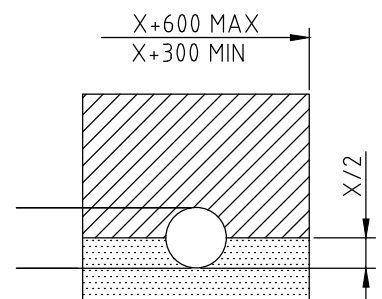
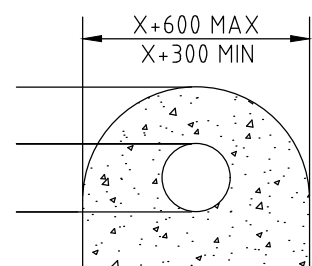


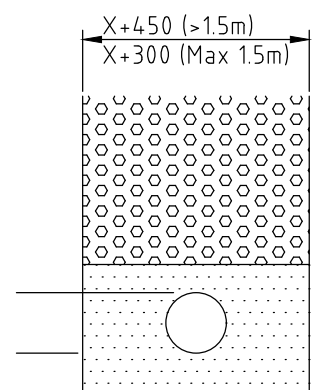
TYPE S
(flexible)



TYPE B
(rigid)



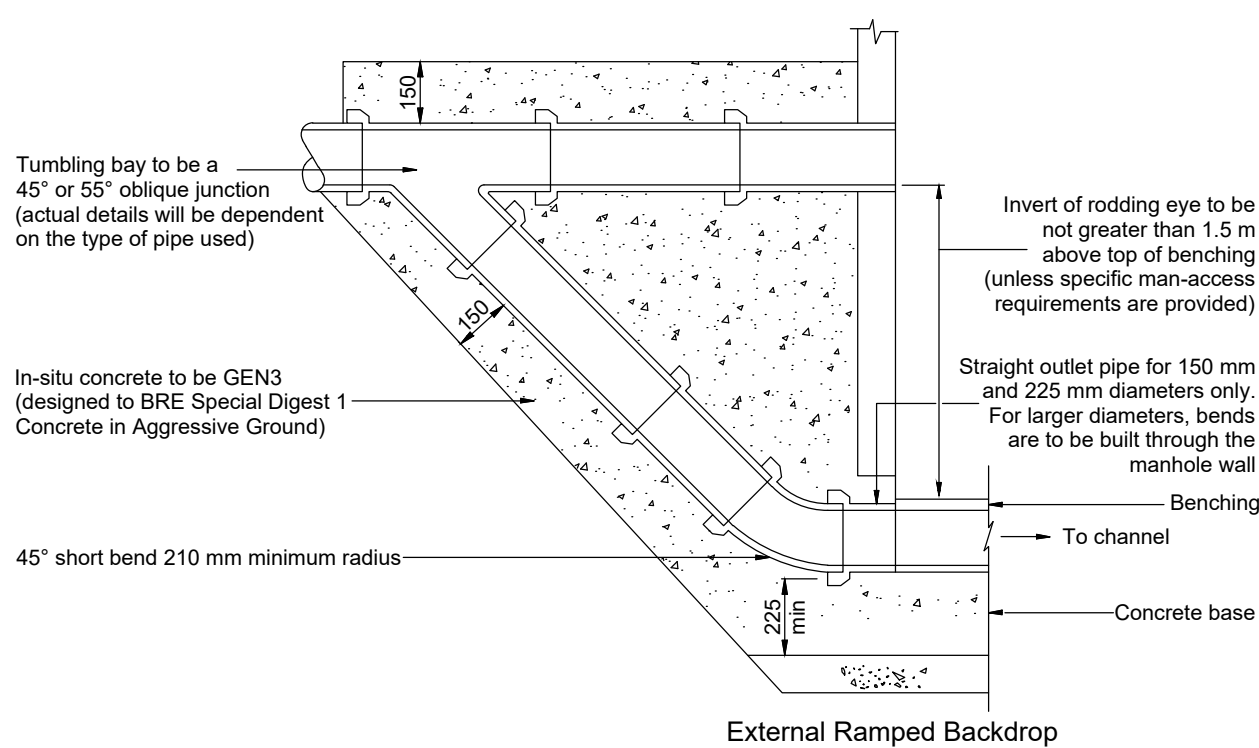
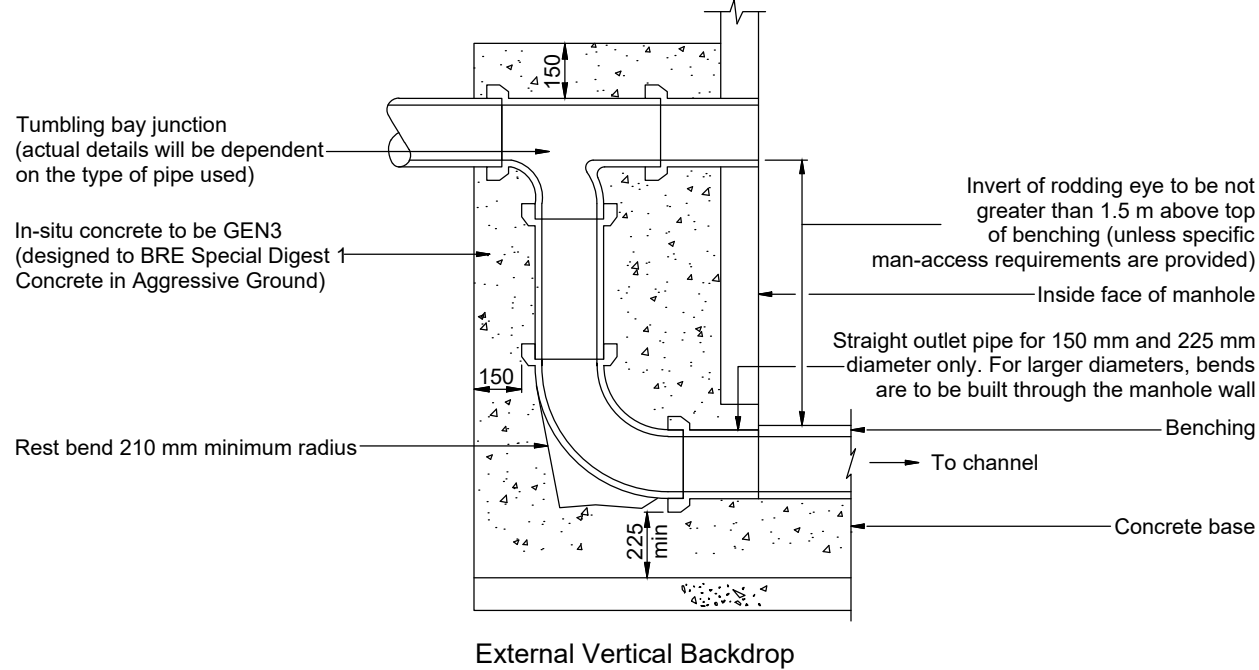
TYPE Z



- GEN 3 (C16/C20) CONCRETE
Refer also to Figure B.26 above.
Provisions of Clause E5.3 apply.
- TYPE B FILTER MATERIAL TO S.H.W. CLAUSE 505
(20/40 - Gc80-20)
- TYPE A OR C MATERIAL TO S.H.W. CLAUSE 505 OR
GRANULAR MATERIAL TO S.H.W. CLAUSE 503.3(i)
(0/20 - or 4/10 - Gc80-20)

PIPE BEDDING & SURROUND

FIGURE B.15
TYPICAL VERTICAL AND RAMPED BACKDROP DETAIL
Note: Steeper gradients are preferred to the use of backdrops.
Type of backdrop to be used to be agreed with Undertaker.

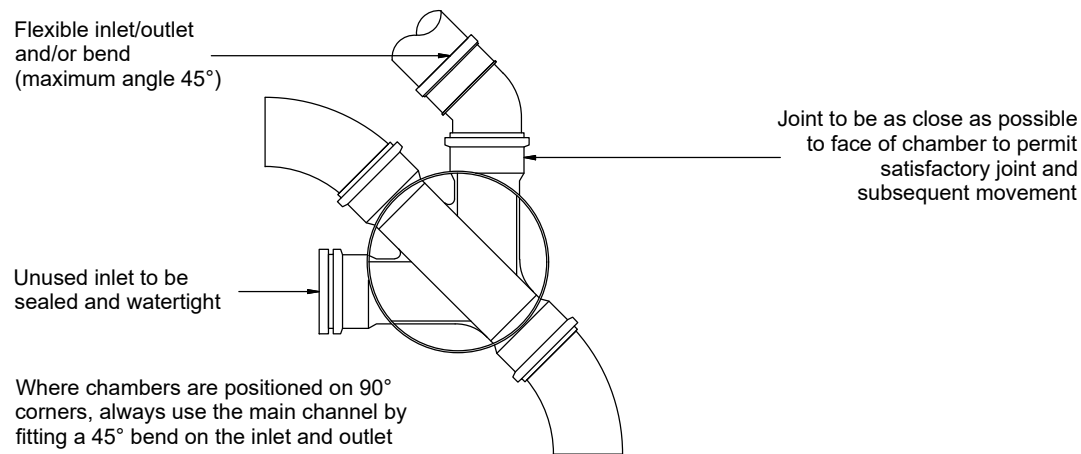
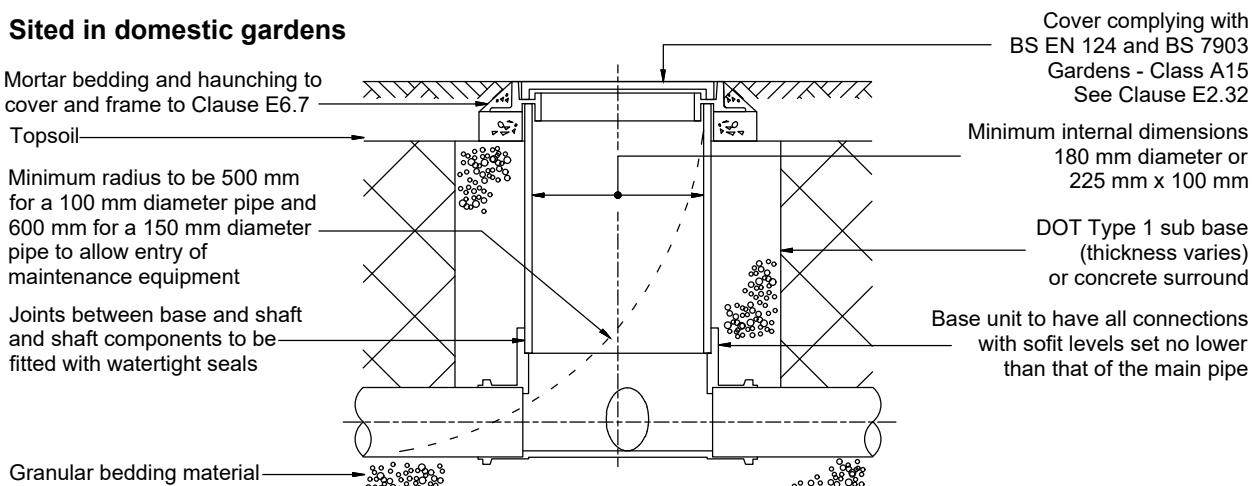
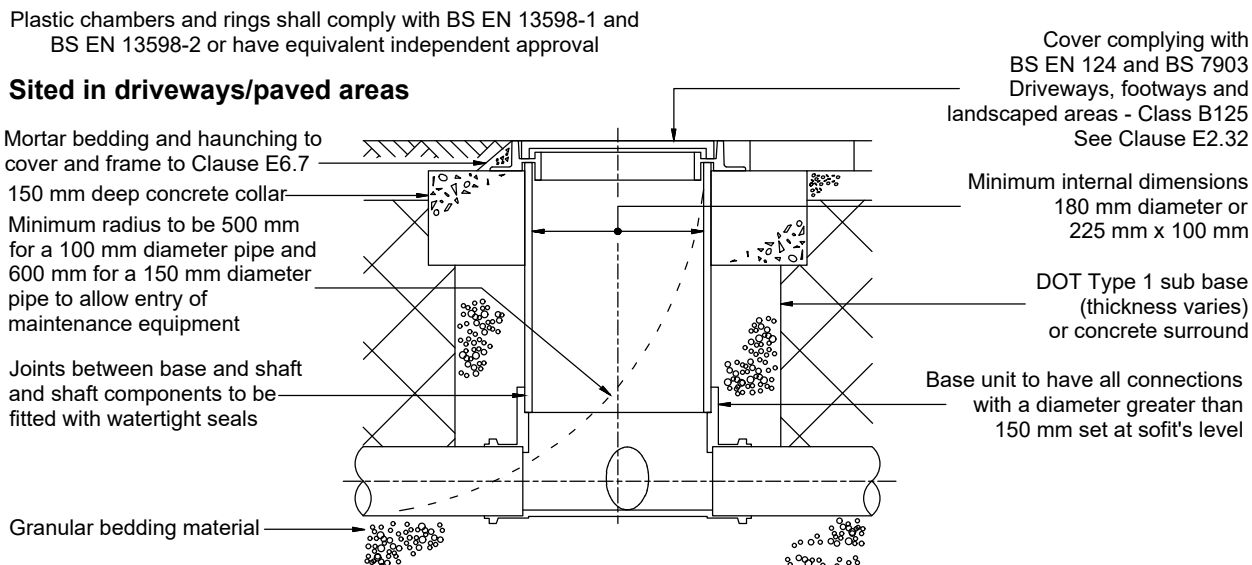


Not to scale, dimensions in millimetres

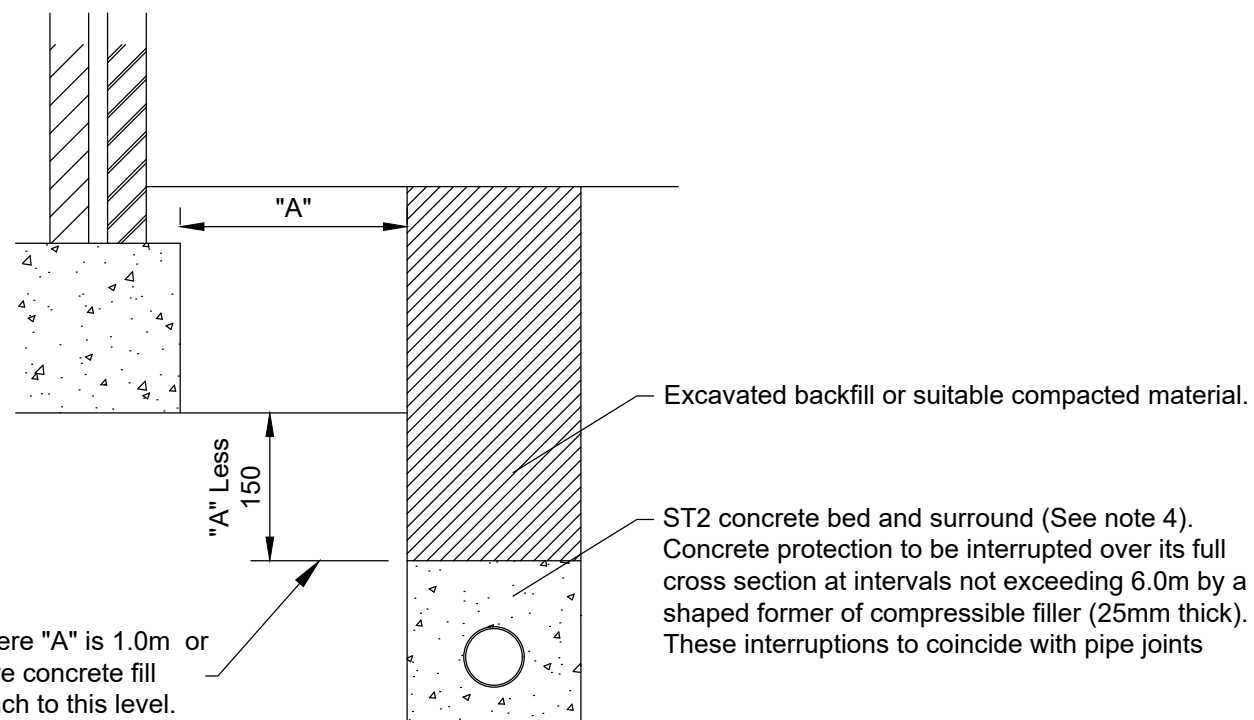
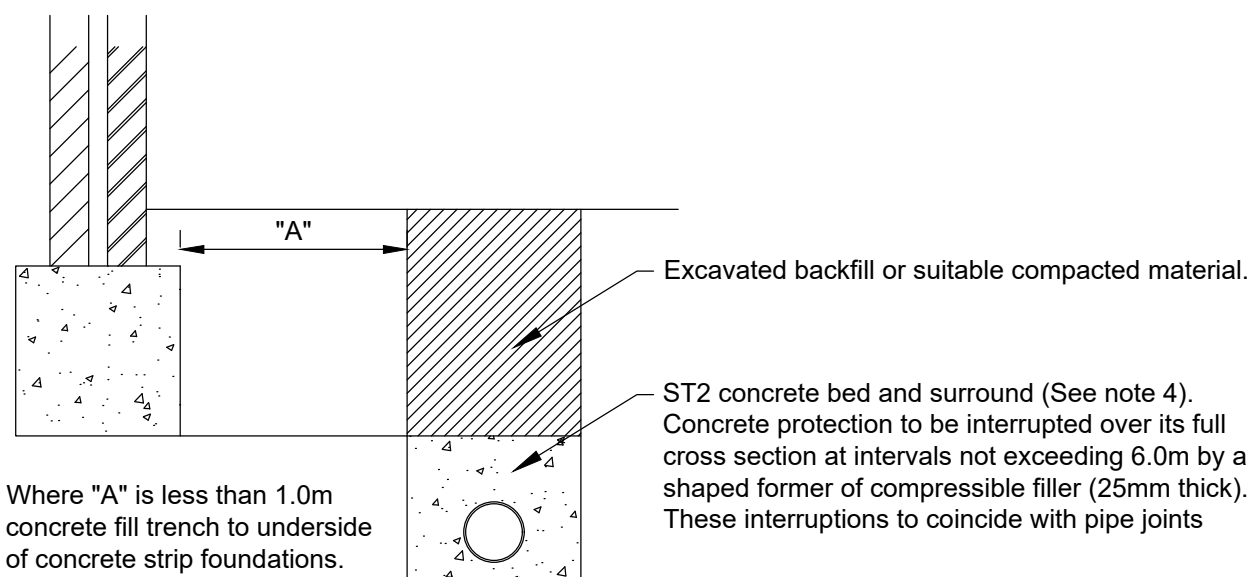


110mm COMPACT GULLY

FIGURE B.21
TYPICAL INSPECTION CHAMBER DETAIL - TYPE 4 (Flexible material detail)
Maximum depth from cover level to soffit of pipe 2 m, non-entry

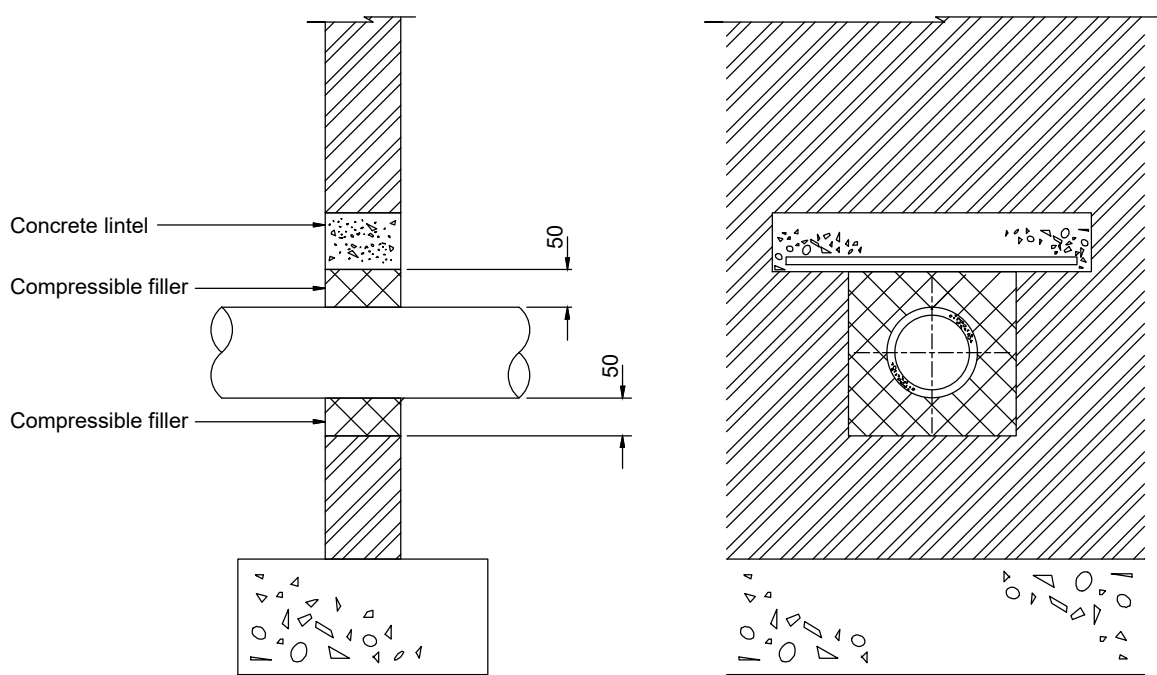


Note: Where the access chamber is in the highway the Highway Authority can have specific requirements
Not to scale

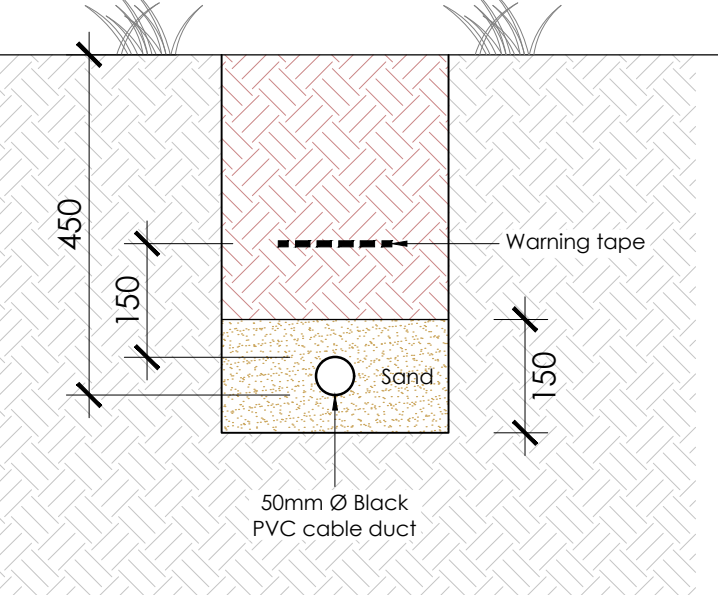


PIPE RUN NEAR BUILDINGS

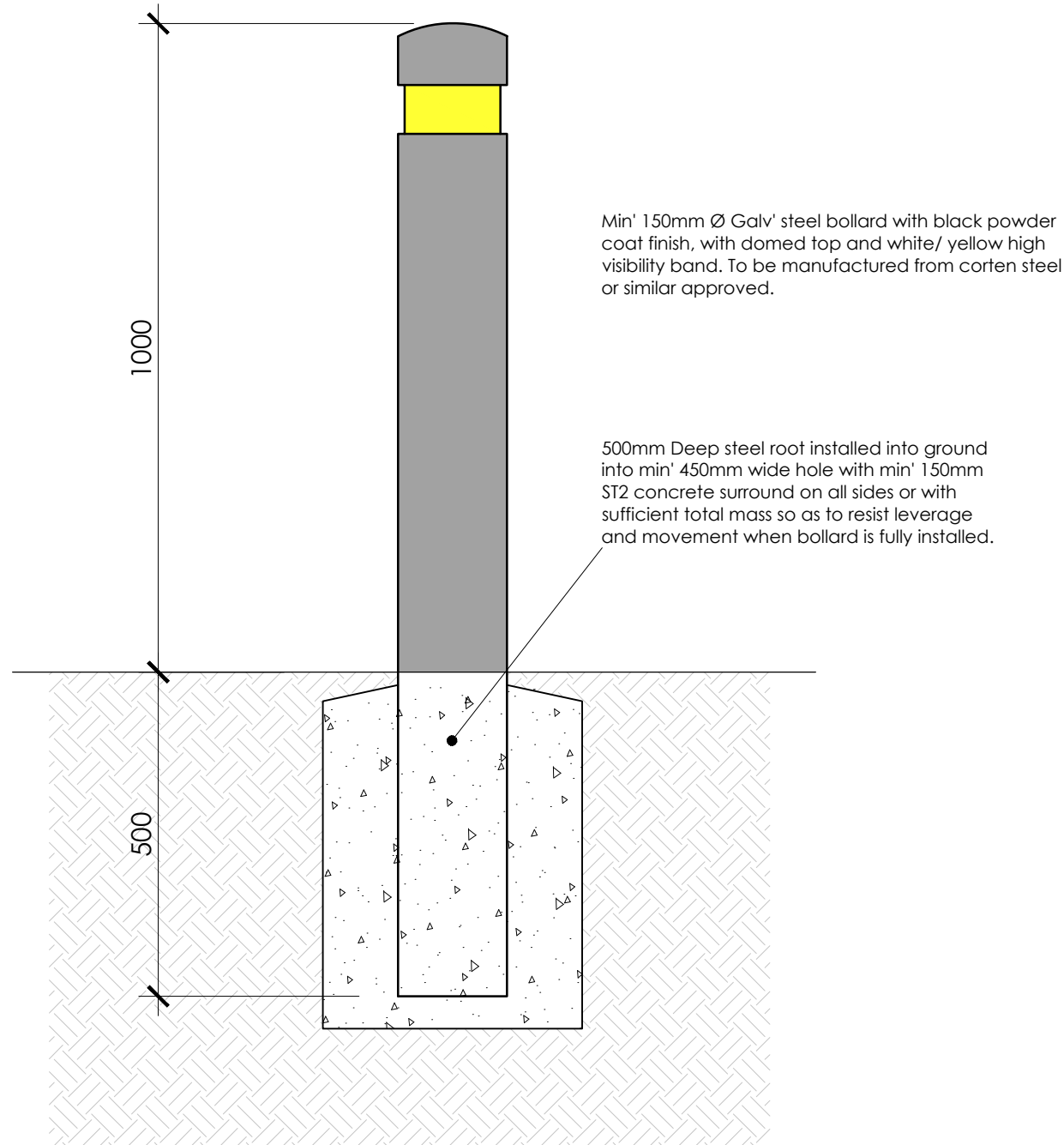
FIGURE B.27
PROTECTION OF PIPES PENETRATING SINGLE LEAF BOUNDARY WALLS



Not to scale, dimensions in millimetres
(all dimensions are minimum sizes)



Trench Detail
Scale 1:10



Bollard Detail
Scale 1:10

© This drawing is copyright
Do not scale from this drawing.
AKDP to be informed of any discrepancies.
Contractor to check all dimensions on site.



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:
CONSTRUCTION Contractor to: prefabricate wherever possible, ensure confined space training is provided, trenches are adequately shored, open excavations are adequately fenced off, identify and locate all existing services prior to construction, ensure all drainage construction personnel are made fully aware of all apparatus in the ground prior to commencing operations.
MAINTENANCE / CLEANING Refer to residual risks identified in the Health & Safety File.
DECOMMISSIONING / DEMOLITION Refer to residual risks identified in the Health & Safety File.
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

1. Only drawings marked as 'Construction Drawing' should be used for construction. Any other drawings used for construction purposes may not represent the finalized design and will be used at the contractors own risk.

2. All dimensions are in mm unless stated otherwise.

3. This drawing is to be read in conjunction with all relevant architectural, structural and civil drawings / documents relating to this site.

4. Do not scale from this drawing. All levels and dimensions to be checked on site prior to works starting. Notify the project manager of any discrepancy.

5. Unless stated all clauses hereon refer to Sewers for adoption 7 - Part E - Civil Engineering Specification.

BRDH Table 7
Materials below ground gravity drainage

Material British Standard

Rigid pipes
vitrified clay
concrete
grey iron
ductile iron

Flexible pipes
UPVC
PP
structured wallled
plastic pipes

*Application area code UD should normally be specified.
Note: some of these materials may not be suitable for conveying trade effluent

TENDER ISSUE

T1	13.07.23	TENDER ISSUE	JOH	TAJC
P1	22.05.23	Initial Preliminary Issue	JOH	TC
REV	DATE	DESCRIPTION	BY	APPD
CLIENT				
South London and Maudsley NHS Foundation Trust				
PROJECT				
Clinical Treatment Centre Maudsley Hospital Denmark Hill London. SE5 8AZ				
DRAWING TITLE				
Proposed Bollard and Drainage Details				
DATE	May 2023	DWG. No.	5087.336	REV.
SCALE	1:2/1:5 (A1)			T1
DRAWN BY:	JOH	DATED	22.05.2023	
CHECKED BY:	TC	DATED	17.07.2023	
AK DESIGN PARTNERSHIP LLP CHARTERED BUILDING CONSULTANCY BUILDING SURVEYORS BUILDING DESIGNERS PROJECT MANAGERS				
CEME INNOVATION CENTRE CEME CAMPUS MARSH WAY RAINHAM RM13 8EU				
TEL: 020 8596 7070 E-MAIL: office@akdesign.co.uk WEB SITE: www.akdesign.co.uk				

INTERNAL SVP CONNECTION THROUGH FOUNDATIONS

INTERNAL SVP CONNECTION