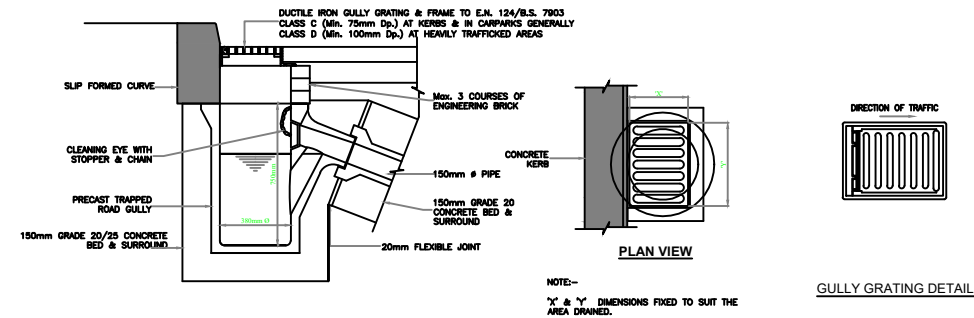


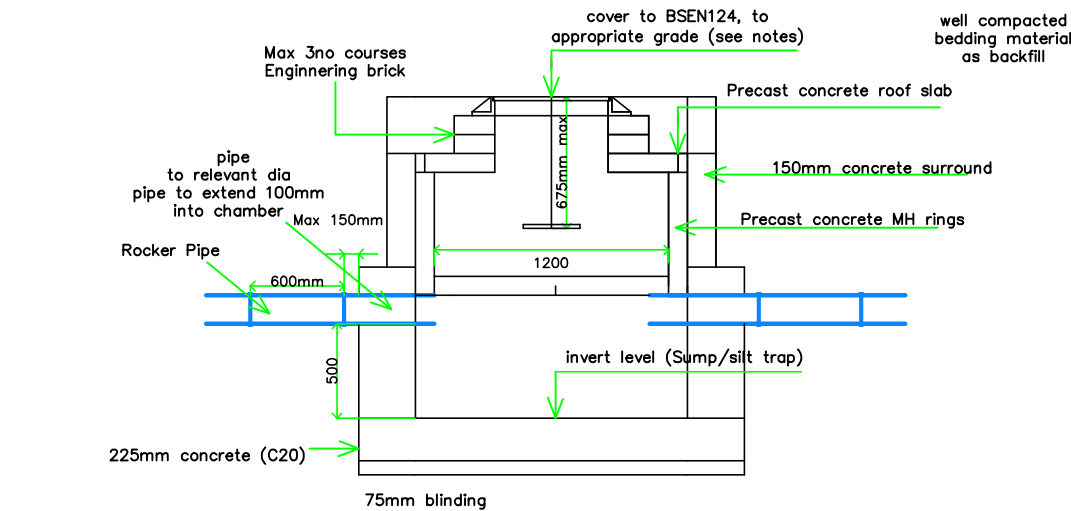
MAINTENANCE REQUIREMENTS FOR BIORETENTION SYSTEMS & TREE PITS

- Regular Inspections:
- Inspect infiltration surfaces for silting and ponding, record de-watering time of the system to determine if maintenance is necessary.
 - Frequency - Quarterly
 - Assess plants for disease infection, poor growth, invasive species etc. & replace if necessary.
 - Frequency - Quarterly
 - Inspect inlets & outlets for blockage.
 - Frequency - Quarterly
- Regular Maintenance:
- Remove litter & surface debris & weeds.
 - Frequency - Quarterly
 - Replace any plants, to maintain planting density.
 - Frequency - as required.
 - Remove sediment, litter & debris build-up from around inlets or overflow.
 - Frequency - Quarterly
 - Infill any holes or scour in the filter medium, improve erosion protection if required.
 - Frequency - as required.
 - Repair minor accumulations of silt by raking away surface mulch, scarifying surface of medium & replacing mulch.
 - Frequency - as required.
- Remedial Actions:
- Remove & replace filter medium & vegetation above.
 - Frequency - as required but likely to be >20years.



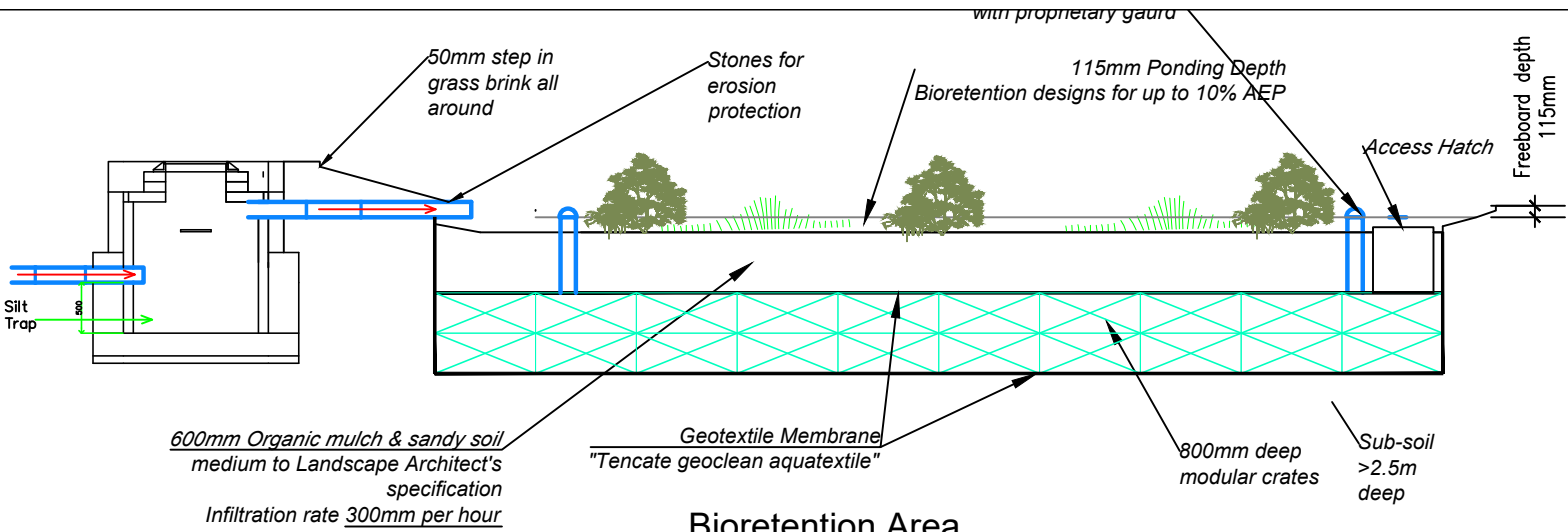
TYPICAL ROAD DETAIL ADJACENT TO KERB

Road Gully with silt trap
Scale NTS

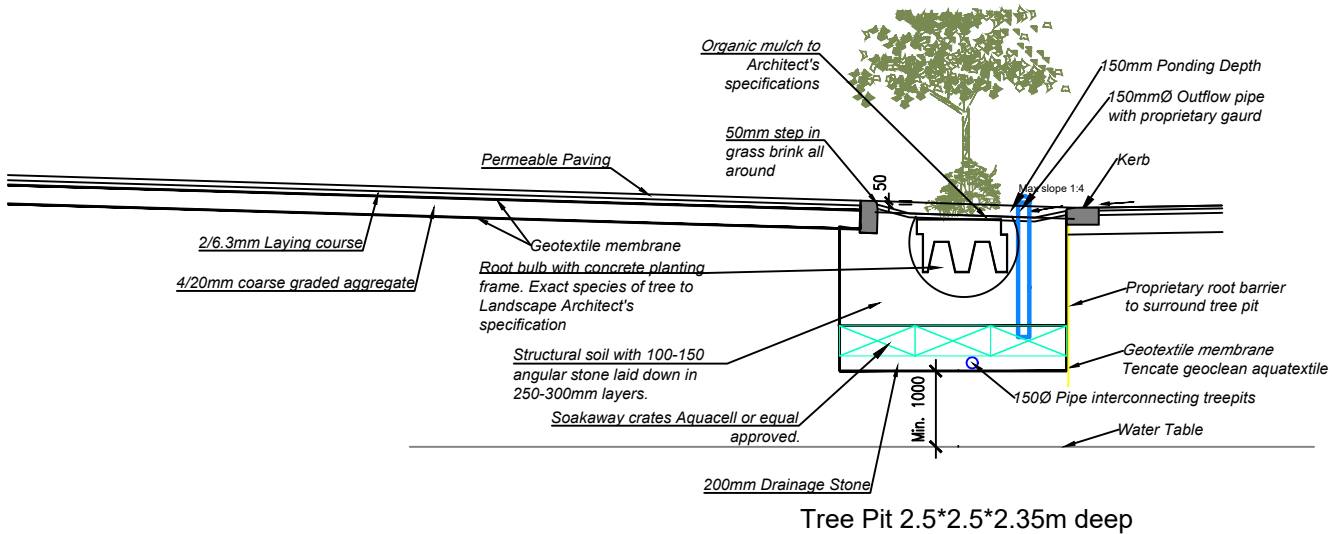


Precast Manhole with silt trap
Scale NTS

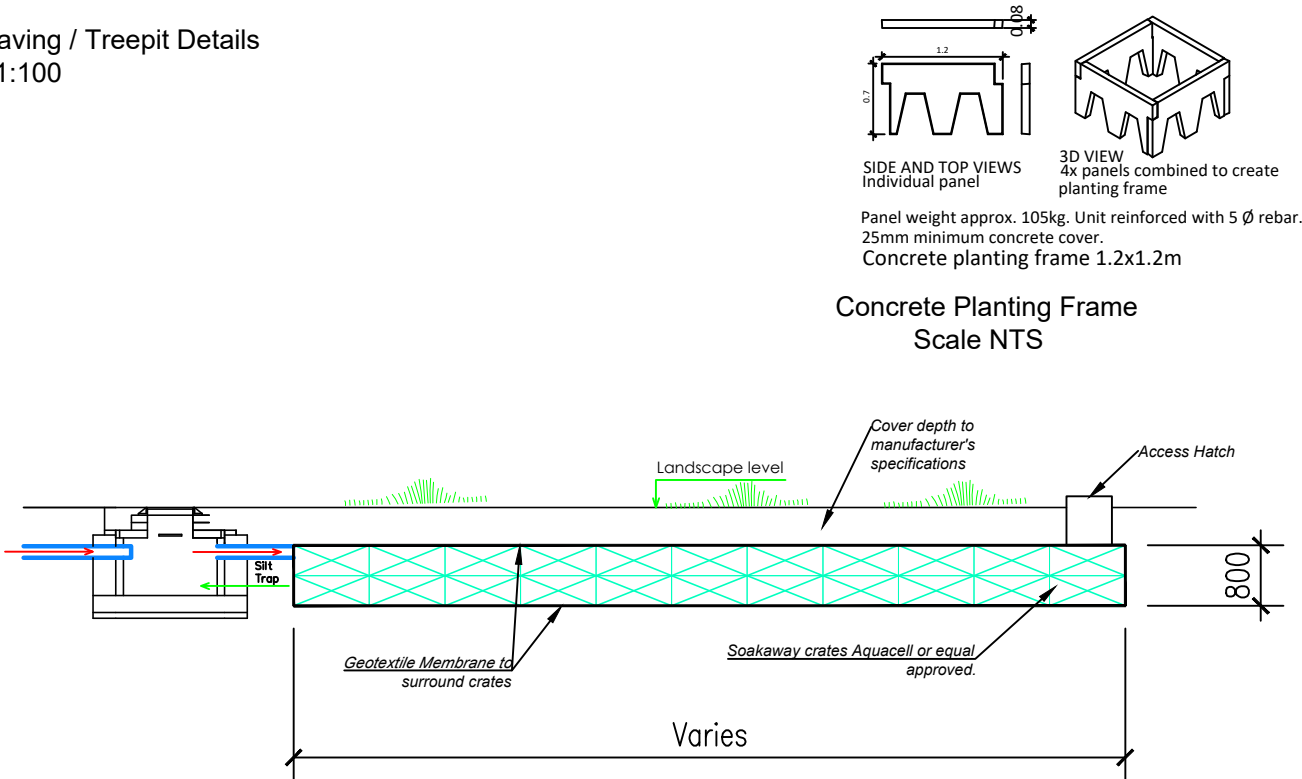
Bioretention Area #1
Scale 1:75



Bioretention Area
13.3*3*1.35m deep
Overall design to 1% AEP



Permeable Paving / Treepit Details
Scale 1:100



Soakaway Crate Details
Scale 1:100

The Safety, Health, and Welfare at Work (Construction) Regulations 2006-2020

Notice to Client: The Client's attention is drawn to the above regulations and the legal obligations contained therein. The Client's responsibilities include, but are not limited, to the following:

The client must appoint, in writing, a Project Supervisor for the Design Process (PSDP) prior to the design phase of a project.

The Client must appoint, in writing, a Project Supervisor for the Construction Stage (PSCS) prior to any construction work being carried out.

The PSDP and PSCS must be suitably qualified to undertake their respective requirements.

The Client must receive, in writing, the acknowledgement of appointment of the PSDP and PSCS. All safety files and method statements must be kept by the client during and after the construction stage. The Client must notify the Health and Safety Authority where the construction works will take more than 300 person days, or take longer than 30 days.

DO NOT SCALE FROM DRAWINGS. ANY DISCREPANCIES TO BE REPORTED TO TEICNIUIL-PRIORY CONSULTING ENGINEERS. ALL DIMENSIONS AND LEVELS TO BE VERIFIED ON SITE.

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A	17.12.25	Layout	JON	MC
Rev	Date	Revision	Drwn	chkd

issue for: Planning

ENGINEERING
SURVEYING
ARCHITECTURE

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Project Title:
New Development at
Ardshanavooley, Killarney

Drwg Title:
SUDs Details (1)

Drwn by:	JON	Date	Sept 2025
chkd by:	MC	Date	Sept 2025

Job No:	Scale	paper size
91-24	1:75 / 100 / nts	A3

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91-24-1-800		1 / 1	A