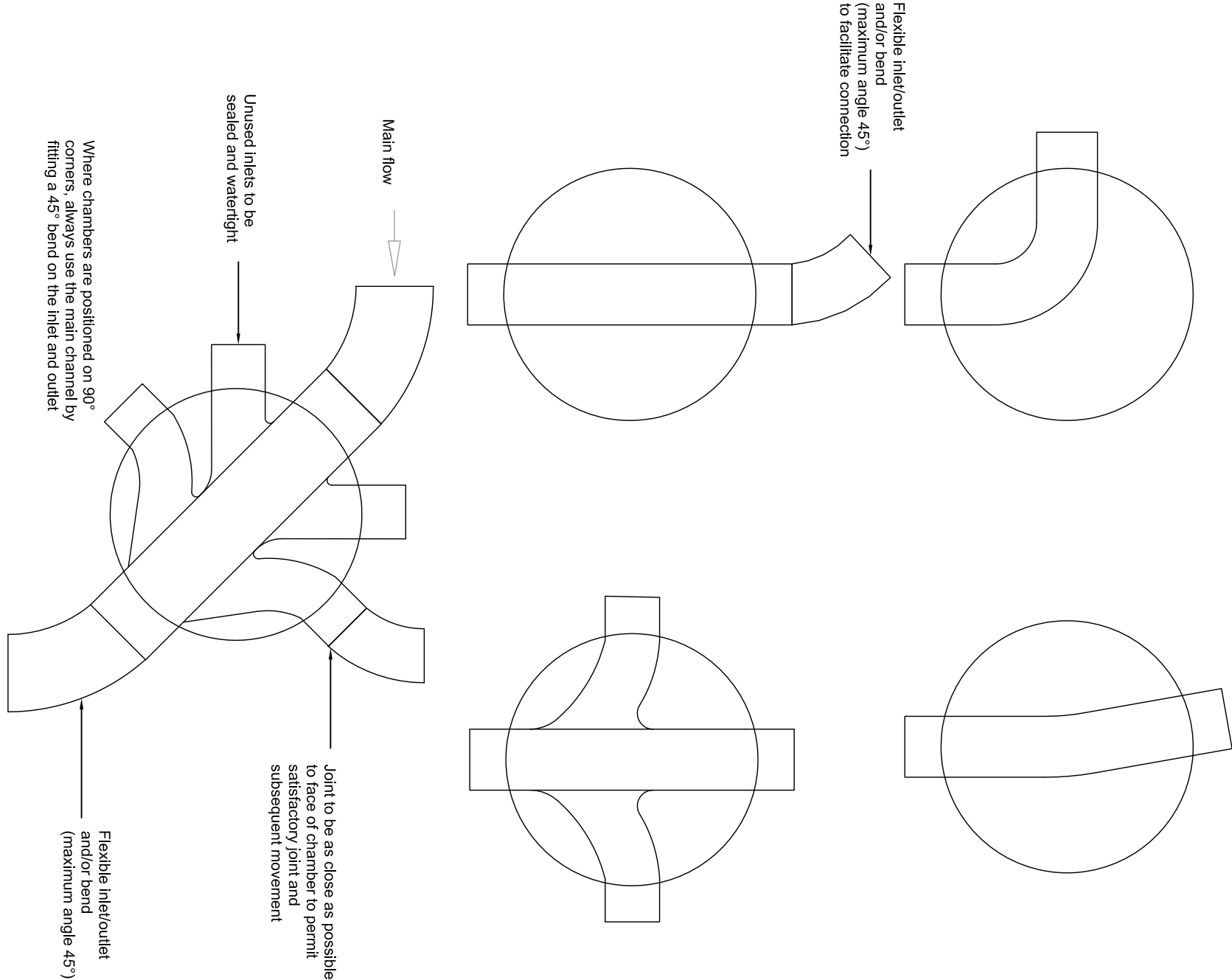
In accordance with SFA 7th Edition  
(Note: Clause References are to SFA 7th Edition)  
Maximum depth from cover level to soffit of pipe  
in areas subject to vehicle loading 3m , non-entry

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



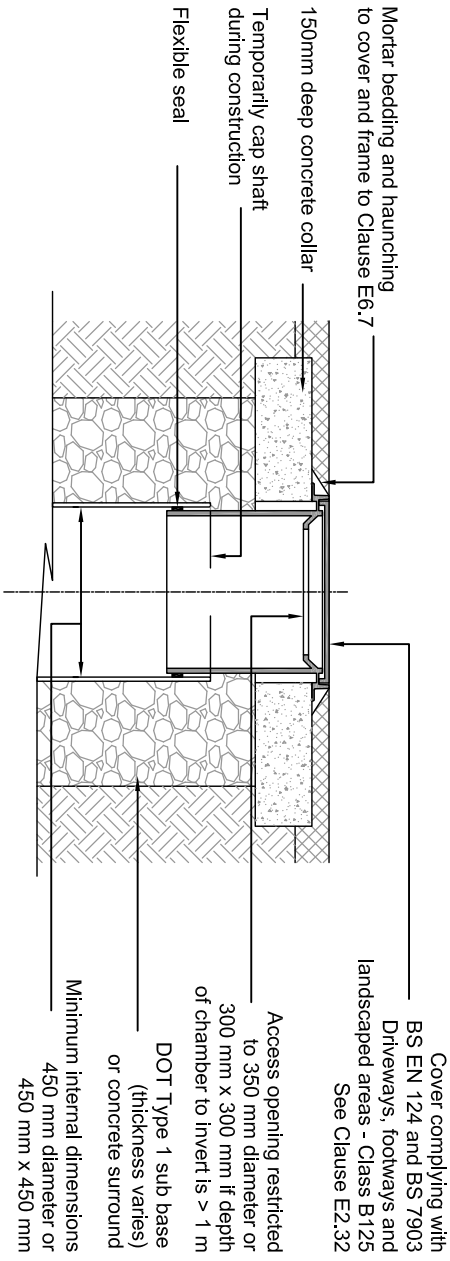
(Note: Clause References are to SFA 7th Edition)  
Maximum depth from cover level to soffit of pipe  
in areas subject to vehicle loading 3m , non-entry

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

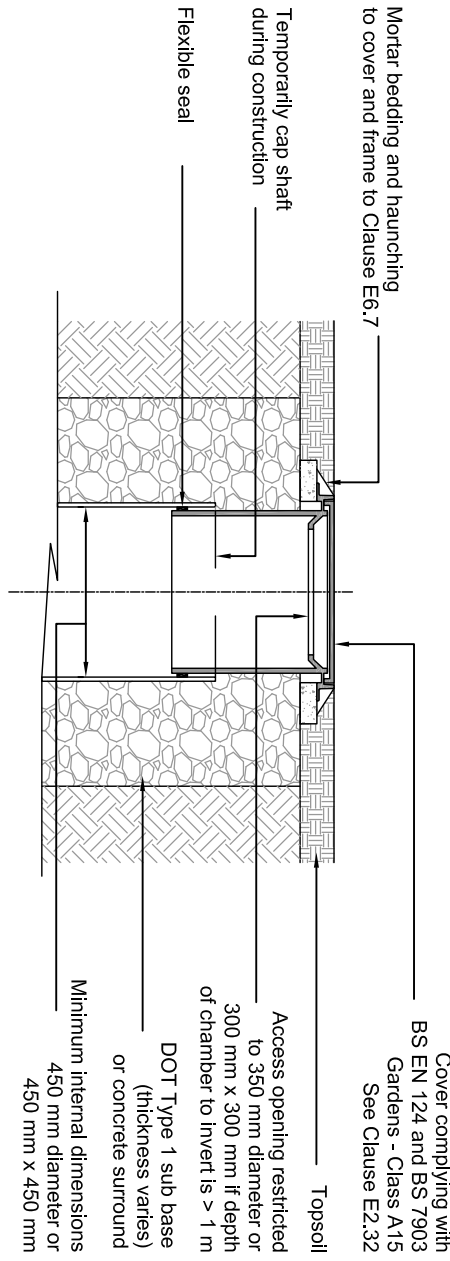


Note: Where a band is used immediately outside the manhole, this may be used as the rocker pipe

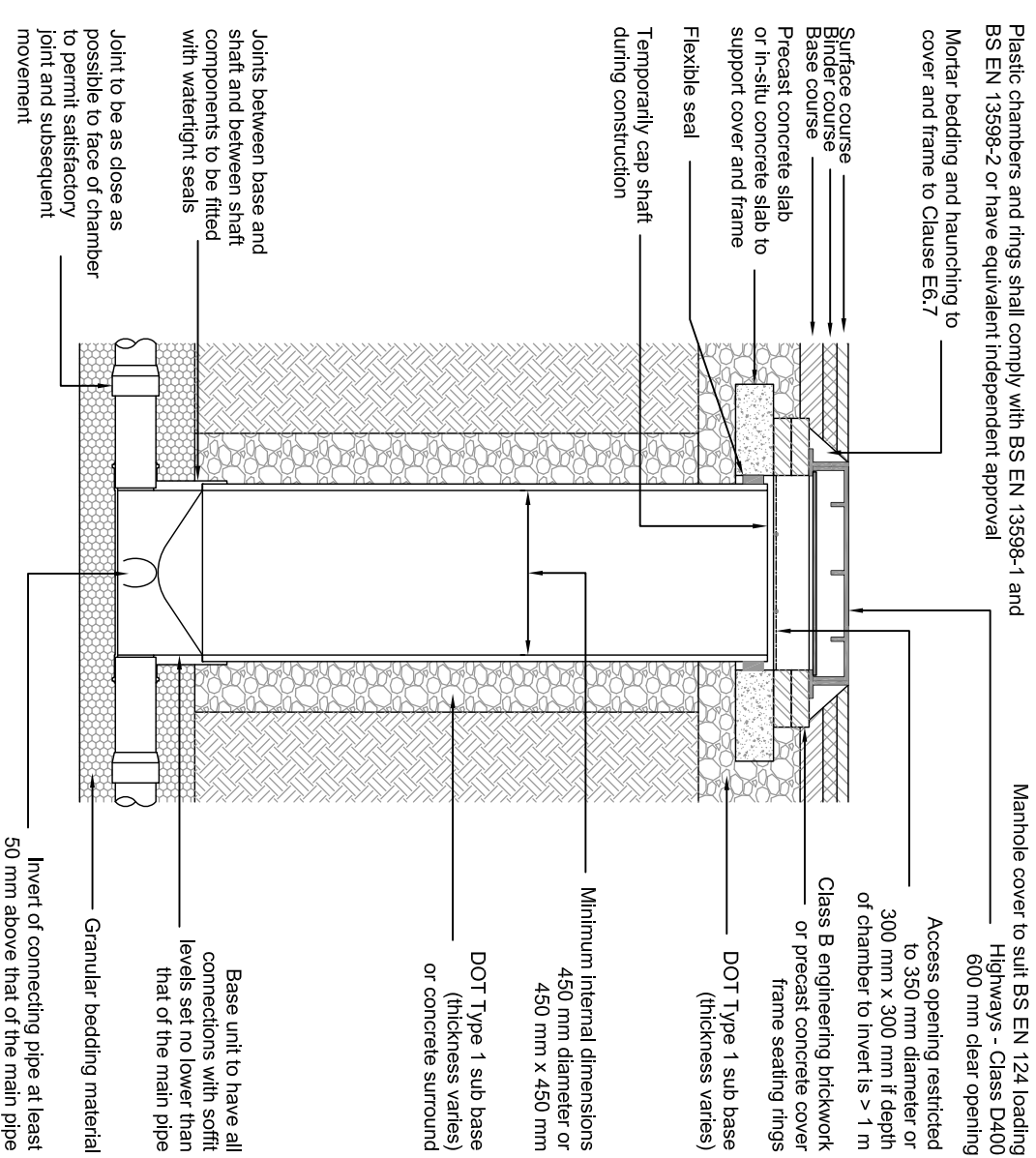
## Alternative base layouts for Type 3 Chambers



## 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



In accordance with SFA 7th Edition  
(Note: Clause References are to SFA 7th Edition)  
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)