

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) AI 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

Bulb species and pollinators.
Allium sphaerocephalon, Dutch Crocus, *Nectaroscrodum siculum*, *Cammassia leichtlinii* 'Alba', *Cammassia quamash*, *Cammassia leichtlinii caerulea*.

Wildflower mix.
 Borage
Leucanthemum vulgare
Rhinanthus minor

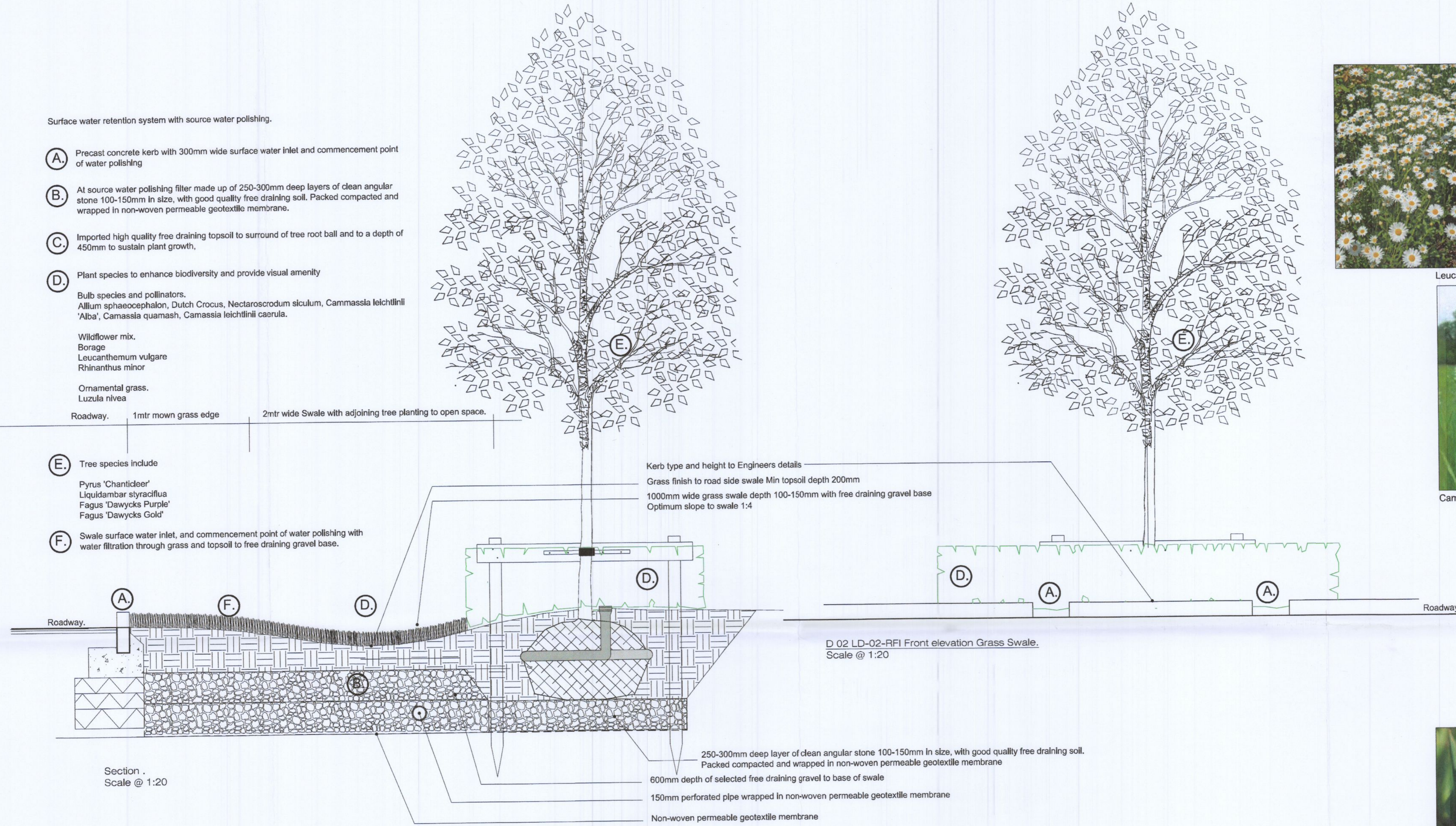
Ornamental grass.
Luzula nivea

Roadway. 1mtr mown grass edge 2mtr wide Swale with adjoining tree planting to open space.

(E) Tree species include

Pyrus 'Chanticleer'
Liquidambar styraciflua
Fagus 'Dawycks Purple'
Fagus 'Dawycks Gold'

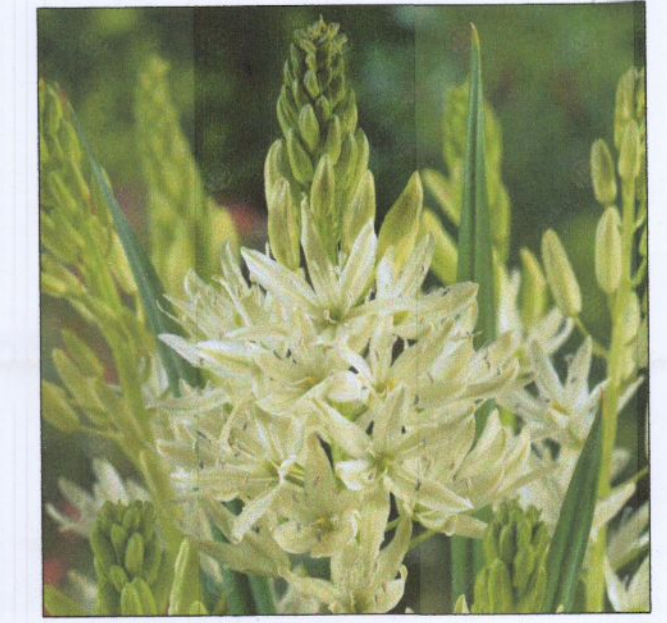
(F) Swale surface water inlet, and commencement point of water polishing with water filtration through grass and topsoil to free draining gravel base.



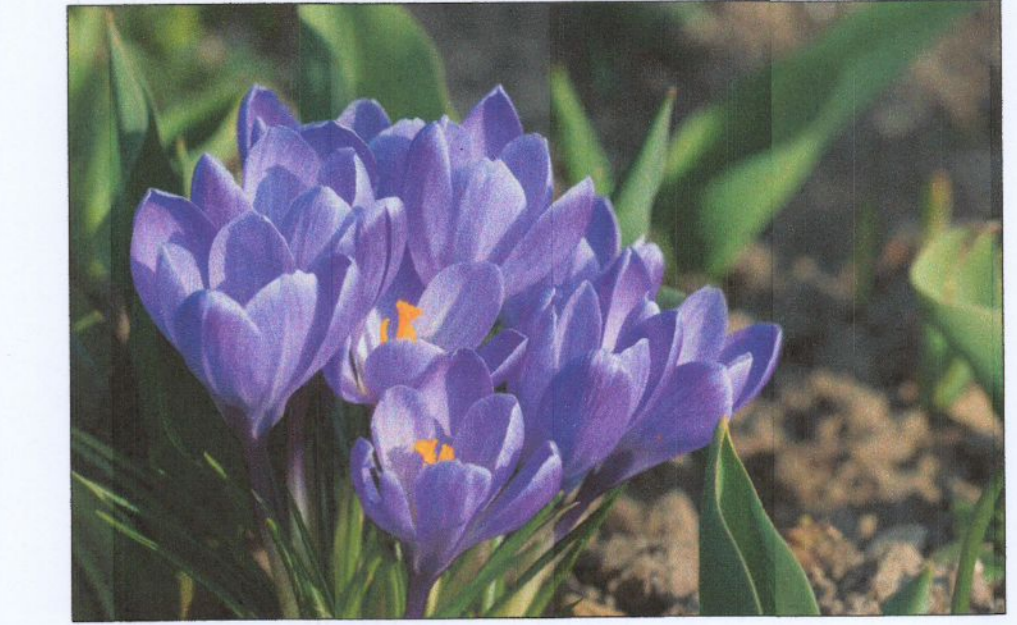
Leucanthemum vulgare



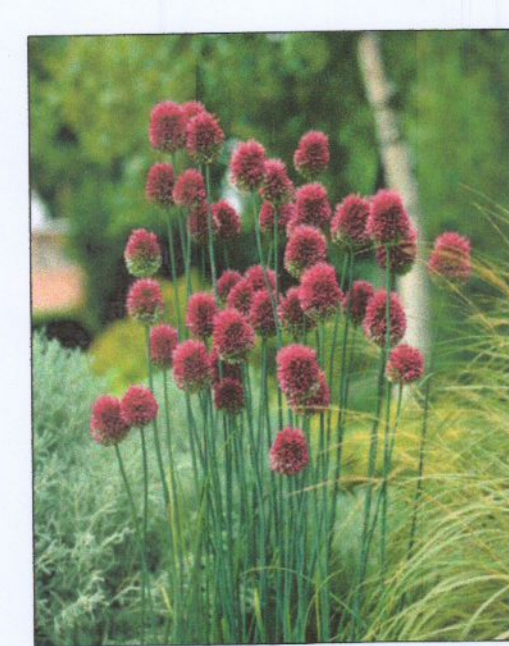
Cammassia quamash



Cammassia leichtlinii 'Alba'



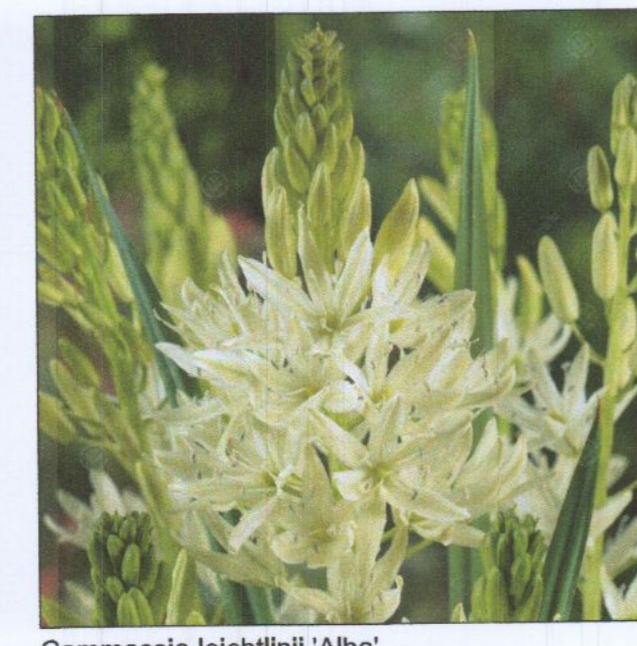
Dutch crocus



Allium sphaerocephalon



Borage



Cammassia leichtlinii 'Alba'



Cammassia leichtlinii caerulea



Nectaroscrodum siculum

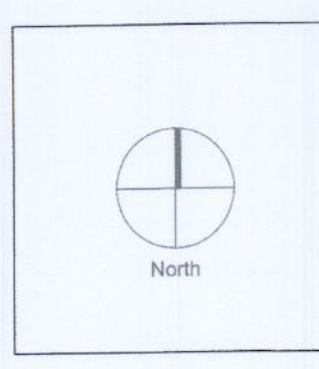


Rhinanthus minor



Luzula nivea

Rev.	Date	Note
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General Notes

Project Name: Tandy's Lane Village Phase 2
 Drawing Name: Grass swale detail
 Status: Request for Additional Information
 Drawing No: LD-02-FI
 Project No: 19-044
 Revision No: 00
 Scale: 1:20
 Date: 15/07/2022
 Drawn By: KGR
 Checked By: DOT

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