



TABLE 1

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

NOTES CONTINUED:

- ALL PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS SHALL BE BEDDED ON MINIMUM 15 THICK POLYESTER RESIN MORTAR TO CLAUSE 2601.
- 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.

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES.
- 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.
- EXCAVATION TO EXTEND TO WIDTH OF 500 ALL AROUND THE CHAMBER. BACKFILL WITH TYPE B FILTER DRAIN MATERIAL TO CL.505.
- GEOTEXTILE COVER TO CHAMBER BACKFILL SHALL BE THERMALLY BONDED NON-WOVEN (TERRAM 1000 OR APPROVED EQUIVALENT).
- 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.
- TYPE S2, S2A AND S2B ARE AS SHOWN. THE DIAMETER AND DEPTH ARE TO BE DETERMINED BY DESIGN AND SPECIFIED IN THE CONTRACT DOCUMENTS. FOR CHAMBERS IN EXCESS OF 1.5M DIAMETER, IF NOT CONSTRUCTED USING A PROPRIETARY MANUFACTURED CHAMBER RINGS, A FULL AIP FOR A CATEGORY 1 STRUCTURE SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL.
- 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.
- 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.
- PROPRIETARY PRECAST CONCRETE ADJUSTING UNITS MAYBE USED IN LIEU OF BRICKWORK. ONLY TWO-PIECE UNITS THAT COMPLY WITH BS EN 1917 AND BS 5911-3 SHALL BE USED.

CONTINUED BELOW....

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

STANDARD DETAILS

DRAWING TITLE

**SOAKAWAYS
TYPE S2, S2(G), S2A, S2A(G),
S2B AND S2B(G)**

HCC CADplot: 24.Mar.2020 at 11:14am		
DRAWN	CHECKED	SCALE @ A3
RB	JPR	N.T.S
CAD	APPROVED	DATE
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