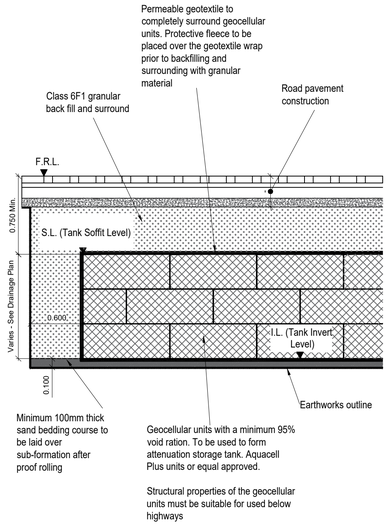


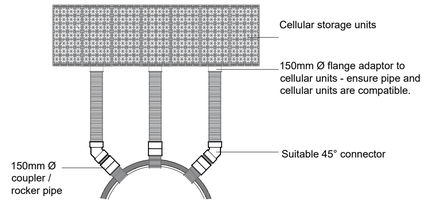
NOTES

1. For details of inlet outlet manifold pipe arrangement refer to manufacturers details.

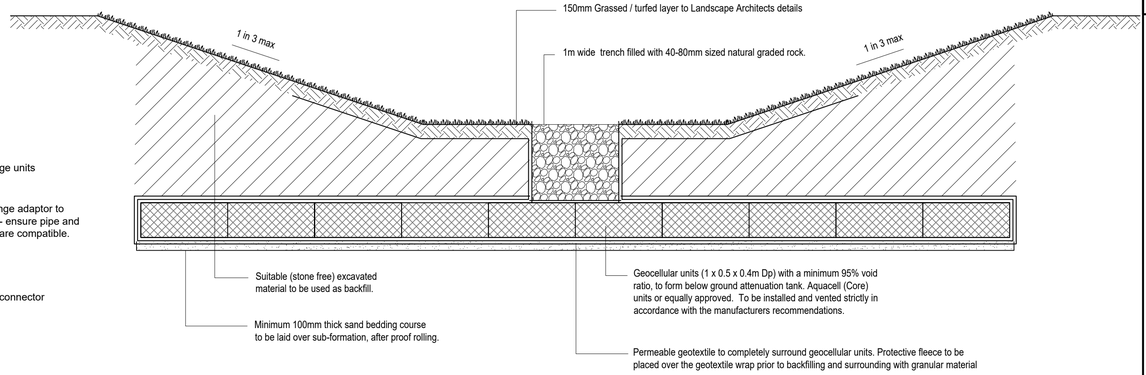
2. All geocellular attenuation tanks to be provided with ventilation as per manufacturers recommendations. Arrangement and exact location of vent outlets to be agreed prior to installation of the geocellular units

3. All perforations required through geomembrane to accommodate pipework shall be sealed in accordance with the recommendations of the geomembrane system supplier.

Typical Section Through Attenuation/Soakaway Tank Below Trafficked Areas (SA2/SA6)

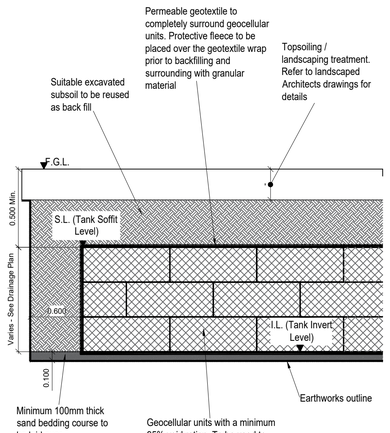


On-line storage inlet and/or outlet manifold connection general arrangement



Geocellular Storage Below Detention Basin Pond 7 / SA25, Pond 8 / SA15, Pond 9 / SA23

Note:
Pond 7 has the cellular storge substituted with a granular blanket



NOTES

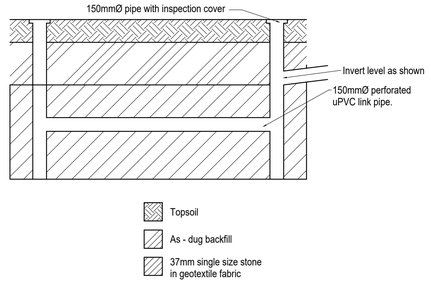
1. For details of inlet outlet manifold pipe arrangement refer to manufacturers details.

2. All geocellular attenuation tanks to be provided with ventilation as per manufacturers recommendations. Arrangement and exact location of vent outlets to be agreed prior to installation of the geocellular units

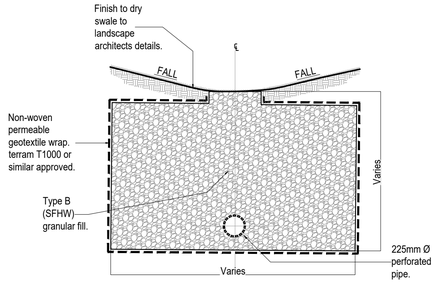
3. All perforations required through geomembrane to accommodate pipework shall be sealed in accordance with the recommendations of the geomembrane system supplier.

Typical Section Through Attenuation/Soakaway Tank Below Landscaped Areas

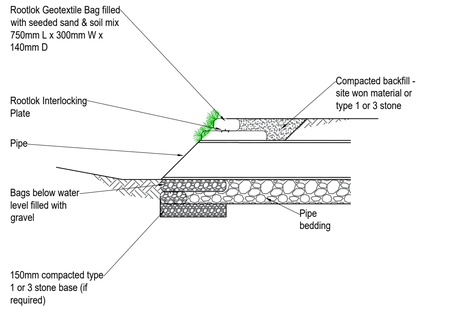
(SA7, SA14, SA16, SA17, SA18, SA19a, SA19b, SA20, SA21, SA22, SA24, SA25)



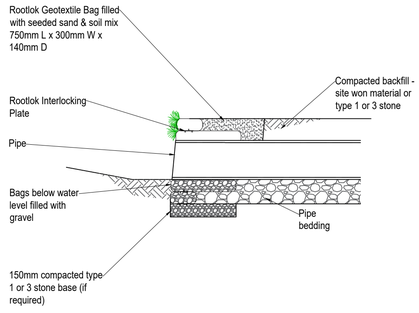
Trench Soakaway detail (SA1)



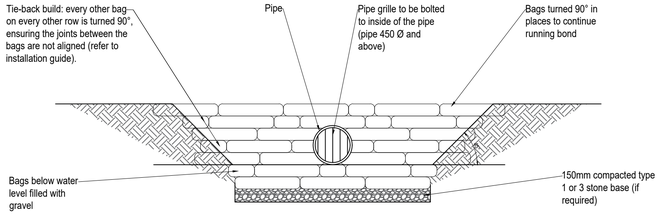
Infiltration enhanced swale with 225mmØ 360° perforated pipe SW1, SW3, SA5, All Roadside enhanced swales



Headwall Typical detail



Headwall Typical detail



Headwall Typical detail

CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

Rev.	Date	Amendment	Drawn	Chkd.	Appd.
B	01.10.2020	SUDs types cross referenced to SUDs on drawing PLN_1_4084 (Drainage layout)	SM		
A	13.07.2020	Issued to support reserved matters application	SM		

RSK
LAND & DEVELOPMENT ENGINEERING LTD
18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT
United Kingdom
Tel: +44 (0) 1442 437500
Fax: +44 (0) 1442 437550
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client
BARRATT HOMES built around you
DAVID WILSON HOMES

Project Title
DROVE LANE,
YAPTON

Status
PRELIMINARY

Drawing Title
TYPICAL SUDS DETAILS
(SHEET 1 OF 2)

Drawn	Date	Checked	Date	Approved	Date
SM	07.2020				

Scale	Orig Size	Dimensions
NTS	A1	Metres

Project No.	Drawing File
133647	PLN_1_4101 Typical SUDs details.dwg

Drawing No.	Rev.
PLN_1_4101	B

File Location: K:\133000-133999\133647 - DROVE LANE, YAPTON\GRAPHWNPFASTRUCTURE\DRAWINGS\3 - DRAINAGE DRAWINGS\PLN_1_4101 TYPICAL SUDS DETAILS.DWG