

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

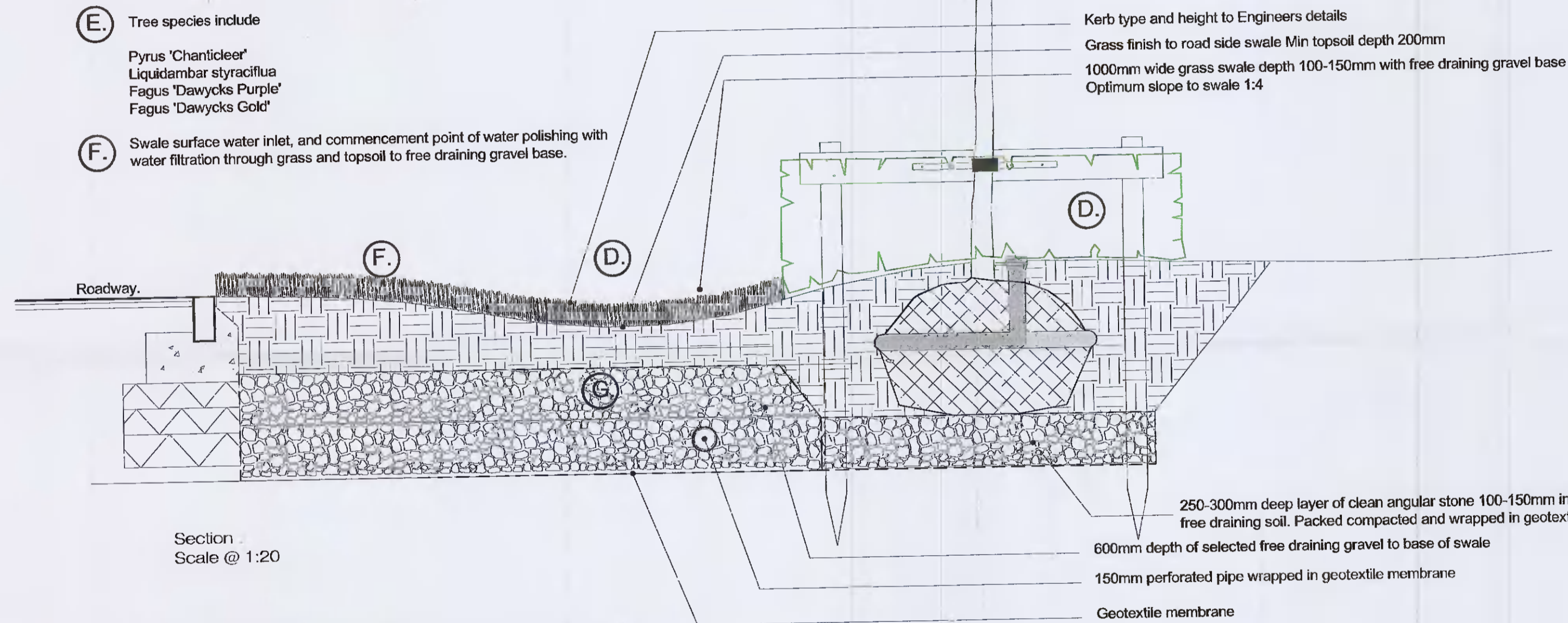
Bulb species and pollinators.
Allium sphaerocephalon, Dutch Crocus, *Nectaroscrodum siculum*, *Cammassia leichtlinii* 'Alba', *Cammassia quamash*, *Cammassia leichtlinii* caerulea.

Wildflower mix.
 Borage
Leucanthemum vulgare
Rhinanthus minor

Ornamental grass.
Luzula nivea

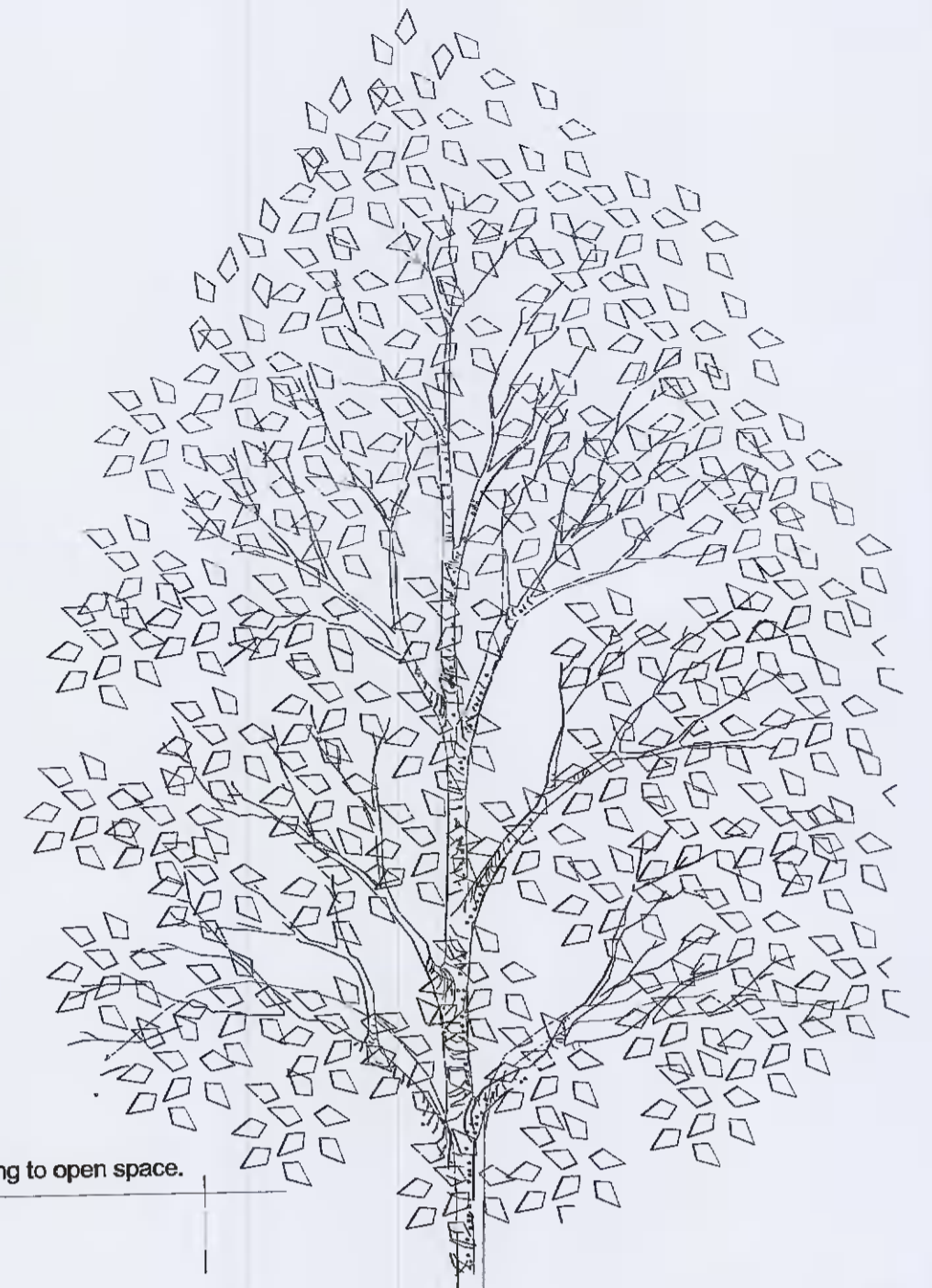
Roadway. 1mtr mown grass edge 2mtr wide Swale with adjoining tree planting to open space.

- (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.



- (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

D 01 LD-07-PP Grass Swale.
 Scale @ 1:20



Leucanthemum vulgare



Cammassia quamash



Cammassia leichtlinii 'Alba'



Dutch crocus



Allium sphaerocephalon



Borage



Cammassia leichtlinii 'Alba'



Cammassia leichtlinii caerulea



Nectaroscrodum siculum

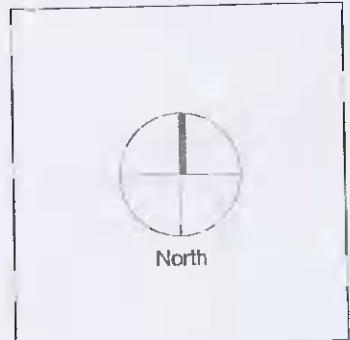


Rhinanthus minor



Luzula nivea

Rev.	Date	Note
00	0000-00-00	00



General Notes



Project Name Tandy's Lane Village Phase 2	Drawing Name Landscape SUDS Details
Status Planning	Drawing No LD-07-PP
Project No 19-044	Revision No 00
Scale 1:25	Drawn By KGR
Date 15/03/2022	Checked By DOT
Linda Doyle Director +353 (0)1 287 4100 linda@doyle-otroithigh.com	Doyle O'Troithigh Director +353 (0)1 287 3400 doyle@doyle-otroithigh.com
Office Address Preston House 26-28 Upper Pembroke St Dublin 2	Contact mike@doyle-otroithigh.com +353 (0)1 608 7702