

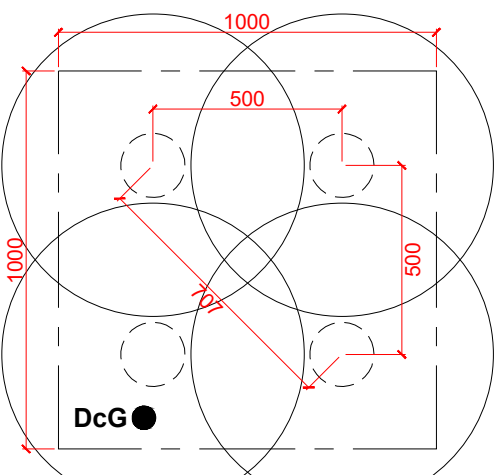
Name					Details			Specification		
Code	Image	Species	Common Name	Notes	Ultimate height / spread (m)	Ecological Value	Pot size	Planting Density	% Mix	
Grasses										
Cac		<i>Calamagrostis x acutiflora</i> 'Karl Foerster'	feather reed grass 'Karl Foerster'	Flowers: Summer Type: Deciduous grass Foliage: Deciduous Conditions: Full sun or partial shade	Form: Tufted H: 1-1.5 S: 0.5-1		2L pot	4 pots per m2	10	
DcG		<i>Deschampsia cespitosa</i> 'Goldtau'	Tufted hair grass	Flowers: Summer Type: Tufted grass Foliage: Evergreen Conditions: Full sun or partial shade	Form: Bushy H: 0.5 - 1 S: 0.5 - 1		2L pot	4 pots per m2	10	
Lus		<i>Luzula sylvatica</i>	great wood-rush	Flowers: Summer Type: Tufted grass Foliage: Evergreen Conditions: Full sun to full shade	Form: Clump forming H: 0.8 S: 1-1.5		2L pot	4 pots per m2	10	
Herbaceous Perennials										
APR		<i>Astilbe</i> 'Purple Rain' <i>PBR</i> (x <i>_arendsii</i> _)	Chinese astilbe 'Purple Rain'	Flowers: Summer Type: Rhizomatous herbaceous perennials Foliage: Deciduous Conditions: Full sun or partial shade	Form: Vigorous Clump-forming H: 0.6 S: 0.1-0.5		2L pot	9 pots per m2	10	
Soff		<i>Stachys officinalis</i> 'Hummelo'	betony 'Hummelo'	Flowers: Early-mid summer Type: Perennial Foliage: Semi-evergreen Conditions: Full sun or partial shade	Form: Clump forming H: 0.5-1 S: 0.1-0.5		2L pot	9 pots per m2	10	
Pb		<i>Persicaria bistorta</i>	common bistort	Flowers: June-September Type: Herbaceous perennial Foliage: Semi-evergreen Conditions: Full sun to partial shade	Form: Clump-forming H: 0.5-1 S: 0.5-1		2L pot	9 pots per m2	10	
HL		<i>Hemerocallis</i> 'Liljaasp' <i>hodieus</i> 'yellow daylily'	yellow daylily	Flowers: Summer Type: Herbaceous perennial Foliage: Deciduous Conditions: Full sun	Form: Clump-forming H: 0.5-1 S: 0.5-1		2L pot	4 pots per m2	10	
Groundcover										
Evs		<i>Epimedium x versicolor</i> 'Sulphureum'	barrenwort 'Sulphureum'	Flowers: Spring Type: spreading perennial Foliage: Semi-evergreen Conditions: Full shade / partial shade	Form: Mat forming H: 0.35 S: 0.35		9cm pot	9 pots per m2	15	
Pd		<i>Phlox douglasii</i> 'Boothman's Variety'	phlox 'Boothman's Variety'	Flowers: Late spring/summer Type: rhizomatous perennial Foliage: Evergreen Conditions: Full sun to partial shade	Form: Clump forming, trailing Columnar/upright H: 0.4 S: 0.1-0.5		2L pot	4 pots per m2	15	
Bulbs (bulbs to be planted across 40% of the planting area)										
Np		<i>Narcissus papayracus</i> (13)	paper-white daffodil	Flowers: Winter / Early spring Type: perennial bulb Foliage: Deciduous Conditions: Full sun or partial shade	Form: Narrow clump H: 0.35 S: 0.1		Planting depth: 100mm	50 bulbs per m2	25	
Aaa		<i>Allium offatunense ambig</i>	Allium	Flowers: Late spring / early summer Type: perennial bulb Foliage: Deciduous Conditions: Full sun o partial shade	Form: Narrow clump H: 0.5-1 S: 0.1-0.5		Planting depth: 150mm	25 bulbs per m2	25	
CIA		<i>Camassia leichtlinii</i> 'Alba'	Californian white-flowered quamash	Flowers: Late spring Type: Bulbous perennial Foliage: Deciduous Conditions: Full sun / partial shade	Form: Upright H: 0.5 - 1m S: 0.1 - 0.5m		Planting depth: 80mm	25 bulbs per m²	25	
Nsi		<i>Nectaroscordum siculum</i>	Sicilian honey garlic	Flowers: Early summer Type: Bulb Foliage: Deciduous Conditions: Full or partial shade	Form: Clump forming H: 0.2m S: 0.1		Planting depth: 150mm	25 bulbs per m2	25	

S3

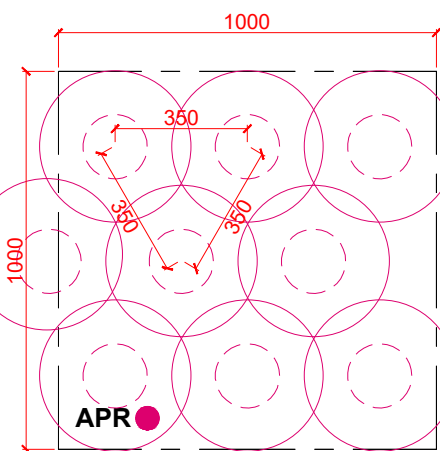
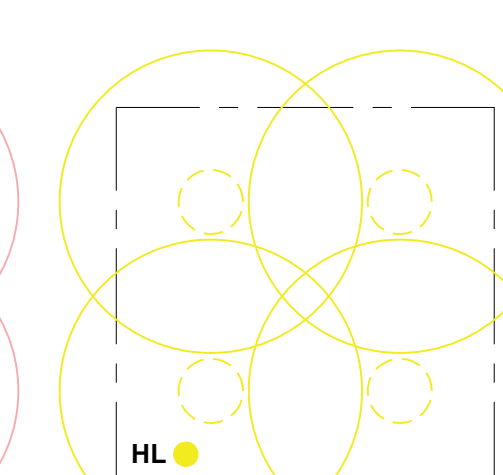
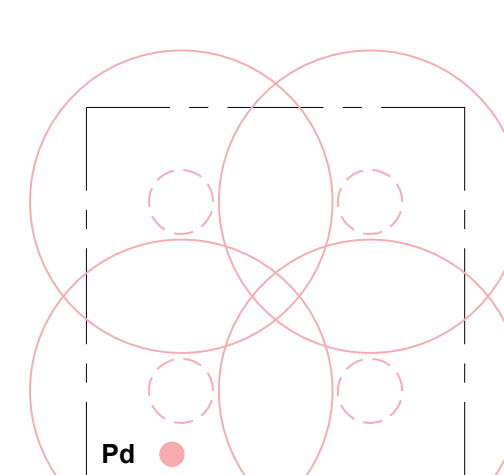
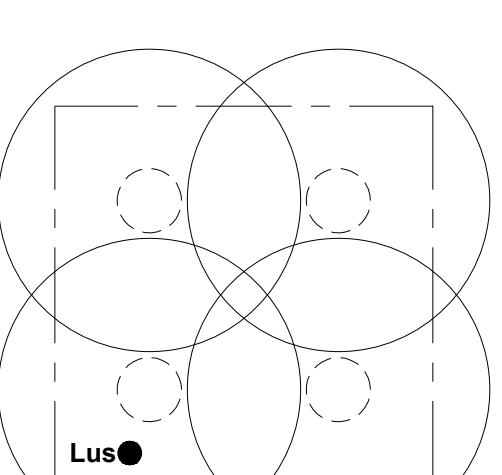
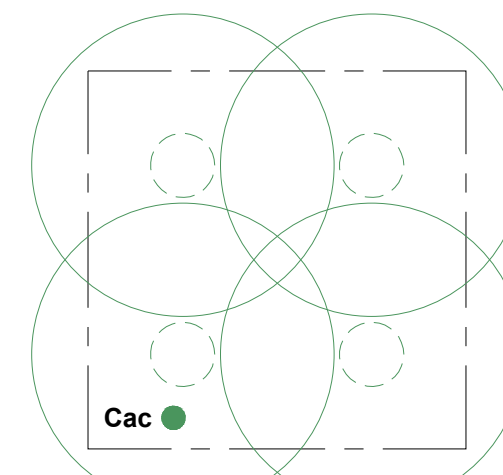
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S3 - Raingardens mix - Planting Specification

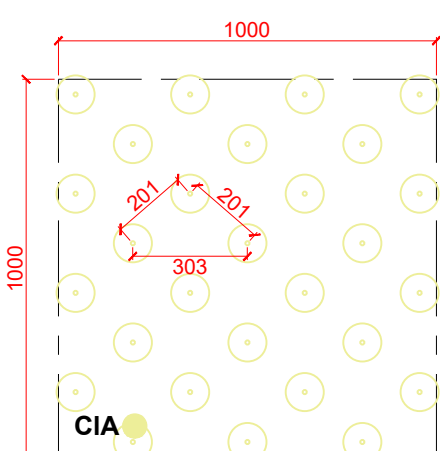
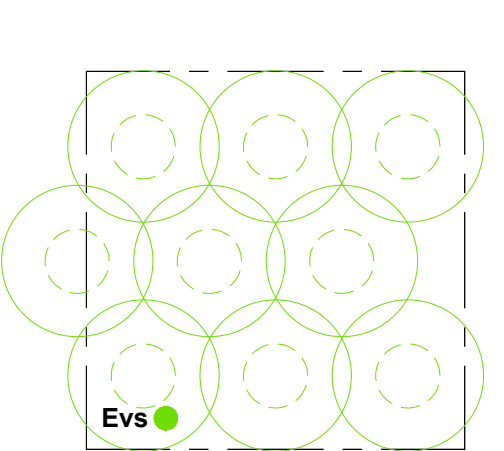
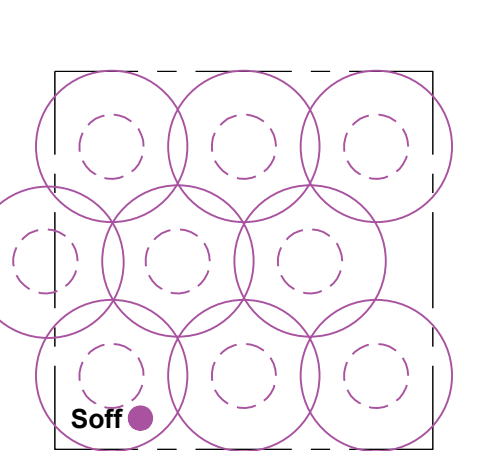
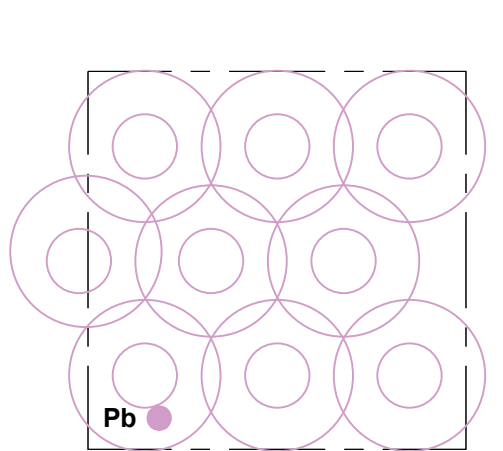
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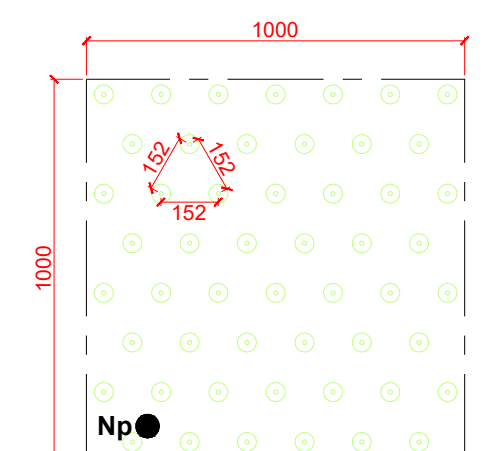
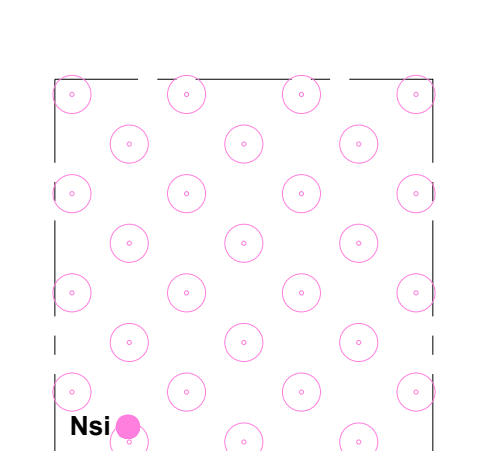
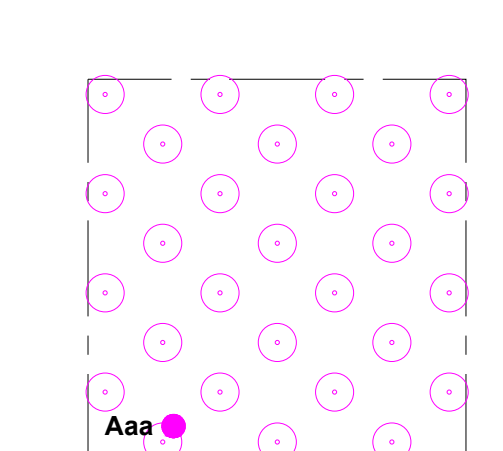
4 plants /m2
Codes: DcG, Cac, Lus, Pd and HL (medium perennials and grasses)



9 plants /m2
Codes: APR, Pb, Soff and Evs (small perennials and ground covering plants)



25 plants /m2
Codes: CIA, Aaa and Nsi (medium bulbs)



50 plants /m2
Codes: Np (small bulbs)

S2

sheet

S2: Raingarden Mix - Planting Densities

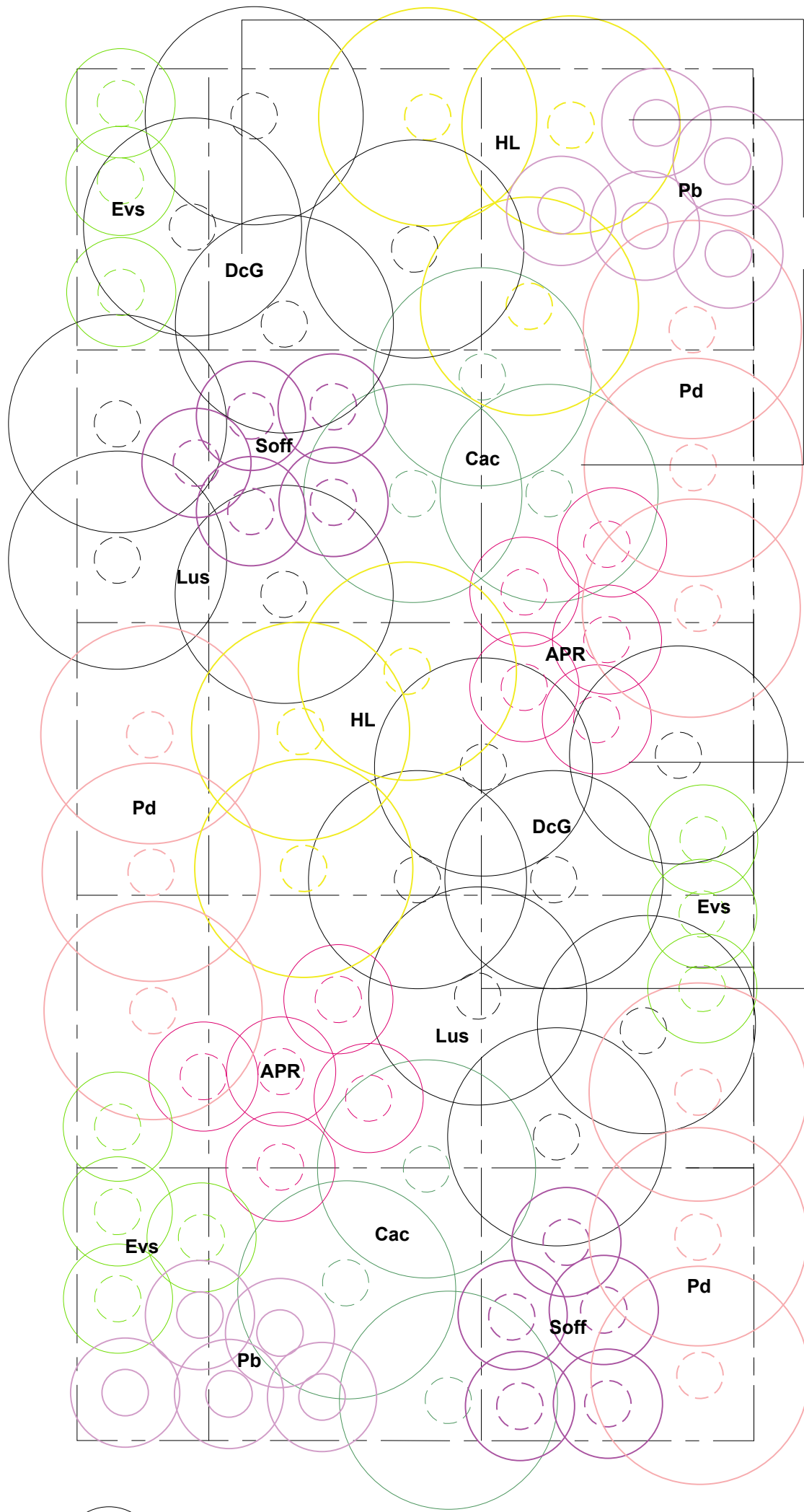
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S2

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S2: Raingarden Mix - Typical planting plan

Scale: 1 : 20



Plants that prefer wetter conditions to be preferentially located at inlets

Species groups to be interspersed to create variety across the planting area

All pots to be planted in species groups of minimum of 3 of the same species

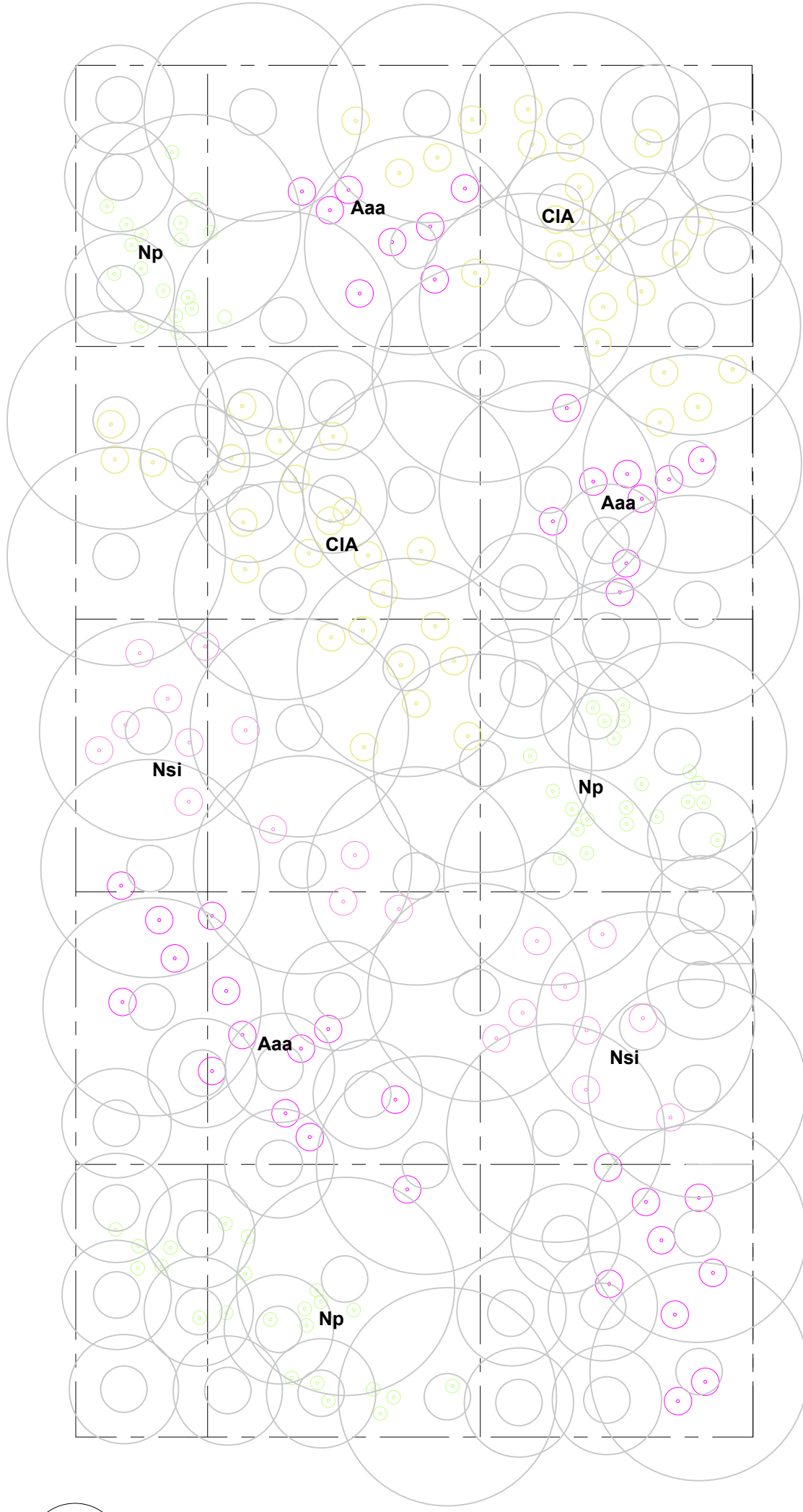
Taller grasses (Lus, Cac and DcG) to be positioned in the center of the bed

S2

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S2: Raingarden Mix - Typical planting plan (bulbs)

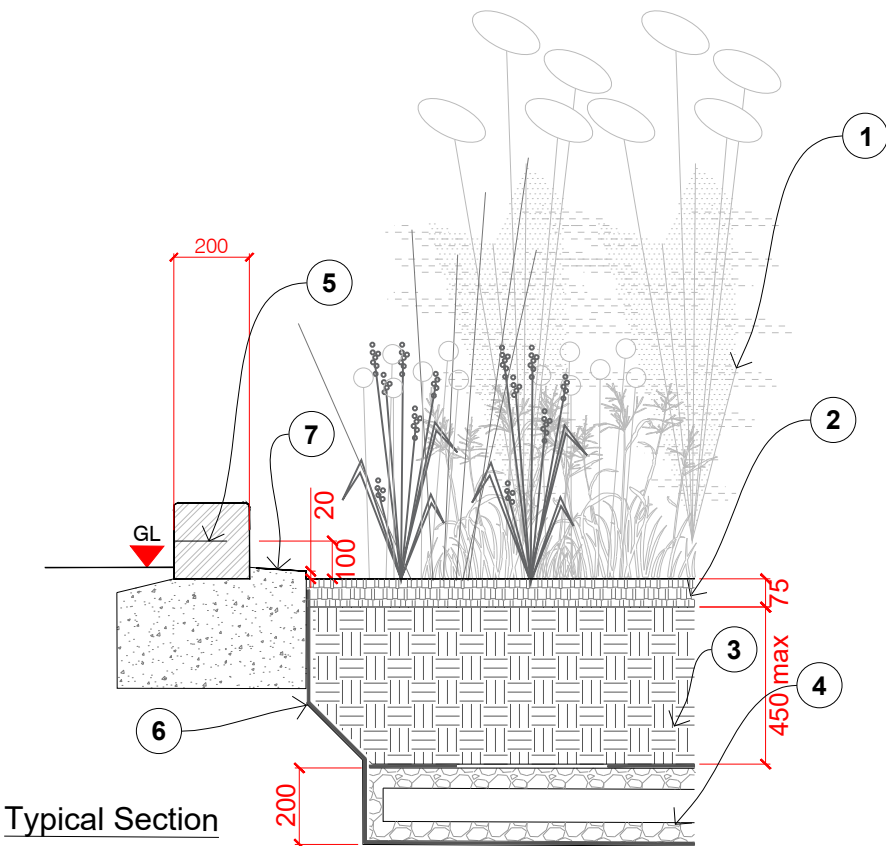
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Typical section through rain garden edge

Detail:

1. S3 Planting mix to rain gardens. Refer to GA for location(s) and planting tables for species, size and density.
2. 75mm layer of bark mulch.
3. Backfill with clean, weed free, free draining approved imported composite topsoil min 400mm -max 450 mm consolidated depth placed in 150mm layers and lightly consolidated. Plant shrubs incorporating 450g ENmag (Scotts professional Tel: 01473 2011050 Or equal approved) , 200 L peat free compost and 100 L LECA granules ensuring that free draining backfill connects full depth with drainage layer. Top soil and all additives to be handled in suitable weather conditions and protected once placed. Refer to Landscape specification for further information.
4. Drainage layer - Refer to Civil Engineers information.
5. castellated kerb refer to civil engineers information.
6. Non woven, needle punched polypropylene geotextile to BS EN 13252:2014 to provide separation between rain garden filter medium and drainage layer.
7. Concrete haunching to E4 kerb to be exposed and provide 20mm upstand to mulch.



Typical Section

Note: Refer to GA for location(s) and planting tables for species, size and density

S3

sheet

Typical Section Rain Garden Edge

Scale: 1:20

NOTES

1. This drawing is to be read in conjunction with all other drawings and specifications.
2. Do not scale off this drawing. Written dimensions to be taken only.
3. Any discrepancies found between this drawing and other drawings and specifications in the construction documents must be referred to the Landscape Architect prior to work commencing.
4. This drawing must not be copied in whole or in part without prior written consent of Optimised Environments Ltd.
5. Survey information is based upon aspect surveyors Topographical as Survey.

KEY PLAN

02	Drawing updated Issued for Planning	nt	29.01.25
01	Issued for Planning	nt	29.11.24
-	First Issue - Issued for information	nt	09.08.24
Issue	Revision	Initial	Date

open

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Client
Monaghan County Council

Project
Dublin Street North

Monaghan

Drawing Title
DETAILS

Soft Landscape Planting 02

Scale Bar
0.2m 0.4m 0.6m 0.8m 1.0m

Scale: 1:20@A1 Date: AUGUST 2024

By: bs Status: PLANNING

Checked: nt Approved: bp

Drawing Number
DBL-OPE-ZZ-XX-DR-L-902202 Rev
02

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