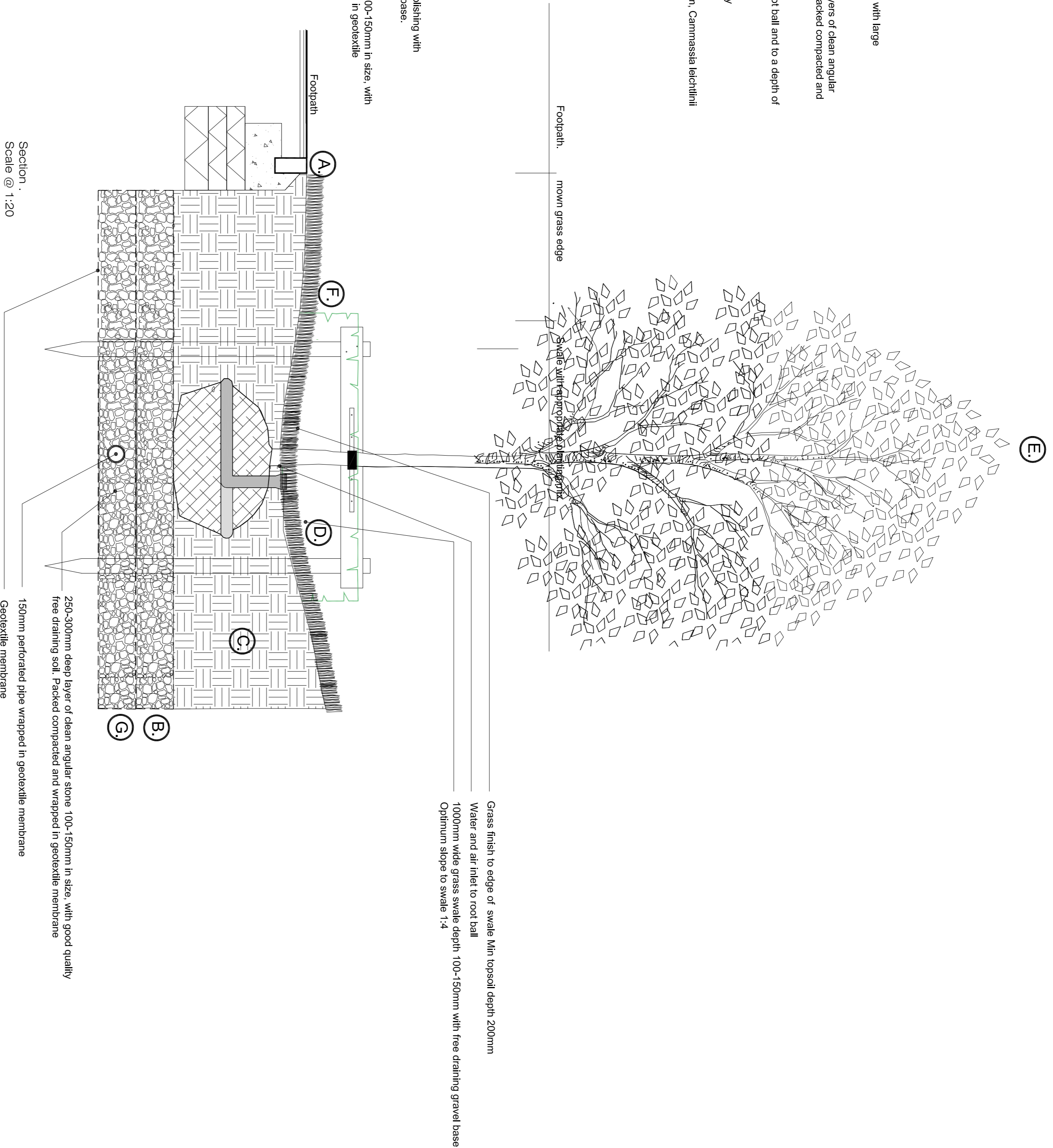


Surface water retention system with source water polishing.

- (A)** Surface water inlet and commencement point of water polishing with large items being removed as water passes through grille.
- (B)** At source water polishing filter made up of 250-300mm deep layers of clean angular stone 100-150mm in size, with good quality free draining soil. Packed compacted and wrapped in terram membrane, to enhance water quality.
- (C)** Imported high quality free draining topsoil to surround of tree root ball and to a depth of 450mm to sustain plant growth.
- (D)** Plant species to enhance biodiversity and provide visual amenity.
- (E)** Bulb species and pollinators:
 Allium sphaerocephalon, Dutch Crocus, Nectaroscordum sticticum, Camassia leichthni
 Ailbhe, Camassia quamash, Camassia leichthni caerulea.
- (F)** Meadow mix:
 Boragin
 Leucanthemum vulgare
 Rhinanthus minor
 Ornamental grass:
 Luzula nivea

- (E)** Tree species include
 Pyrus 'Orantheer'
 Liquidambar styraciflua
 Fagus 'Dawycks Purple'
 Fagus 'Dawycks Gold'
- (F)** Swale surface water inlet, and commencement point of water polishing with water filtration through grass and topsoil to free draining gravel base.
- (G)** 2 Nr. Layers of 250-300mm deep layer of clean angular stone 100-150mm in size with good quality free draining soil. Packed compacted and wrapped in geotextile membrane



Section .
Scale @ 1:20

D 01 LD-01-CE Footpath side Swale.
Scale @ 1:20

Rev.	Date	Note
01.	00/00/0000	TBC



General Notes



Project Name		Drawing Name	
No. 1 Adamstown Boulevard		Swale details	
Status	Compliance	Drawing No.	LD-02-CE
Project No.	21-038	Revision No.	00
Scale	1:20	Drawn By	D OT
Date	11/07/2024	Checked By	DKOT
Lead Designer	Doyle & O'Trot High	Office Address	200/202 St Albans Rd, Dublin 2
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