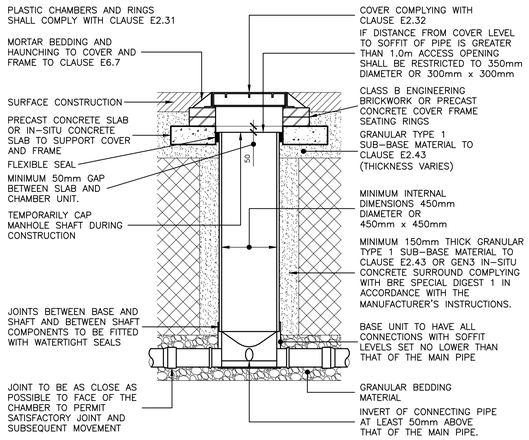
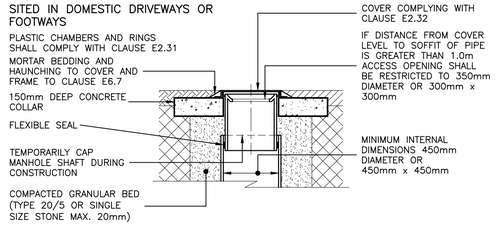


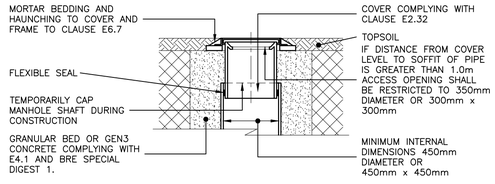
NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY (INCLUDING ANY FOOTWAY) THE HIGHWAY AUTHORITY MAY HAVE SPECIFIC REQUIREMENTS

TYPICAL INSPECTION CHAMBER DETAIL – TYPE D
DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE UP TO 3m
FLEXIBLE MATERIAL CONSTRUCTION FOR USE IN AREAS SUBJECT TO VEHICLE LOADING
(SCALE 1:25@A1)

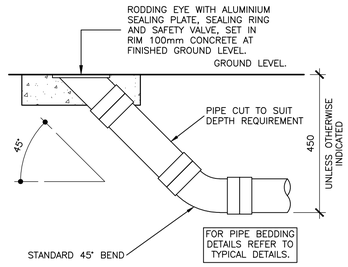
SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS



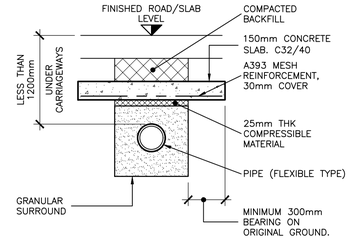
SITED IN DOMESTIC GARDENS



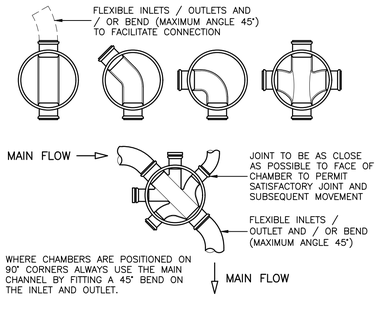
TYPICAL INSPECTION CHAMBER DETAIL – TYPE D
FLEXIBLE MATERIAL CONSTRUCTION ALTERNATIVE TOP DETAILS FOR USE IN AREAS OF LIGHT VEHICLE LOADING AND LANDSCAPED AREAS
(SCALE 1:25@A1)



RODDING EYE DETAIL
(SCALE 1:10@A1)
TO BE USED IN PEDESTRAIN AND LANDSCAPED AREAS NOT SUBJECT TO VEHICULAR LOADING. MAXIMUM DEPTH TO INVERT 600mm.

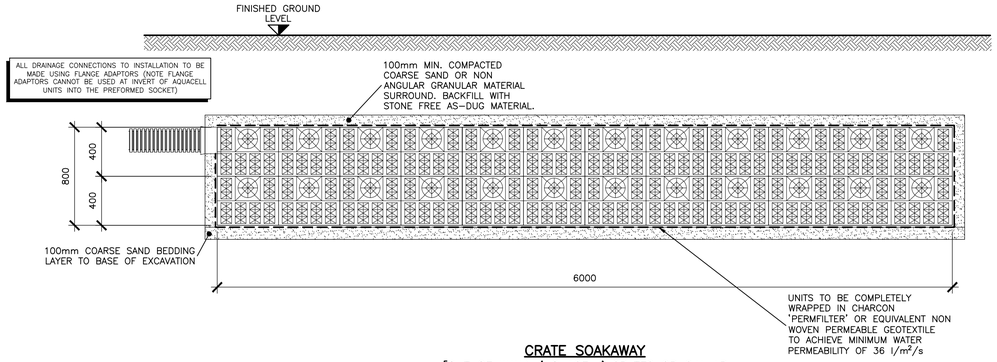


ALTERNATIVE PROTECTION OF A SHALLOW PIPELINE USING A SLAB
UNDER VERGES LESS THAN 900 COVER
UNDER CARRIAGEWAYS LESS THAN 1200 COVER
(SCALE 1:25@A1)

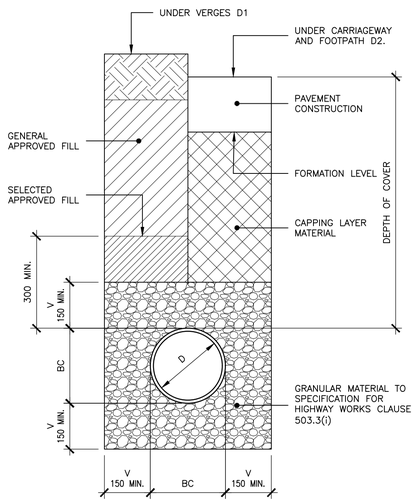


NOTE: WHERE A BEND IS USED IMMEDIATELY OUTSIDE THE MANHOLE, THIS MAY BE USED AS A ROCKER PIPE.

TYPICAL BASE LAYOUTS FOR TYPE D CHAMBERS
(SCALE 1:25@A1)

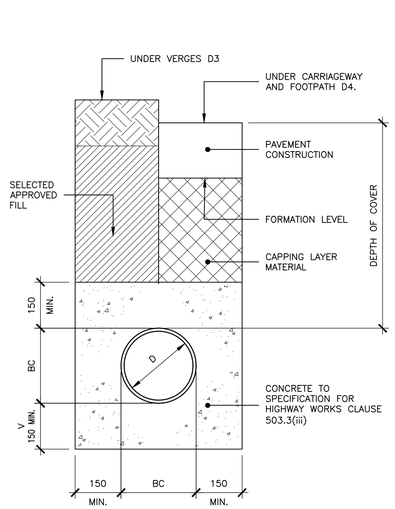


CRATE SOAKAWAY
[OUT OF WAVIN 'AQUACELL' CRATES OR SIMILAR APPROVED PROPRIETARY MODULAR SYSTEM]
(SCALE 1:25@A1)



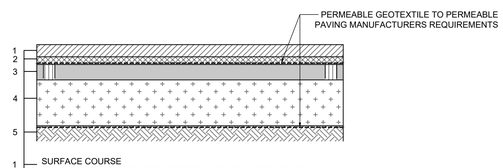
IN UNIFORM SOILS
V = 1/6 BC (150mm MIN., UNDER BARREL AND COLLAR)
IN MIXED SOILS CONTAINING IRREGULAR HARD SPOTS
V = 1/4 BC (200mm. MIN)
DESIGN D1 (UNDER VERGES – >900 COVER)
DESIGN D2 (UNDER CARRIAGEWAYS – >1200 COVER)

BEDDING DETAIL – CLASS 'S'



V = 1/4 D (150mm MIN., UNDER BARREL AND COLLAR)
DESIGN D3 (UNDER VERGES – <900 COVER)
DESIGN D4 (UNDER CARRIAGEWAYS – <1200 COVER)

BEDDING DETAIL – CLASS 'Z'



1 SURFACE COURSE
60mm THICK PERMEABLE CONCRETE BLOCK PAVING TO BS 7533.

2 LAYING COURSE
50mm OF 6mm STONE LAYING COURSE TO BS EN 13242 AGGREGATE.

3 BASE COURSE
OPTIONAL: CONSTRUCTION RUNNING SURFACE TO BE CONSTRUCTED OF 90mm OF DENSE BASE COURSE DENSE BITUMEN MACADAM (DBM) OVER SUB-BASE. ONCE RUNNING SURFACE IS NO LONGER REQUIRED THE DBM IS TO BE MACHINE CLEANED AND CUT WITH 75mm DIAMETER HOLES IN 750mm ORTHOGONAL GRID INTO SUB-BASE AND FILLED WITH CLEAN STONE.

4 SUB BASE
300 MIN. SUB-BASE OPEN GRADE CRUSHED STONE OR APPROVED ALTERNATIVE MATERIAL 30% VOIDS (COMPACTED) TO BS EN 13242. SUB-BASE TO BE LAID IN 150mm MAX LAYERS AND FULLY COMPACTED. THE CONTRACTOR IS TO ENSURE SUB-BASE MATERIAL MEETS THE INFILTRATION STRATA AND ATTAINS THE STORAGE INDICATED ON THE ENGINEERING LAYOUT.

5 FORMATION

PERMEABLE PAVING CONSTRUCTION
(SCALE 1:20@A1)

Scale 1:1
0mm 50 100

NOTES

© This drawing is the copyright of ARCH Associates Limited. It may not be copied, altered or reproduced without their written authority. This drawing must not be scaled. IF IN DOUBT ASK.

GENERAL NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DETAILS.
2. ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.
3. ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE WORKS ON SITE.
4. THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OUT AND ACCURACY OF ALL DIMENSIONS.
5. THE MAIN CONTRACTOR TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING CONSTRUCTION STAGE, SUCH AS TO ENSURE STRUCTURE STABILITY AT ALL TIMES.
6. IT IS THE CONTRACTORS SOLE RESPONSIBILITY FOR ASCERTAINING SAFE DISPOSAL OF ANY OFF-SITE EXCAVATED SPOIL. NO CLAIM RESULTING FROM ABNORMAL TIP REQUIREMENTS WILL BE ENTERTAINED.

KEY TO HEALTH AND SAFETY SYMBOLS

THESE NOTES ARE BASED ON THE USE OF EXPERIENCED AND COMPETENT CONTRACTORS CARRYING OUT THE WORK USING AN APPROVED SAFE METHOD OF WORKING

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
- INDICATES A RESIDUAL RISK AS A WARNING
- INDICATES A RESIDUAL RISK FOR INFORMATION

Rev.	Date	Description	By
P01	23.05.2024	PRELIMINARY ISSUE FOR COMMENT	JMB

ARCH ASSOCIATES
01489 890004
admin@archassociates.co.uk
www.archassociates.co.uk

Client
SHOPLAND GRAY

Architect
SMITH SIMMONS AND PARTNERS.

Project title
WHITE MILL HOUSE, DAYS LANE, FONTWELL, WEST SUSSEX.

Drawing title
DRAINAGE DETAILS.

Scale	Paper size	Date	Drawn by	Checked by	Status
AS SHOWN	A1	MAY 2024	JMB	CH	

Name
Project code: Originator | Functional breakdown | Spatial breakdown | Form | Discipline | Number | Revision
AAL402-AAL-ED-XX-DD-S-5050-P01

ARUN DISTRICT COUNCIL AL/09/0OC