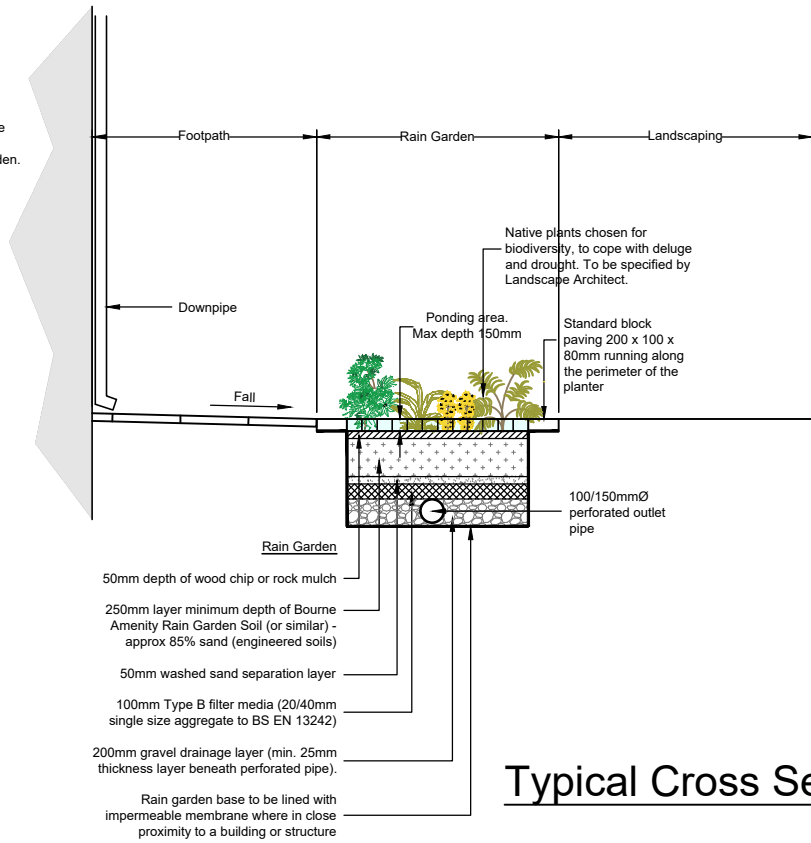


NOTE:

Site excavated materials are not permitted for use in the construction of the rain garden.

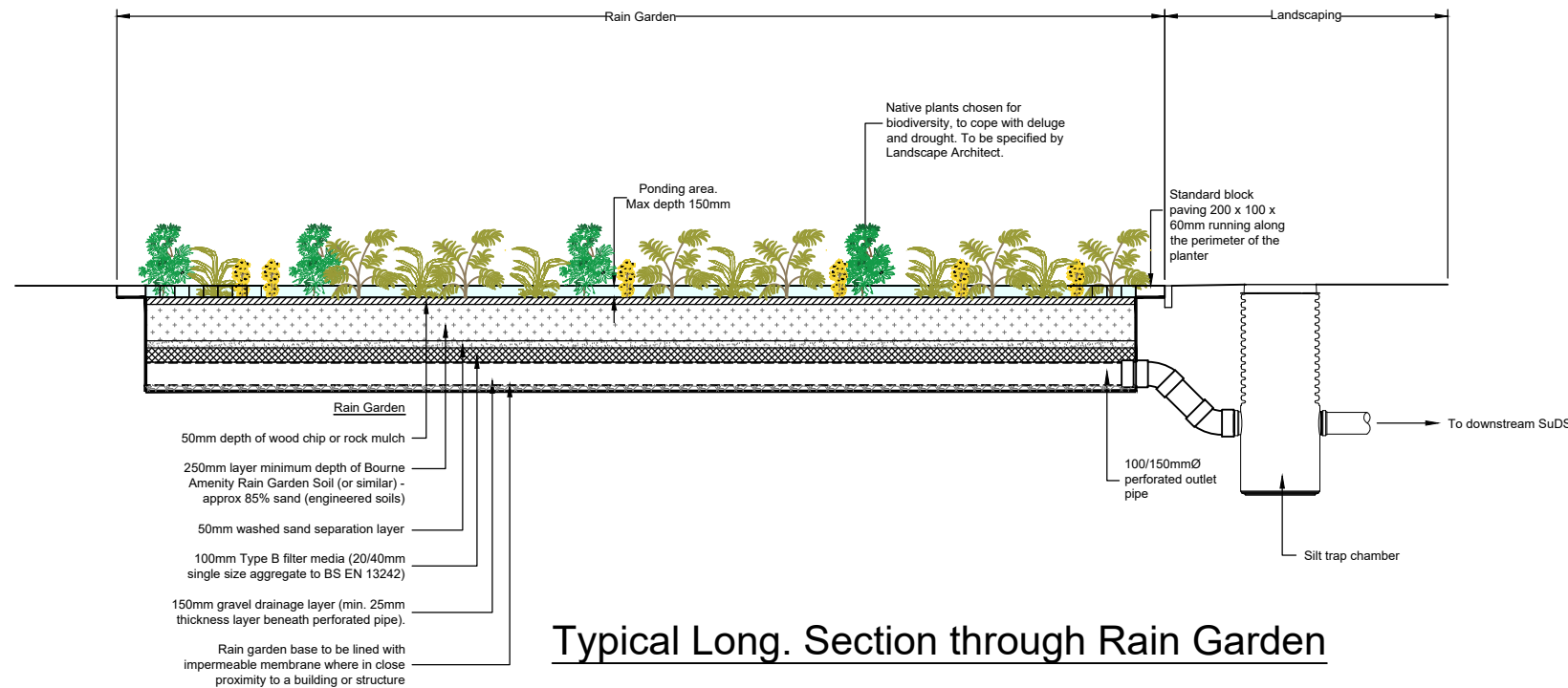


Typical Cross Section through Rain Garden

Operation & maintenance requirements for rain gardens and bioretention systems		
Maintenance Schedule	Required Action	Typical Frequency
Regular inspections	Inspect infiltration surfaces for silting and ponding, record de-watering time of the facility to determine if maintenance is necessary	Quarterly
	Assess plants for disease infection, poor growth, invasive species etc and replace as necessary	Quarterly
	Inspect inlets and outlets for blockage	Quarterly
Regular maintenance	Remove litter and surface debris and weeds	Quarterly (or more frequently for tidiness or aesthetic reasons)
	Replace any plants, to maintain planting density	As required
	Remove sediment, litter and debris build-up from around inlets	Quarterly or biannually
Occasional maintenance	Infill any holes or scour in the filter medium, improve erosion protection if required	As required
	Repair minor accumulations of silt by raking away surface mulch, scarifying surface of medium and replacing mulch	As required
Remedial actions	Remove and replace filter medium and vegetation above	As required but likely to be > 20 years

Note: -

Planting and soils specification shall be strictly in accordance with the Landscape Architects' recommendations.



Typical Long. Section through Rain Garden

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

Status: **APPROVAL**

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rev	date	description
-	-	-

by

Drawn: RMJ
Checked: RMJ
Date: Mar 2024
Scale: NTS

Client: Bluefield Land
Project: Former Police Station, Cowbridge
Title: Rain Garden - Typical Details
Ref: 2728-740-1
Rev: -



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