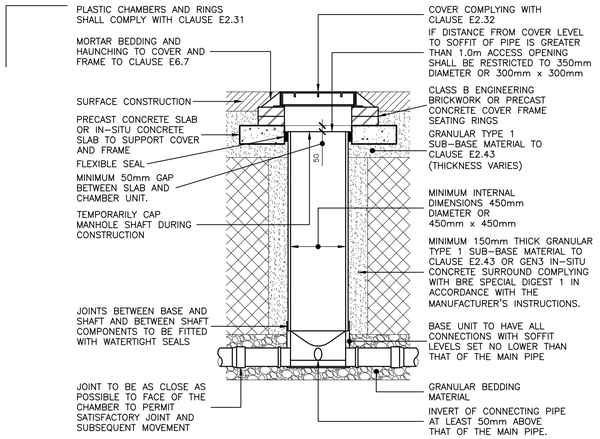
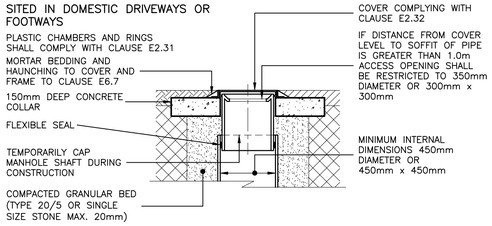


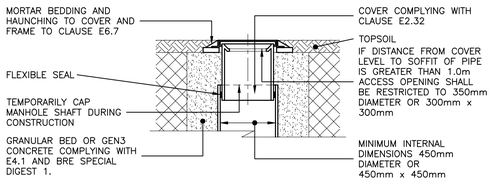
NOTE: WHERE THE ACCESS CHAMBER IS IN THE HIGHWAY (INCLUDING ANY FOOTWAY) THE HIGHWAY AUTHORITY MAY HAVE SPECIFIC REQUIREMENTS

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)

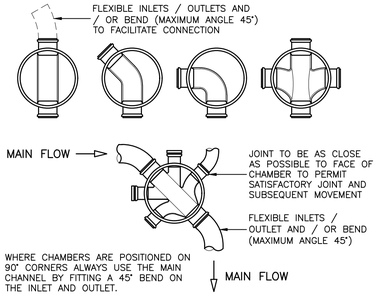
SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS



SITED IN DOMESTIC GARDENS

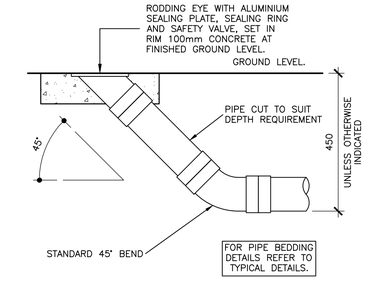


TYPICAL INSPECTION CHAMBER DETAIL – TYPE D
FLEXIBLE MATERIAL CONSTRUCTION ALTERNATIVE TOP DETAILS FOR USE IN AREAS OF LIGHT VEHICLE LOADING AND LANDSCAPED AREAS
(SCALE 1:25@A1)



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)



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.

NOTES

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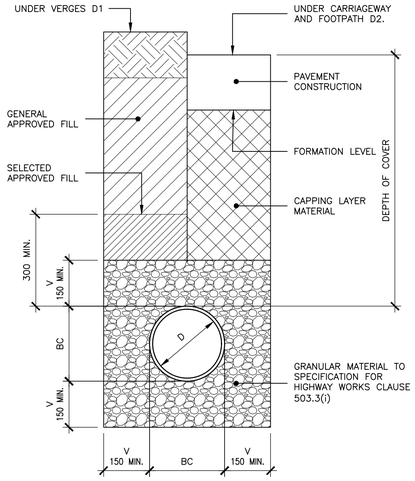
GENERAL NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND DETAILS.
2. ALL FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DIMENSIONS.
3. ANY DISCREPANCIES BETWEEN THIS DRAWING AND OTHER INFORMATION IS TO BE BROUGHT TO THE ATTENTION 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 CONTRACTOR IS TO ENSURE THE STABILITY AND STRUCTURAL INTEGRITY OF THE EXISTING PROPERTY AT ALL TIMES DURING WORKS AND IS TO BE RESPONSIBLE FOR ALL PROPPING AND SHORING AS REQUIRED.
6. 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.
7. 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.

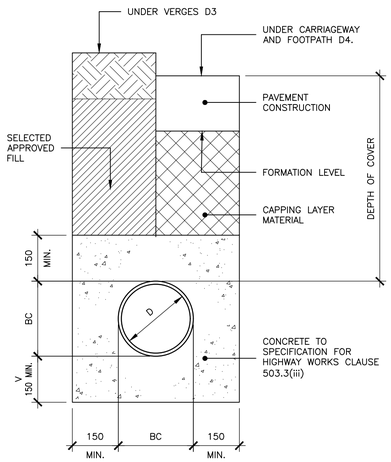
KEY TO HEALTH AND SAFETY SYMBOLS

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

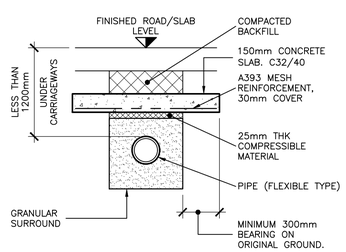


IN UNIFORM SOILS
V = 1/6 BC (150mm MIN., UNDER BARREL AND COLLAR)
IN MIXED SOILS CONTAINING IRREGULAR HARD SPOTS
V = 1/4 BC (200mm. MIN)
DESIGN D1 (UNDER VERGES – >900 COVER)
DESIGN D2 (UNDER CARRIAGEWAYS – >1200 COVER)



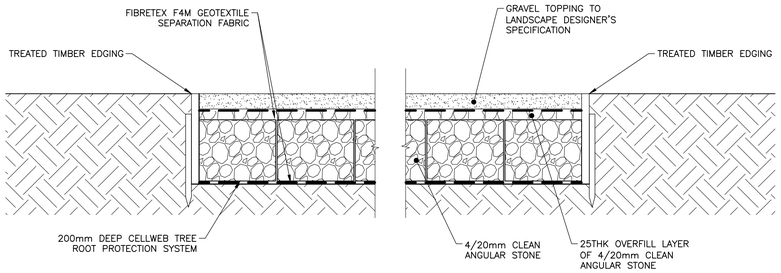
V = 1/4 D (150mm MIN., UNDER BARREL AND COLLAR)
DESIGN D3 (UNDER VERGES – <900 COVER)
DESIGN D4 (UNDER CARRIAGEWAYS – <1200 COVER)

BEDDING DETAIL – CLASS 'S'



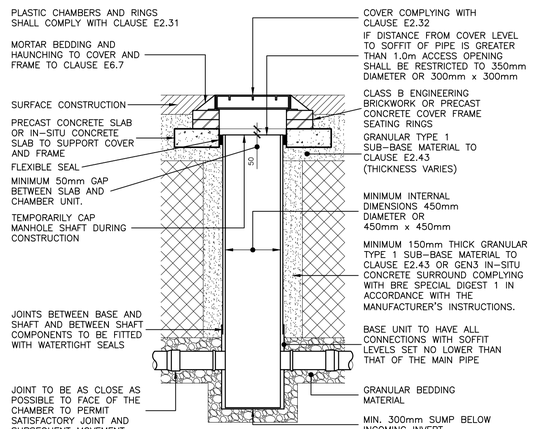
ALTERNATIVE PROTECTION OF A SHALLOW PIPELINE USING A SLAB
UNDER VERGES LESS THAN 900 COVER
UNDER CARRIAGEWAYS LESS THAN 1200 COVER
(SCALE 1:25@A1)

BEDDING DETAIL – CLASS 'Z'



GRAVEL DRIVEWAY CONSTRUCTION
200mm CELLWEB SYSTEM
(1:10)

CRATE SOAKAWAY
[OUT OF WAVIN 'AQUACELL CORE-R' CRATES OR SIMILAR APPROVED PROPRIETARY MODULAR SYSTEM. REFER TO GA FOR DIMENSIONS]
(SCALE 1:25@A1)



TYPICAL CATCHPIT MANHOLE – 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)

Rev.	Date	Description	By
P02	01.10.2024	CATCHPIT,TANK SPEC., DRIVE DETS.	CH
P01	24.07.2024	PRELIMINARY ISSUE FOR COMMENT	CH

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Architect
SYMMETRY ARCHITECTURE

Project title
LAND AT REAR OF CEDAR END, EASTERGATE, EASTERGATE LANE, FONTWELL, P020 3SJ.

Drawing title
DRAINAGE DETAILS.

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

Name
Project code Originator | Functional breakdown | Spatial breakdown | Form | Discipline | Number | Revision
AAL404-AAL-ED-XX-DD-C-5050-P02

ARUN DISTRICT COUNCIL BN182AXDOC

Scale 1:1
0mm 50 100