

Surface water retention system with source water polishing.

- A** Precast concrete kerb with 300mm wide surface water inlet and commencement point of water polishing
- 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 non-woven permeable geotextile membrane.
- 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 sphaerocephalum, Dutch Crocus, *Nectaroscordum siculum*, *Camassia leichlinii*, *Alba*, *Camassia quamash*, *Camassia leichlinii caerulea*.
 Wildflower mix.
 Borage
Leucanthemum vulgare
Rhnanthus minor
 Ornamental grass.
Luzula nivea
- F** Roadway: 1mtr mown grass edge

- E** Tree species include
Pyrus Chantidee
Liquidambar styraciflua
Fagus Davays Purple
Fagus Davays Gold
- F** Swale surface water inlet, and commencement point of water polishing with water filtration through grass and topsoil to free draining gravel base. Level at swale access point to be equal or lower than the hand surface.



Section.
Scale @ 1:20

D 02 LD-01-CS Front elevation Grass Swale.
Scale @ 1:20



Leucanthemum vulgare



Camassia quamash



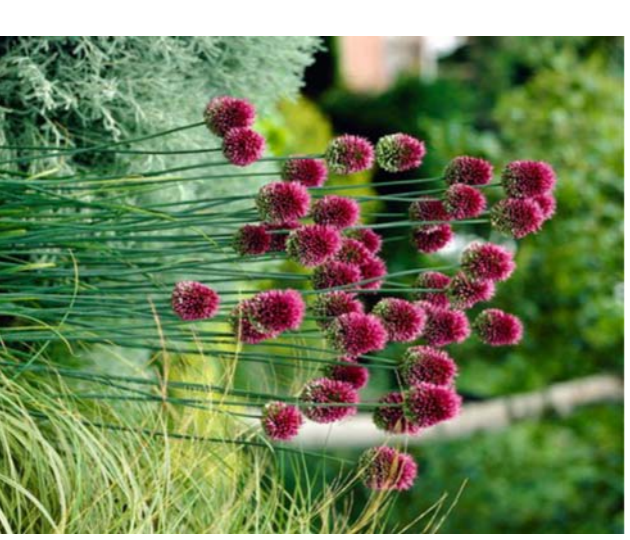
Camassia leichlinii Alba



Dutch crocus



Luzula nivea



Allium sphaerocephalum



Borage



Camassia leichlinii Alba



Camassia leichlinii caerulea



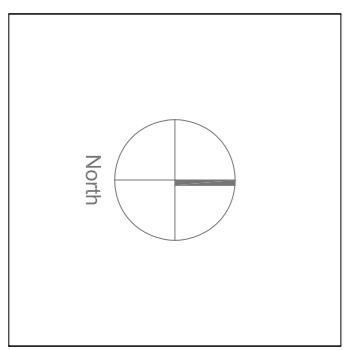
Nectaroscordum siculum



Rhnanthus minor

D 01 LD-01-CS Grass Swale.
Scale @ 1:20

Rev.	Date	Note
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General Notes

Project Name: **Avonrig Phase 3**
 Drawing No: **LD-01-CS**
 Status: **Completion**
 Project No: **17-064**
 Scale: **1:25**
 Date: **23-05-2023**
 Drawn By: **DAOT**
 Checked By: **DOT**
 Title: **Doyle & O'Troighin Landscape Architecture**
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Avonrig Phase 3	Landscape SURS Details
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