

- 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.

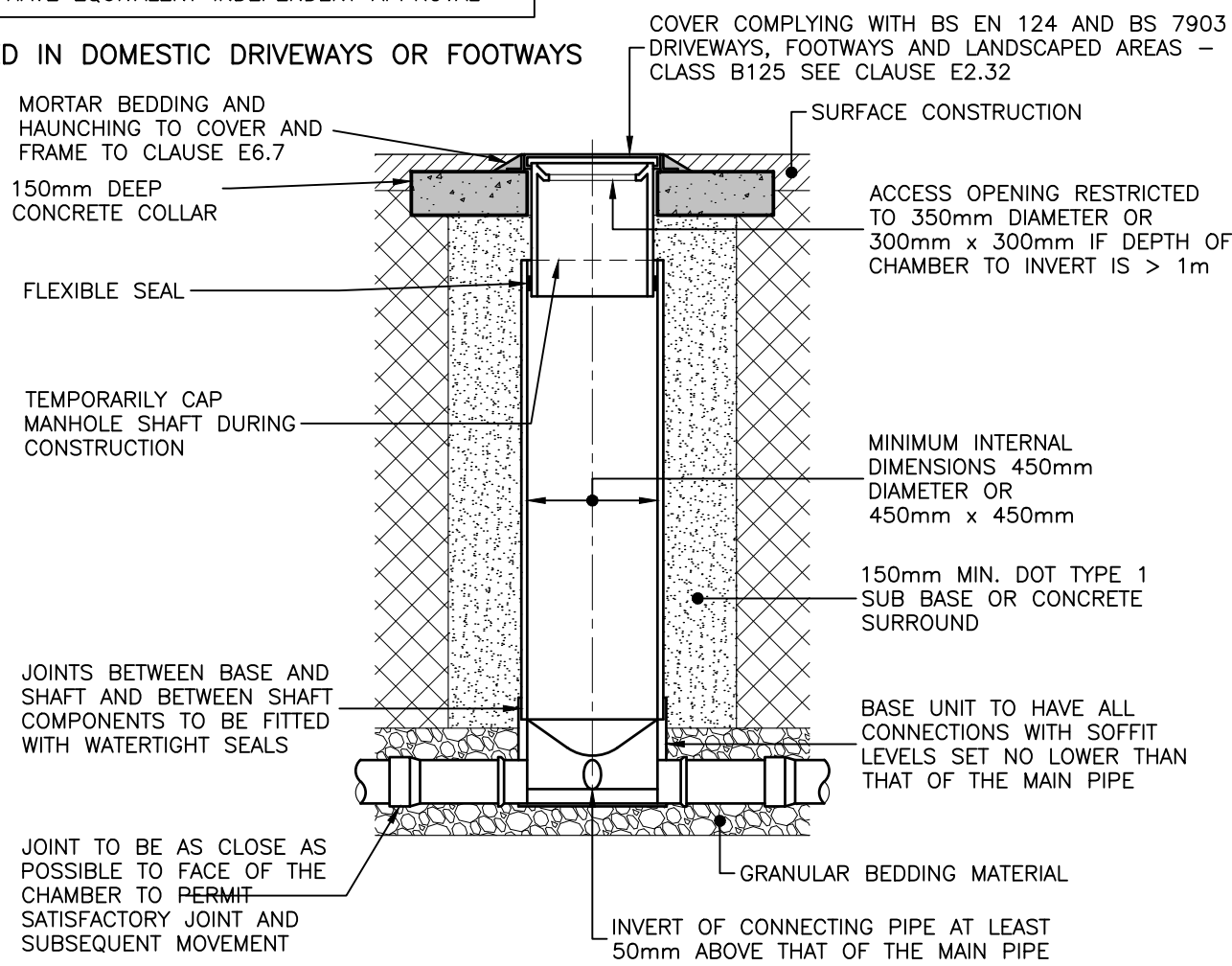
CDM REGULATIONS 2015

ARCH ASSOCIATES HAVE CONSIDERED AND, WHERE REASONABLY PRACTICABLE, AVOIDED FORESEEABLE RISKS IN THE PREPARATION OF THE DESIGN SHOWN ON THIS AND RELATED DRAWINGS. SIGNIFICANT RISKS WHICH REMAIN AND ASSOCIATED CONTROL MEASURES ARE IDENTIFIED BELOW AND SHOULD BE GIVEN PARTICULAR ATTENTION BY THE MAIN CONTRACTOR ON SITE.

ACTIVITY	HAZARD	CONTROL
NOTE: THE ABOVE ASSESSMENT RECORDS ONLY THOSE ELEMENTS CONSIDERED UNUSUAL, DIFFICULT TO MANAGE OR OUTSIDE OF THE ANTICIPATED EXPERTISE OF A COMPETENT CONTRACTOR		

PLASTIC CHAMBERS AND RINGS SHALL COMPLY WITH BS EN 13598-1 AND BS EN 13598-2 OR HAVE EQUIVALENT INDEPENDENT APPROVAL

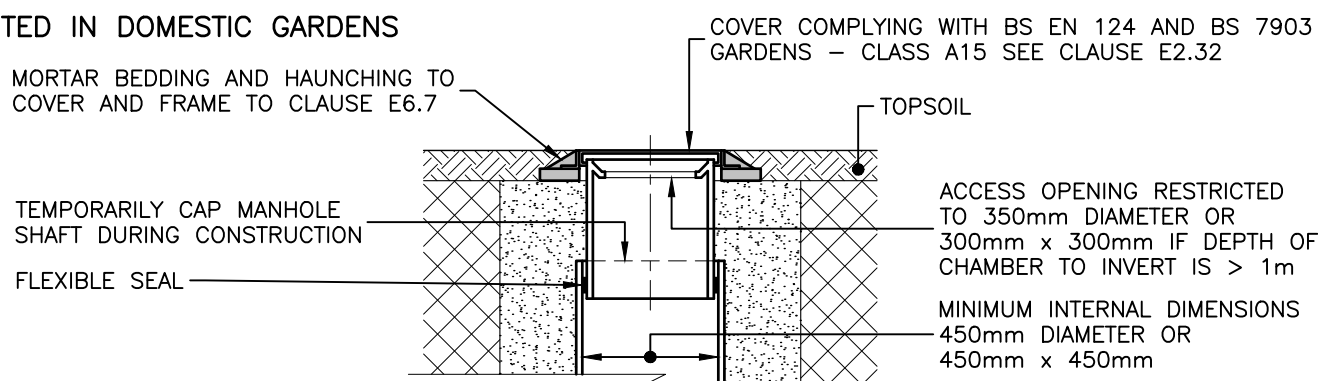
SITED IN DOMESTIC DRIVEWAYS OR FOOTWAYS



TYPICAL ACCESS CHAMBER DETAIL – TYPE 3
(FLEXIBLE MATERIAL DETAIL)

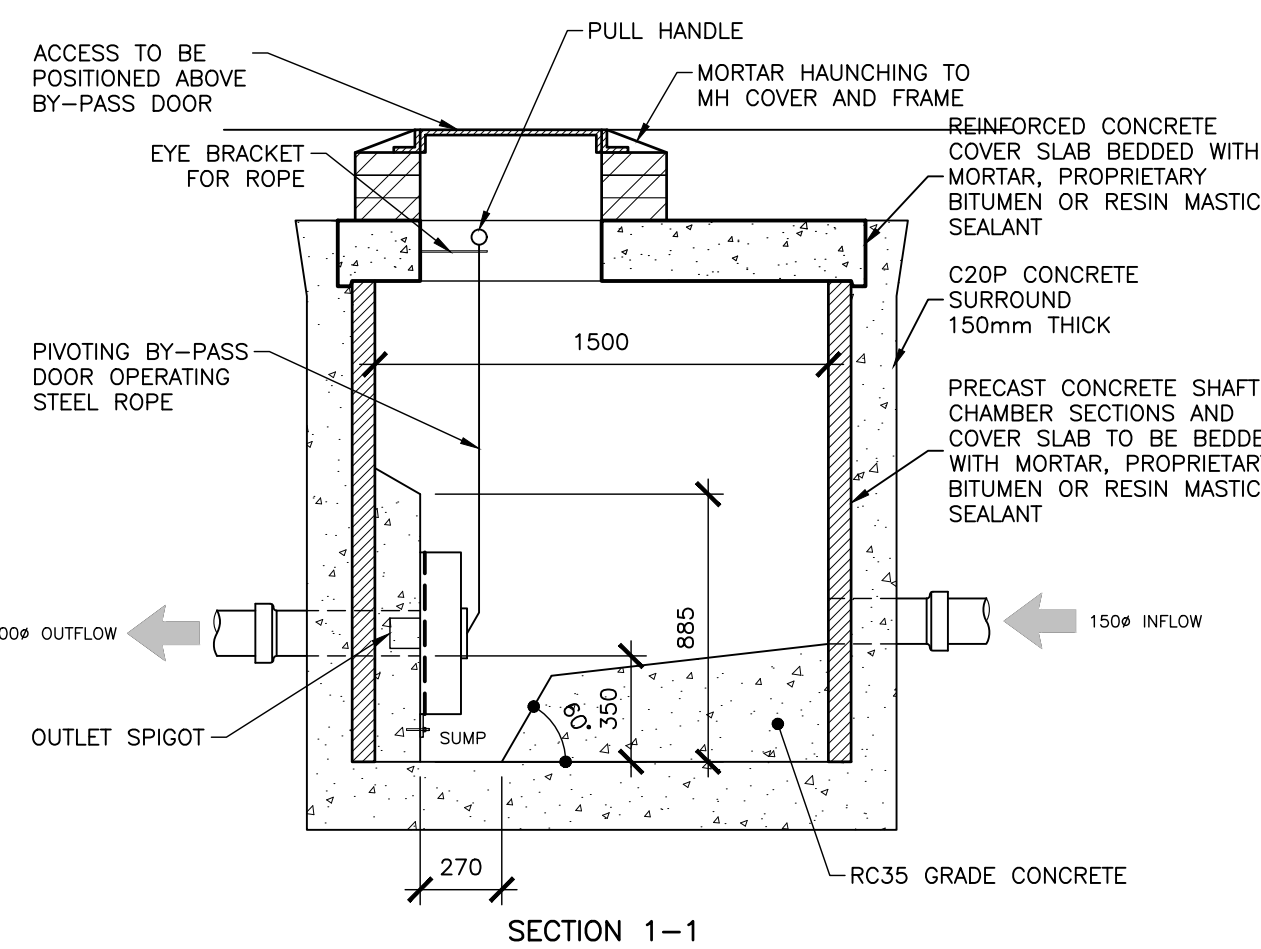
MAXIMUM DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE IN AREAS SUBJECT TO VEHICLE LOADING 3m, NON-ENTRY
(1:25@A1)

SITED IN DOMESTIC GARDENS

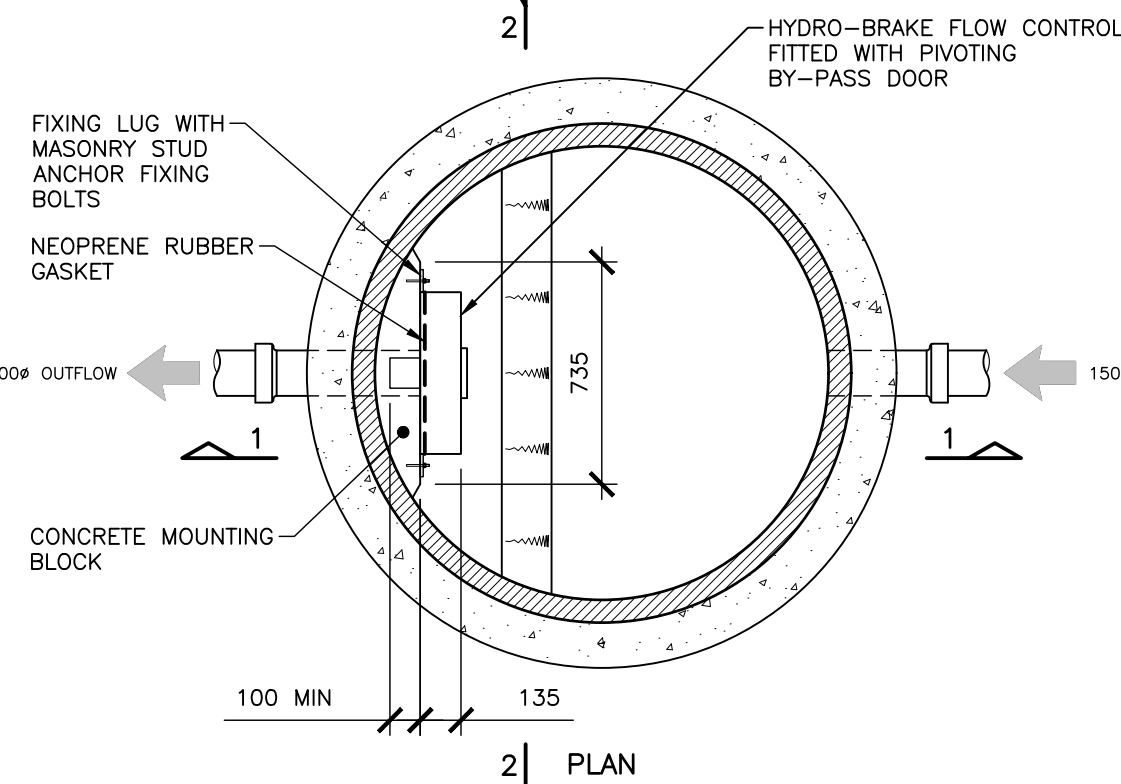


ALTERNATIVE COVER DETAIL FOR
LANDSCAPED AREAS – TYPE 3
(1:25@A1)

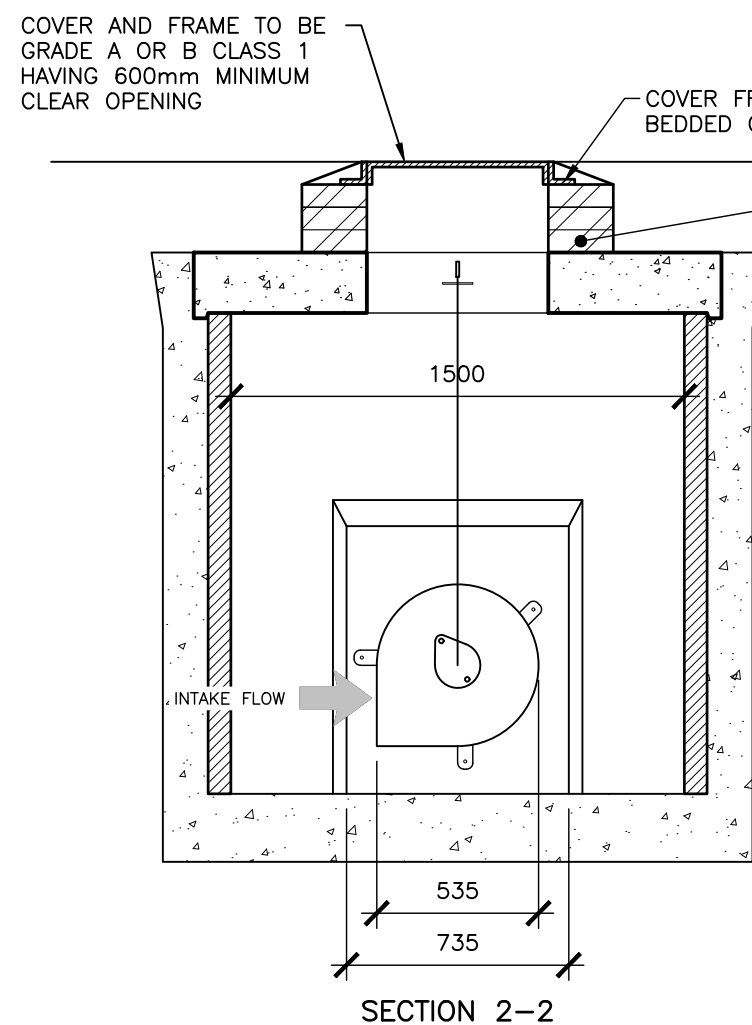
NOTE:
ACO 'Q' FLOW CONTROL MANHOLE WITH 2L/S MAX.
DISCHARGE 'Q' BRAKE FLOW CONTROL TO
MANUFACTURERS' STANDARD DETAILS TO BE USED IN
REFERENCE TO SITE CONSTRUCTED CHAMBER DETAILED.



SECTION 1-1



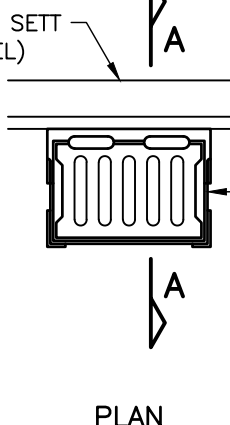
MANHOLE WITH HYDRO-BRAKE
(1:25@A1)



SECTION 2-2

NOTE:
DUE TO RESTRICTIVE SITE LEVELS, THE COURSES OF
BRICKWORK MAY NEED TO BE OMITTED & THE GULLY
BEDDED IMMEDIATELY ON CONCRETE SURROUND

- NOTES
1. ALL DIMENSIONS IN MILLIMETRES
 2. ALL DETAILS IN ACCORDANCE WITH SECTIONS 5.57 – 5.61
 3. UNTRAPPED GULLY CHAMBERS MAY BE EMPLOYED IN CONNECTED TO SURFACE WATER ONLY



PLAN

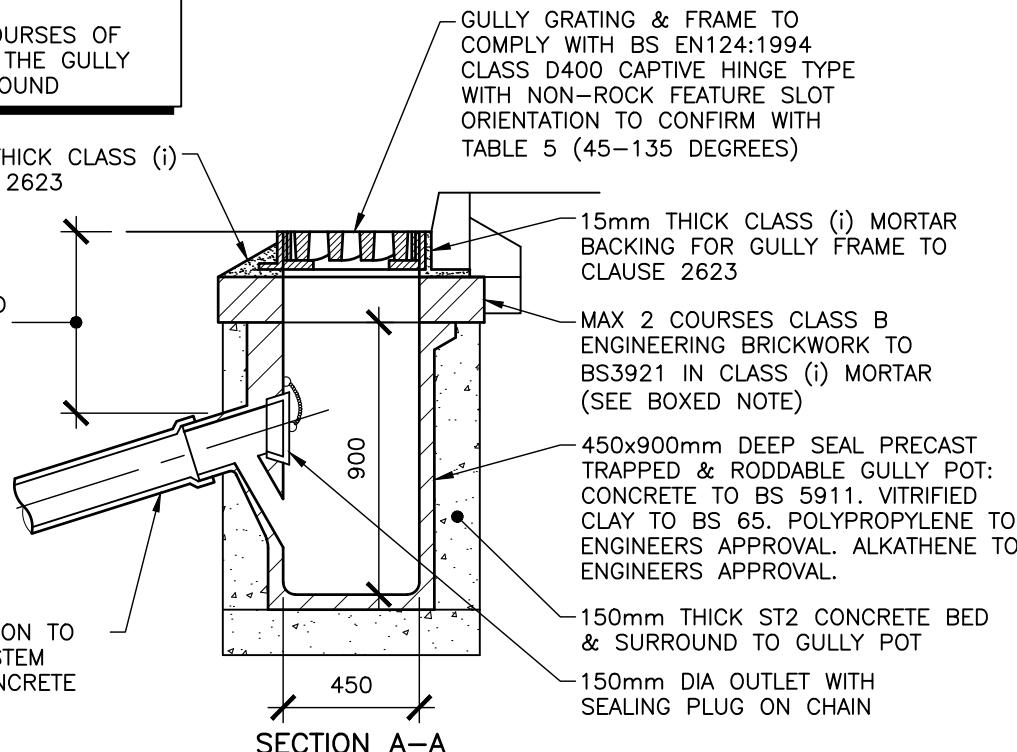
MIN 15 TO MAX 35mm THICK CLASS (i)
MORTAR BED TO CLAUSE 2623

COVER TO OUTLET PIPE SHALL
BE 600mm MIN FOR MAIN ROAD
LOCATIONS (ie WHERE PIPE IS
UNDER CARRIAGEWAY)

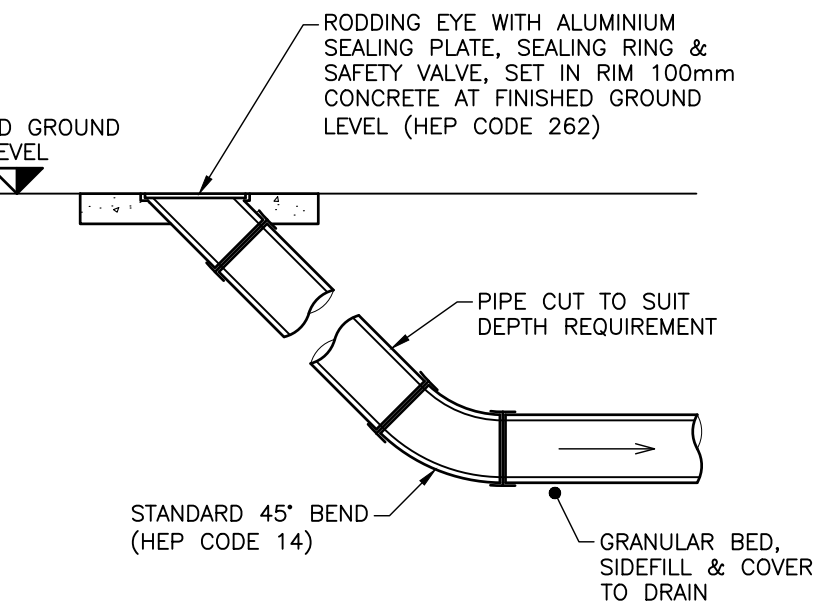
GRATING & FRAME SHALL BE
SET 15mm BELOW FINISHED
ROAD LEVEL AT THE KERB/SETT
& 5mm BELOW FINISHED ROAD
LEVEL AT THE FRONT OF THE
GRATING

150mm CONNECTION TO
SW DRAINAGE SYSTEM
WITH 150mm CONCRETE
SURROUND

TYPICAL ROAD GULLY DETAIL
(1:25@A1)



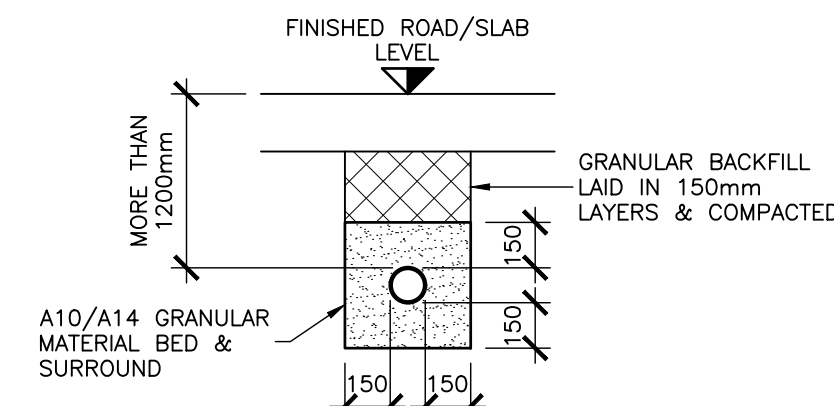
SECTION A-A



RODDING EYE DETAIL
(VC SHOWN – PVCu ALTERNATIVE TO SUIT)
(1:25@A1)

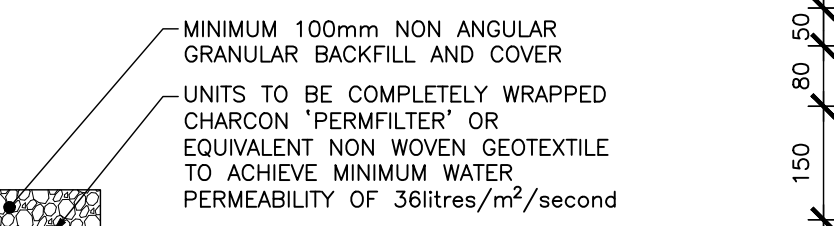
NOMINAL BORE OF PIPE (mm)	SIZE (mm)	
	SINGLE-SIZED	GRADED
100 & 150	10	–
225 & 300	10 OR 20	20 TO 5
375 – 500	20	20 TO 5

PIPE BED & SURROUND DETAIL
(CLASS S)
(1:25@A1)

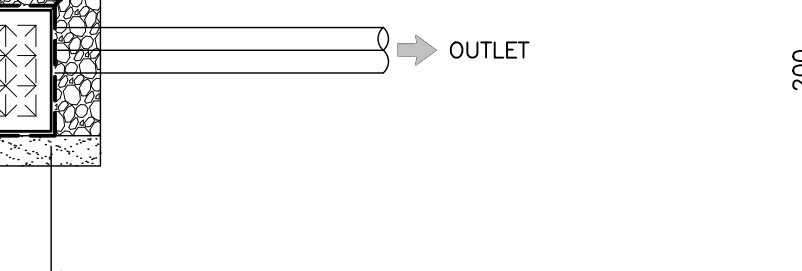


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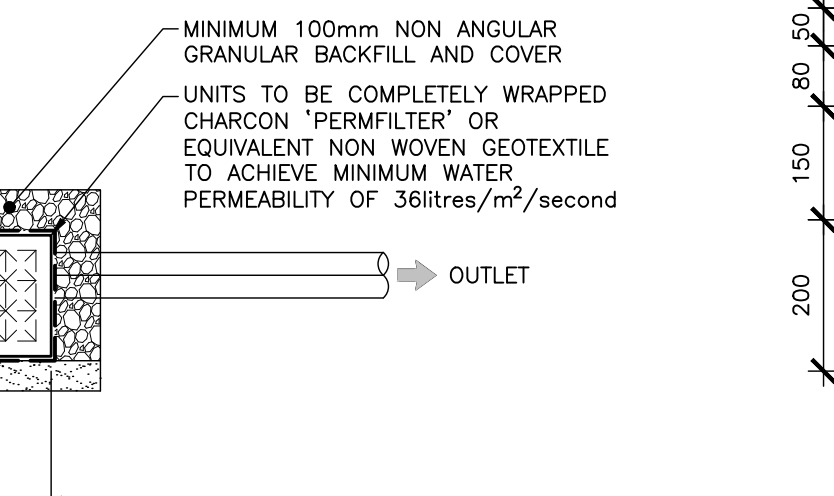


MINIMUM 100mm NON ANGULAR
GRANULAR BACKFILL AND COVER
UNITS TO BE COMPLETELY WRAPPED
CHARCOAL 'PERMIFILTER' OR
EQUIVALENT NON WOVEN GEOTEXTILE
TO ACHIEVE MINIMUM WATER
PERMEABILITY OF 36litres/m²/second



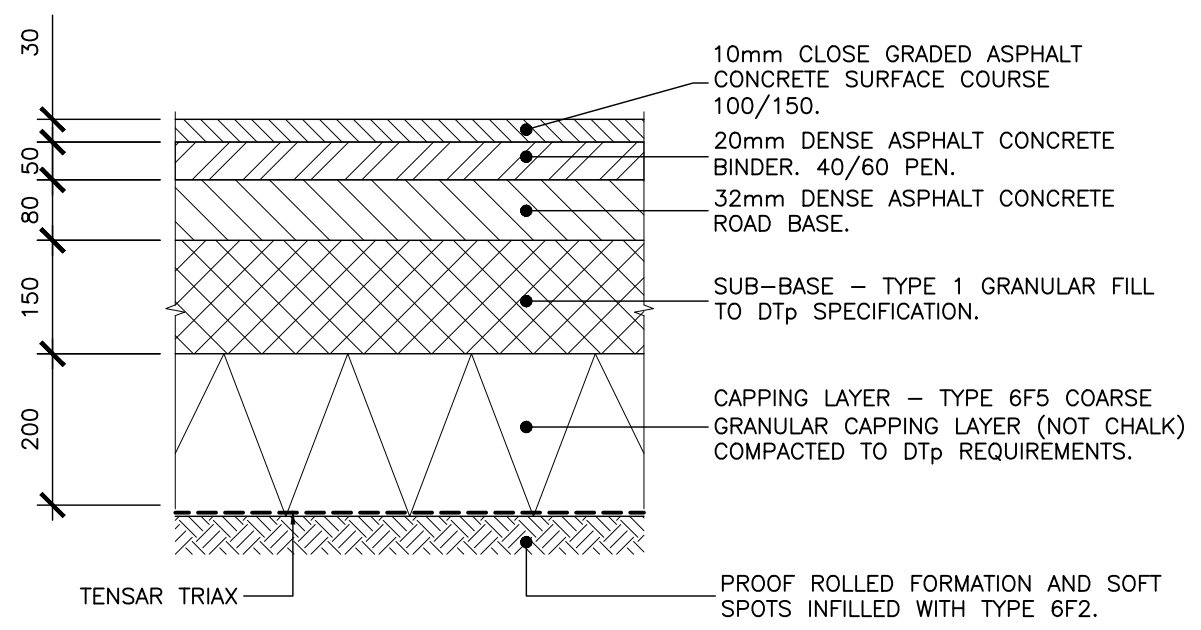
ALL DRAINAGE CONNECTIONS TO
INSTALLATION TO BE MADE USING FLANGE
ADAPTORS (NOTE FLANGE ADAPTORS
CANNOT BE USED AT INVERT OF AQUACELL
UNITS INTO THE PREFORMED SOCKET)

CRATE SOAKAWAY
WAVIN/OSMA 'AQUACELL' SOAKAWAY INSTALLATION
(OR SIMILAR)
(1:25@A1)



FOR WIDTHS SEE PLAN
500 WIDE UNITS

STANDARD TARMAC ROAD CONSTRUCTION
DETAIL
(1:10@A1)



STANDARD TARMAC ROAD CONSTRUCTION
DETAIL
(1:10@A1)

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CONCRETE SURFACE COURSE
100/150
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BINDER, 40/60 PEN.
32mm DENSE ASPHALT CONCRETE
ROAD BASE.
SUB-BASE – TYPE 1 GRANULAR FILL
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CAPPING LAYER – TYPE 6F5 COARSE
GRANULAR CAPPING LAYER (NOT CHALK)
COMPACTED TO DTP REQUIREMENTS.
PROOF ROLLED FORMATION AND SOFT
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