

**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. CHAMBER RINGS, COVER SLAB, PERFORATIONS AND MANHOLE STEPS ALL TO BS 5911-3 AND BS EN 1917. MANHOLE STEPS ARE NOT TO BE PROVIDED IN SOAKAWAYS.
3. EXCAVATION TO EXTEND TO WIDTH OF 500 ALL AROUND THE CHAMBER. BACKFILL WITH TYPE B FILTER DRAIN MATERIAL TO CL.505.
4. GEOTEXTILE COVER TO CHAMBER BACKFILL SHALL BE THERMALLY BONDED NON-WOVEN (TERRAM 1000 OR EQUIVALENT).
5. ALL PIPES CONNECTING TO THE CHAMBER SHALL HAVE AN ARTICULATED SECTION (ROCKER PIPE) AS CLAUSE 507.17. THE ARTICULATED SECTION SHALL BE JOINTED AS NEAR POSSIBLE TO THE CHAMBER, BUT NOT BE RESTRICTED BY THE FILTER MATERIAL BETWEEN THIS AND THE NEXT JOINT. THE LENGTH OF THE ARTICULATED PIPE SHALL BE IN ACCORDANCE WITH WITH TABLE 5/6 OF THE SPECIFICATION FOR HIGHWAY WORKS.
6. TYPE S2, S2A AND S2B ARE AS SHOWN. THE DIAMETER AND DEPTH ARE TO BE DETERMINED BY DESIGN AND SPECIFIED IN THE CONTRACT DOCUMENTS. TYPE S2(G), S2A(G) AND S2B(G) AS S2, S2A AND S2B BUT WITH THE ADDITION OF A GEOTEXTILE TO THE BASE AND SIDES OF BACKFILL. IF SPECIFIED, THE GEOTEXTILE SHALL BE AS NOTE 4 ABOVE.
7. ALL CEMENT USED IN INSITU CONCRETE SHALL BE CII(A OR B)-S OR CIII A OR B TO BS 8500-2, TABLE 1 AND ANNEX A.
8. THE CONTRACTOR IS TO PROVIDE TEMPORARY WORKS DETAILS AND A METHOD STATEMENT FOR APPROVAL BY THE OVERSEEING ORGANISATION AT LEAST 2 WEEKS PRIOR TO CONSTRUCTION.

CONSTRUCT MINIMUM OF 2 AND MAXIMUM OF 4 COURSES OF 225 HIGH DENSITY TYPE CLASS B SOLID CLAY ENGINEERING BRICKS TO BS EN 771-1 AND CLAUSE 2406 LAID ON CLASS (i) MORTAR TO CLAUSE 2404.

COVER AND FRAME SHALL HAVE 600 X 600 CLEAR OPENING AND BE AS DESCRIBED IN APPENDIX 5/1. THE FRAME SHALL BE BEDDED ON MINIMUM 15 THICKNESS OF POLYESTER RESIN MORTAR.

100 TOPSOIL CLASS 5A OR 5B AND SEED.

BACKFILL ABOVE GEOTEXTILE WITH SELECTED EXCAVATED MATERIAL

PRECAST CONCRETE COVER SLAB (SEE NOTE 2)

GEOTEXTILE SEPARATOR (SEE NOTE 4)

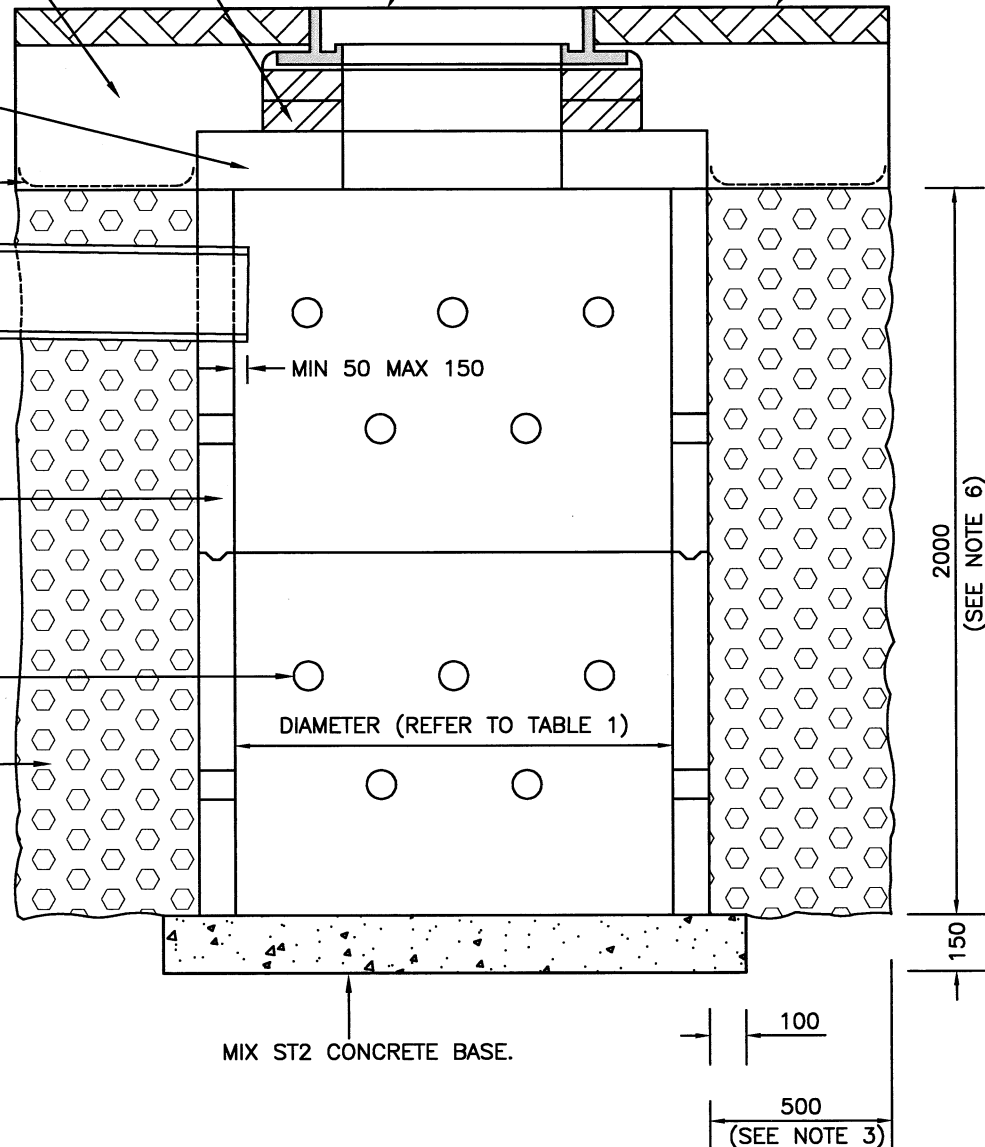
ARTICULATED INCOMING PIPE(S) INVERTS VARY. (SEE NOTE 5)

PRECAST CONCRETE CHAMBER RINGS (SEE NOTE 2).

PERFORATIONS (SEE NOTE 2).

TYPE B FILTER DRAIN MATERIAL (AS CL.505)

MIX ST2 CONCRETE BASE.



**TABLE 1**

SOAKAWAY TYPE	CHAMBER DIAMETER
S2/S2(G)	900
S2A/S2A(G)	1200
S2B/S2B(G)	1500

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REV	AMENDMENTS	DATE	CAD	CHKD	APPD	
CONSULTANT						
<p>STUART JARVIS BSc DipTP FCIBT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT &amp; ENVIRONMENT</p>						
SCHEME						
<b>STANDARD DETAILS</b>						
DRAWING TITLE						
<b>SOAKAWAYS TYPE S2 AND S2 (G)</b>						
HCC CADplot: 19.Nov.2015 at 11:47am						
DRAWN	RB	CHECKED	WW	SCALE @ A3	N.T.S	
CAD	RB	APPROVED	CP	DATE	July 2015	
DRG No.	HCC10/D/075				REVISION	-

HCC CADfile: K:\Eng\Standard\AutoCAD\Standard Details (Secure) As Updated Dec 2011\2015 STANDARD DETAILS-NOT YET RELEASED\Series\10-075.dwg