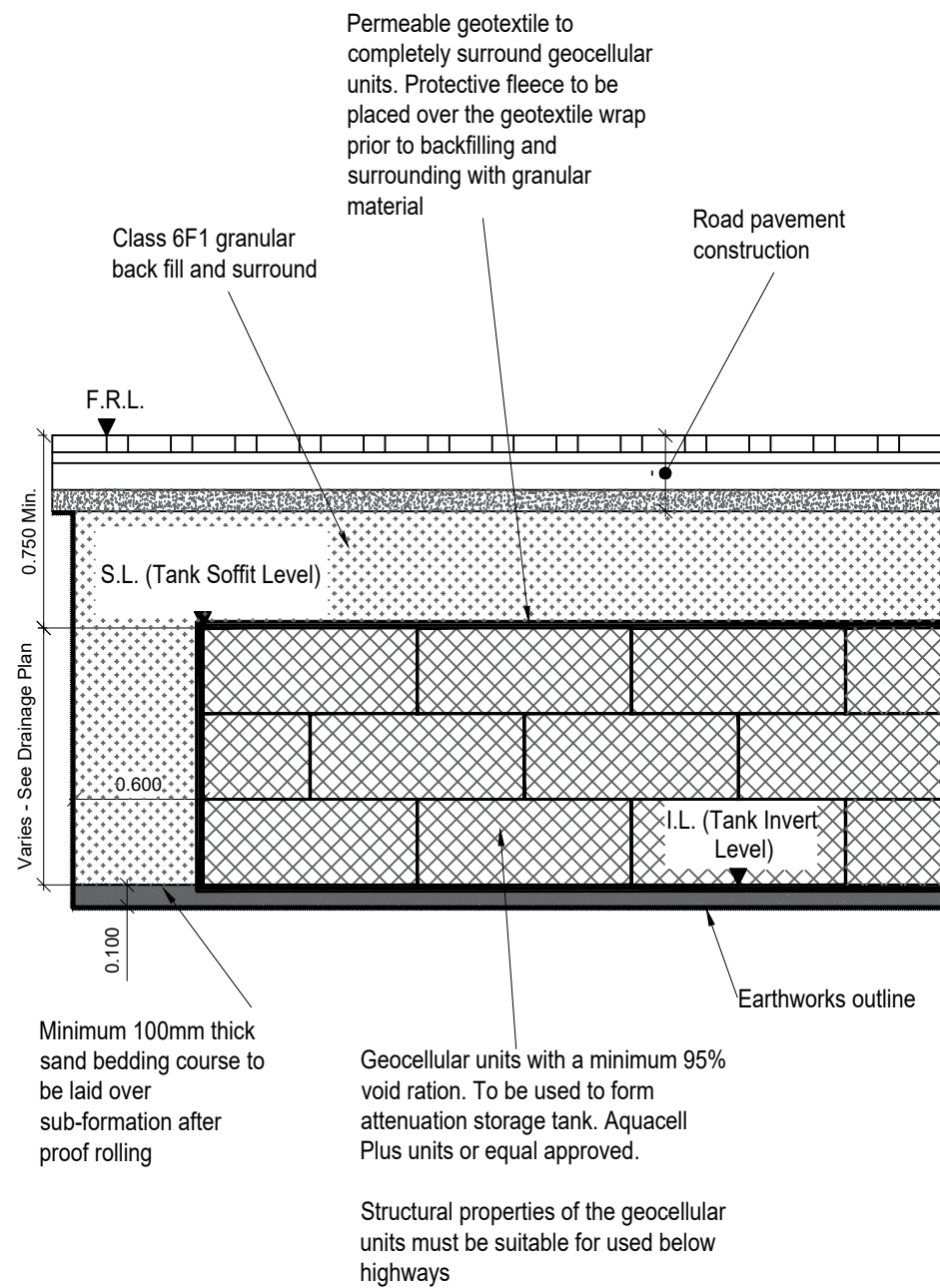
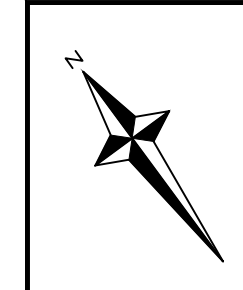


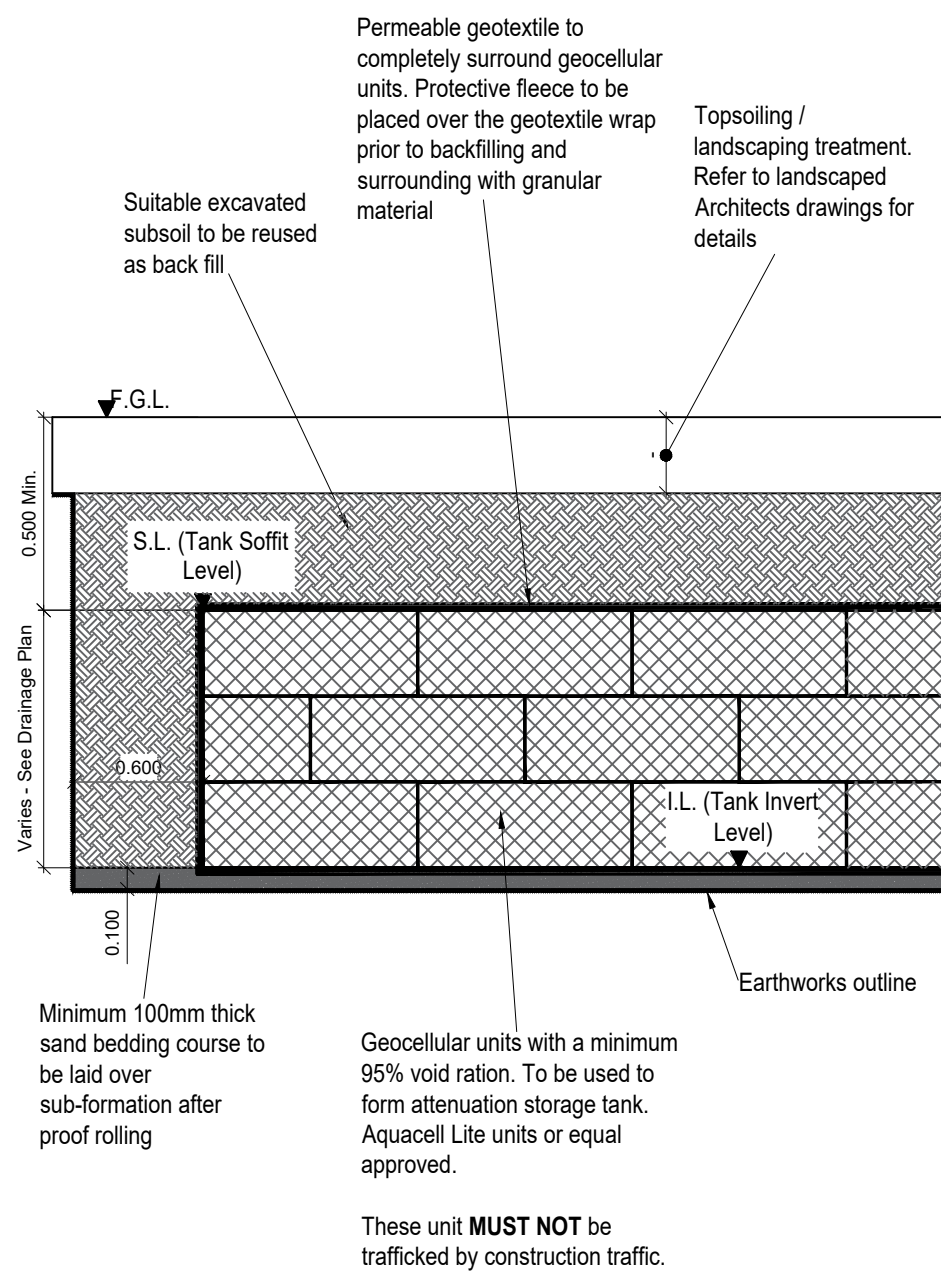
File Location: K:\33030-133647-DROVE LANE-YAPTON\GRAPH\INFRASTRUCTURE\DRAWINGS\1-4101 TYPICAL SUDS DETAILS.DWG



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)

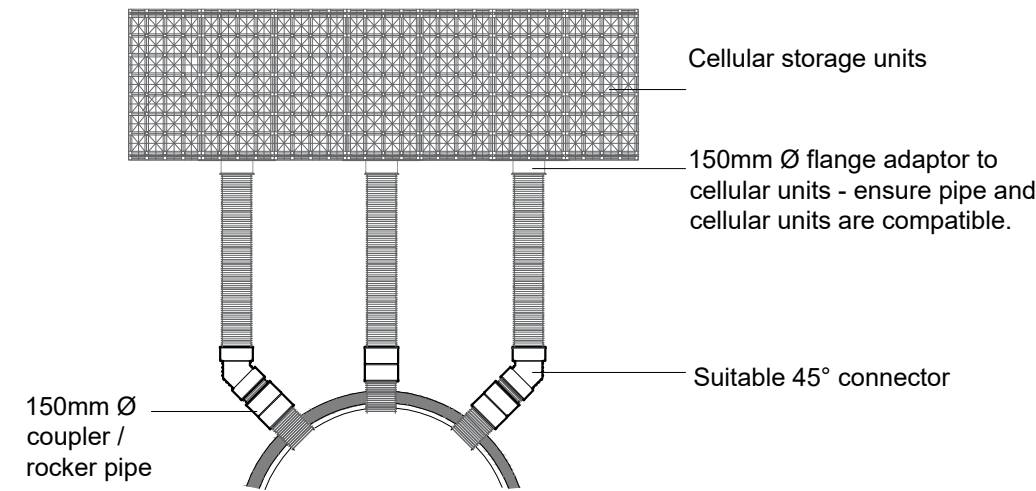


NOTES

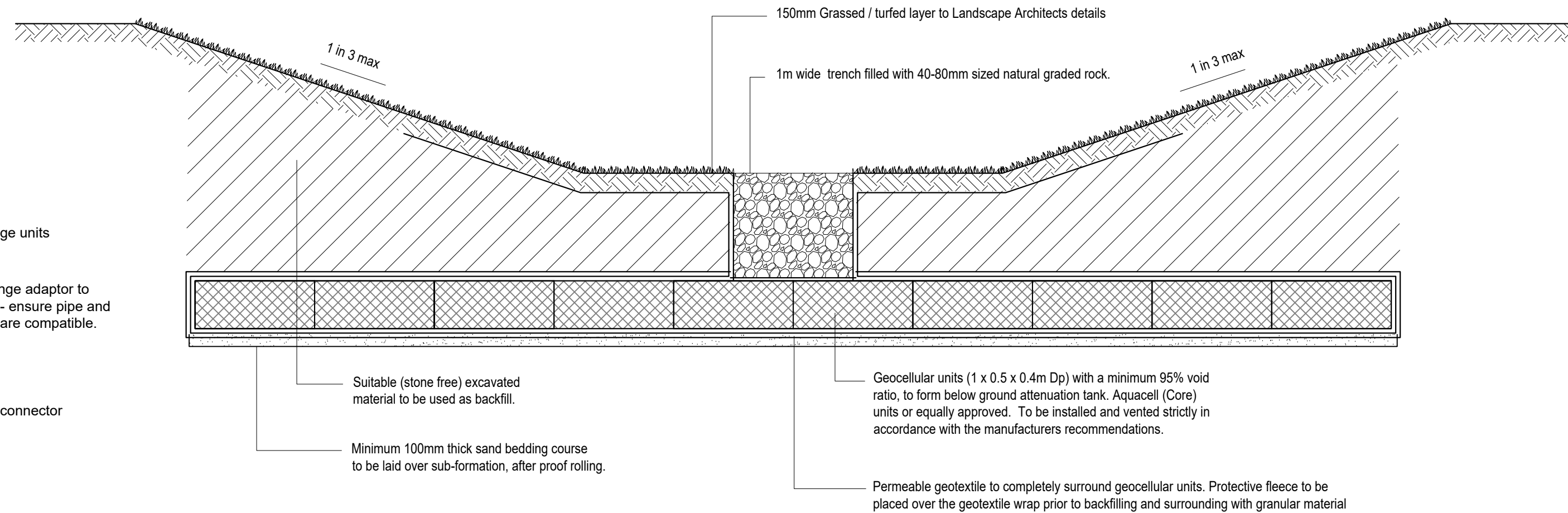
1. For details of inlet outlet manifold pipe arrangement refer to manufacturers details.
2. All geocellular attenuation tanks to be provided with ventilation as per manufacturers recommendations. Arrangement and exact location of vent outlets to be agreed prior to installation of the geocellular units
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)

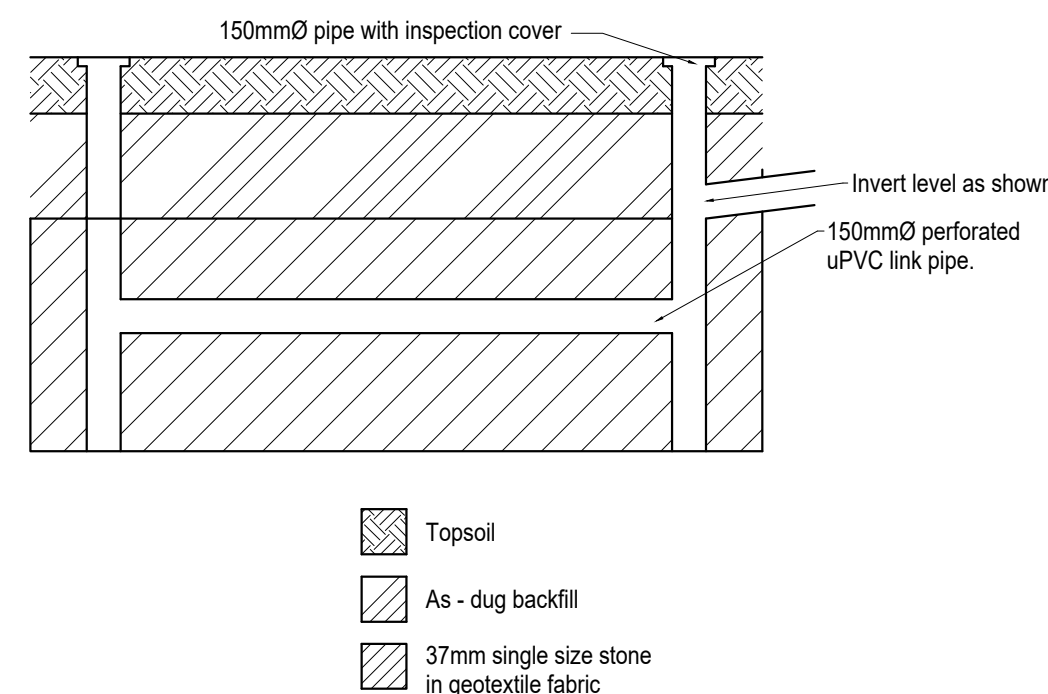


On-line storage inlet and/or outlet manifold connection general arrangement

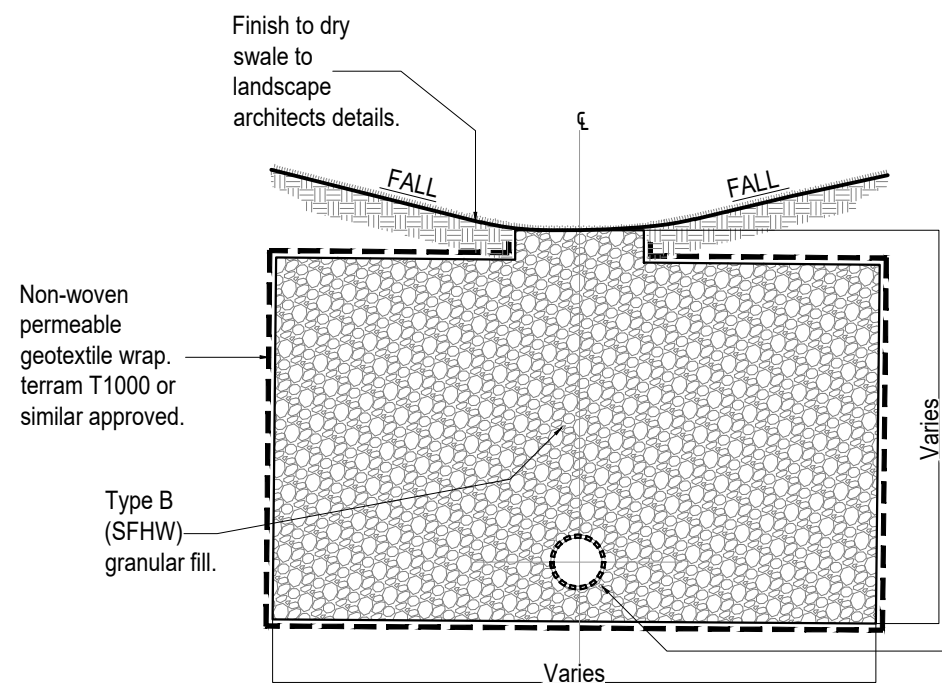


Geocellular Storage Below Detention Basin Pond 7 / SA25, Pond 8 / SA15, Pond 9 / SA23

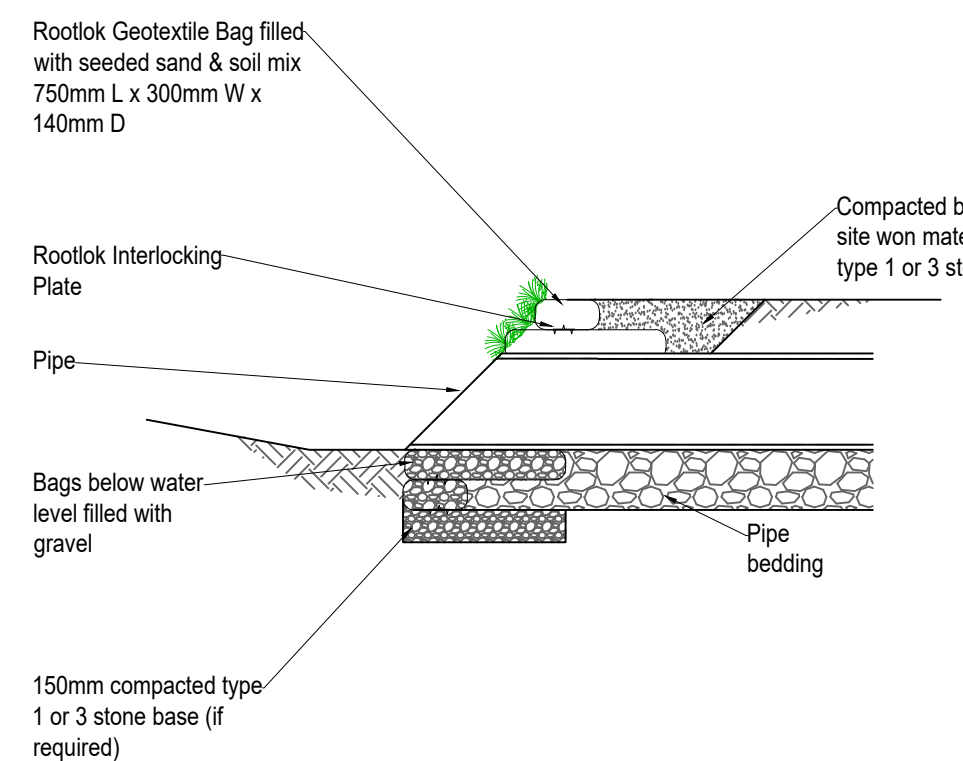
Note:
Pond 7 has the cellular storage substituted
with a granular blanket



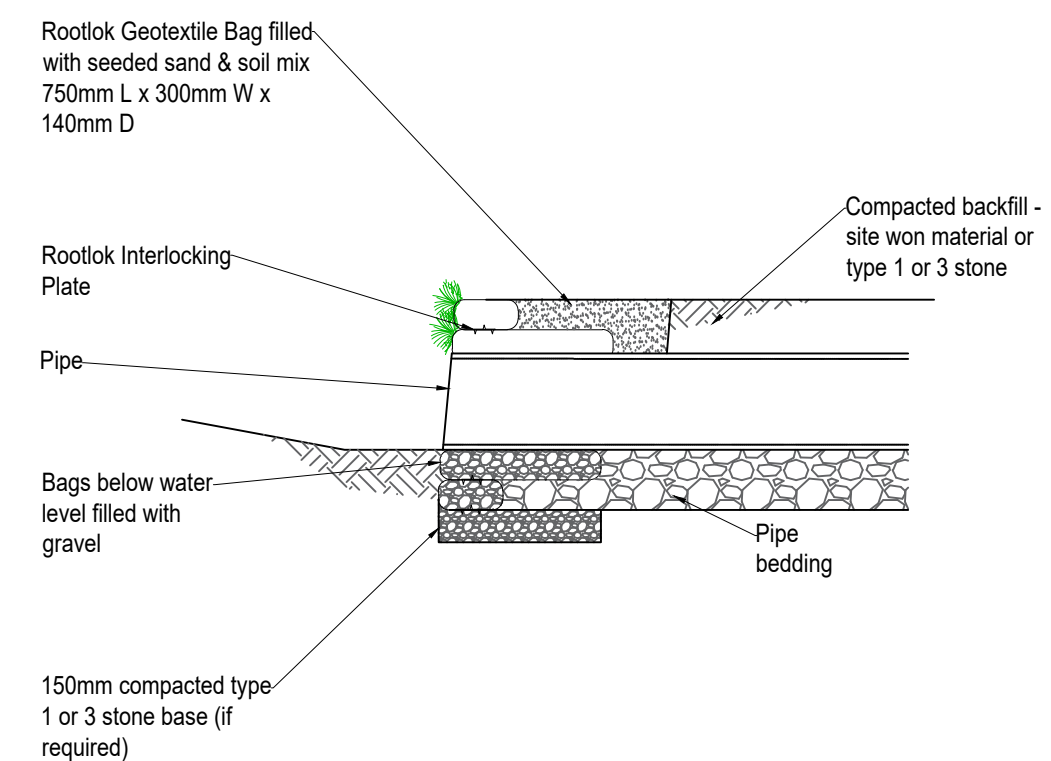
Trench Soakaway detail (SA1)



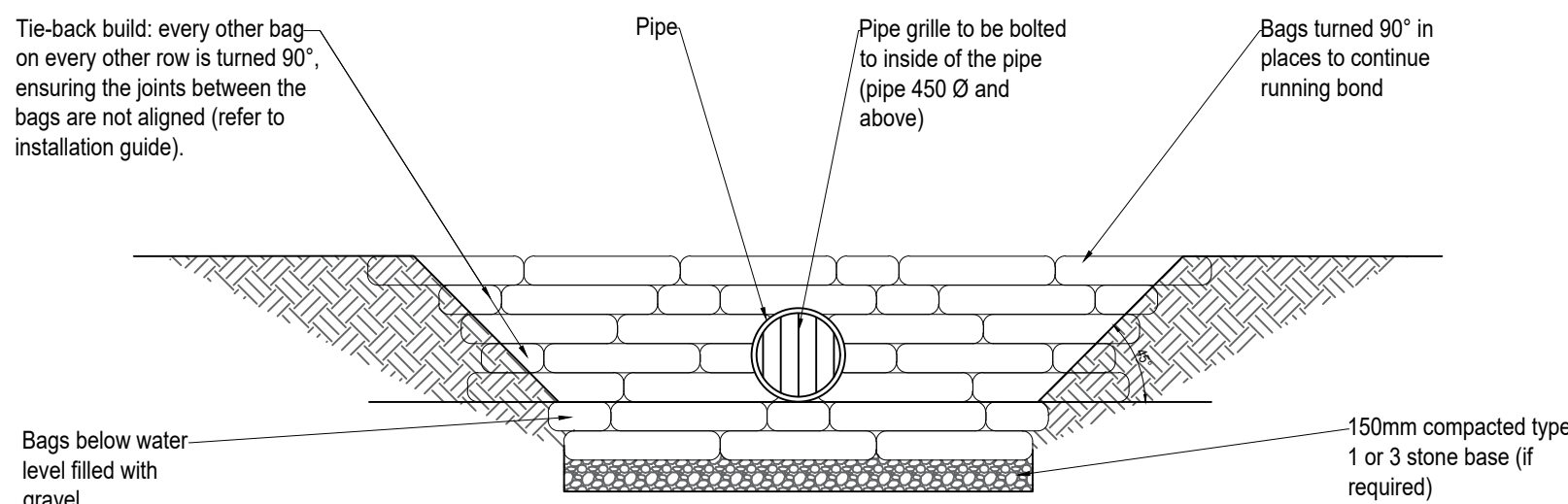
Infiltration enhanced swale with 225mmØ 360° perforated pipe SW1, SW3, SW4, SW5, SA5, All Roadside enhanced swales



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.

C	18.03.2021	SUDs types cross referenced to updated drainage layout.	AM		
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		
Rev.	Date	Amendment	Drawn	Chkd.	Appd.

RSK

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PRELIMINARY

TYPICAL SUDS DETAILS (SHEET 1 OF 2)

Drawn	Date	Checked	Date	Approved	Date
SM	07.2020				
Scale	NTS	Orig Size	A1	Dimensions	Metres
Project No.	133647	Drawing File	PLN_1_4101 Typical SUDs details.dwg		
Drawing No.	PLN_1_4101			Rev.	C