



Planting Plan Key

Site Boundary

Underground Attenuation Tanks with 5m Easement
Please refer to engineer's proposals.

PROPOSED INFORMAL BARK MULCH FOOTPATH
600mm wide please refer to details

EXISTING TREE retained with **TREE ROOT PROTECTION AREA** for existing trees

PROPOSED TREES
AI Amelanchier lamarckii
Bp Betula pendula
PC Pyrus calleryana 'Chanticleer'
Te Tilia x europaea

UNDERGROUND GUYING FIXING SYSTEM
Refer to construction details and specifications.

TRIPLE TIMBER STAKE FIXING SYSTEM
with flexible ties and spacers.
Refer to construction details and specifications.

PROPOSED GEO-MEMBRANE / ROOT BARRIER

AMENITY SEEDED GRASS with scented clover
Flowering lawn mixture EL1 by Emorsgate or similar and approved.
• 80% grass mix, 20% wildflower
• 5% of this is small leaved white clover.

TURF TO BACK GARDENS
WFT-Species-Rich-26 by Wildflower Turf or similar and approved.

WILDFLOWER MEADOW MIX GRASS
Mixture EM2 by Emorsgate or similar and approved.
Contains a mixture of EM2F (100% native wild flowers) combined with suitable grass seed mix. EG1 is the grass mix.

LINED RAIN GARDEN TYPE 1
Species mix:
• Anemone x hybrida 'Hononine Jobert'
• Bergenia 'Overture'
• Dryopteris dilatata
• Geranium 'Rozanne' AGM = 'Gerwat' (PBR)
• Helenium 'Moerheim Beauty'
• Helenium puberulum 'Autumn Lollipop'
• Helioleborus foetidus
• Lobelia cardinalis
• Osmunda regalis

LINED RAIN GARDEN TYPE 2
Species mix:
• Cornus sanguineum 'Midwinter Fire'
• Rosa canina
• Viburnum opulus
• Viburnum tinus
• Iris pseudacorus
• Carex pendula
• Molinia caerulea
• Calamagrostis x acutifolia 'Karl Foerster'
• Stipa arundinacea

UNLINED RAIN GARDEN TYPE 3
Meadow Mixture for wetlands M8 by Emorsgate or similar and approved.
• 80% grass mix, 20% wildflower

PROPOSED NATIVE SHRUB (75mm Bark Mulch)
Species mix:
Structural shrubs
• Corylus avellana (Hazel)
• Cornus sanguineum 'Midwinter Fire'
• Crataegus monogyna (hawthorn)
• Prunus spinosa (Blackthorn)
• Rosa Canina (Dog Rose)
• Viburnum opulus (guelder rose)
Ground cover species:
• Adiantum reptans
• Anemone nemorosa
• Anthemist tinctoria
• Campanula carpatica
• Centaurea ruber
• Engerion sp.

PROPOSED HEDGE (75mm Bark Mulch)
Native non-thorny hedge mix:
• Acer campestre
• Cornus sanguinea
• Euonymus europaeus
• Lonicera periclymenum
• Sambucus nigra
• Viburnum opulus

NOTE

Existing Trees to be kept and protected during works as per Arboriculturist's Report.

Schedule

Tree - Semi mature Trees
Semi mature trees surrounded by soft landscape, to be underground gaved.
Trees on planting pit surrounded by hardscaping planted on underground planting structure system and tree pits enveloped with tree root protection geotextile membrane. Trees supplied with irrigation and aeration pipes. Trees fixed as per planting system suppliers instructions.
Tree pit size 2400 x 2400 x 750mm deep or shaped within the soft bed area to equivalent soil volume.

Ref	Species	Girth/Dia (cm)	Height (cm)	Root zone	Spec
Pc1	Pyrus calleryana 'Chanticleer'	20-25	500-650	RB	3x SM, min 200cm clear stem
Te1	Tilia cordata	20-25	500-650	RB	3x SM, min 200cm clear stem

Tree - Extra Heavy Standard
Tree pits on soft landscape
5000mm Ø at the top and 4000mm Ø at the bottom of the pit
300mm deep approved topsoil over 600mm approved subsoil feathering out as detail- pit drainage layer TBC subject to site conditions with 75mm thick bark mulch to 1200mm diameter around tree.
Trees supplied with irrigation and aeration pipes. Trees triple staked with adjustable ties.

Ref	Species	Girth/Dia (cm)	Height (cm)	Root zone	Spec
AI	Amelanchier lamarckii	14-16	425- 600	RB	3x EH&S, 175 - 200cm clear stem
Bp	Betula pendula	14-16	425- 600	RB	3x EH&S, 175 - 200cm clear stem
Pc2	Pyrus calleryana 'Chanticleer'	14-16	400- 450	RB	3x EH&S, 175 - 200cm clear stem
Te2	Tilia cordata	14-16	400- 450	RB	3x EH&S, 175 - 200cm clear stem

Rain Garden type 1 Approx. m²

%	Species	Size (cm) / Root Zone	Spacing (no. per m ²)	Spec
12	Anemone x hybrida 'Hononine Jobert'	30-40, 2L	3	Full pot
12	Bergenia 'Overture'	30-40, 2L	6	Full pot
12	Dryopteris dilatata	30-40, 2L	6	Full pot
12	Geranium 'Rozanne' AGM = 'Gerwat' (PBR)	40-50, 2L	3	Full pot
6	Helenium 'Moerheim Beauty'	50-60, 2L	3	Full pot
6	Helenium puberulum 'Autumn Lollipop'	50-60, 2L	3	Full pot
5	Helioleborus foetidus	40-50, 2L	3	Full pot
15	Lobelia cardinalis	50-60, 2L	6	Full pot
20	Osmunda regalis	60-80, 3x 9cm pot	3	Full pot

Rain Garden type 2 Approx. m²

%	Species	Container Size (Lit)	Spacing (no. per m ²)	Spec
10	Cornus sanguinea 'Midwinter Fire'	60-80 cm 3-4L PG	3	Branched; 4 breaks
10	Rosa canina	40-60 cm 3-4L PG	3	Branched; 5 breaks
10	Viburnum opulus	60-80 cm 10L PG	3	Branched; 4 breaks
10	Viburnum tinus	60-80 cm 5L PG	3	Bushy; 7 breaks
10	Iris pseudacorus	2L PG	5	Full pot; Sept to Apr planting; British native-origin
10	Carex pendula	3-4L PG	3	Full pot; Sept to Apr planting; British native-origin
10	Molinia caerulea	3-4L PG	3	Full pot; Sept to Apr planting; British native-origin
10	Calamagrostis x acutifolia 'Karl Foerster'	3-4L PG	3	Full pot
20	Stipa arundinacea	3-4L PG	4	Full pot

Native Shrub - Structural shrubs

%	Species	Size (cm) / Root Zone
20	Corylus avellana	60-80, 5L, branched 4 brks
20	Cornus sanguinea 'Midwinter Fire'	60-80, 3L, branched 5 brks
20	Crataegus monogyna	60-80, 5L, branched 4 brks
20	Prunus spinosa	60-80, 5L, branched 4 brks
10	Rosa Canina	60-80, 3L, branched 5 brks
10	Viburnum opulus	60-80, 5L, branched 4 brks

Native Shrub - Ground Cover Species

%	Species	Size (cm) / Root Zone
15	Adiantum reptans	10-20, 9cm pot
10	Anemone nemorosa	5 rhizomes
15	Anthemist tinctoria	30-40, 3 x 9cm pot
20	Campanula carpatica	10-20, 2L
20	Centranthus ruber	50-60, 2L
20	Engerion sp.	20-30, 3 x 9cm pot

Topsoil and subsoil specification in accordance with BS3882:2015 and BS 8601:2013

Hedge - Native Non-Thorny Hedge Mix

%	Species	Size (cm) / Root Zone	Spec
30	Acer campestre	60-80, B	1+1 transplant
10	Cornus sanguinea	60-80, B	1+2 transplant
20	Corylus avellana	60-80, B	1+1 transplant
10	Euonymus europaeus	40-60, B	1+1 transplant
5	Lonicera periclymenum	60-80, C	2L
5	Malus sylvestris	60-80, B	1+1 transplant
10	Sambucus nigra	60-80, B	1+1 transplant
10	Viburnum opulus	60-80, B	1+1 transplant

Double staggered row plants should be about 450mm apart. About 5-7 per metre if bare root, or 4-5 if container grown.

Bulb Planting
Bulbs to be planted into grass areas in drifts of same species.
Allow 100 plants to merge into each other and plant in S shapes
Positions: TBC- Allow for 60 m² bulb planting

%	Species	Density
15	Galanthus nivalis - Snowdrop	In drifts @ 100 bulbs / m ²
10	Narcissus - Welsh native	In drifts @ 100 bulbs / m ²
15	Crocus tommasinianus	In drifts @ 100 bulbs / m ²

- Planting for Rain gardens, Native Shrubs, Ground Cover, Bulbs**
- Plant Shrubs in swathes of 3-5 plants of the same species per group
 - Plant Perennials, Ground Cover and Bulbs in swathes of 6-10 plants of the same species per group
 - Shrubs+ Ground Cover to be planted in 300mm thick approved topsoil layer to BS 3882:2015 over 300mm sub-soil to BS 8601:2013
 - Plants fitted with shrub shelter where appropriate
 - Some smaller/thinner beds have reduced plant species
 - Beds to be mulched with 75mm amenity bark mulch

- Species Rich Lawn Turf**
- Species Rich Lawn Turf to be laid on 150mm approved cultivated topsoil to BS 3882:2015 over 250mm min approved sub-soil to BS 8601:2013 or to suppliers recommendation.

Rev	Description	Drawn	Checked	Date
1	Issued for construction			23.03.23
2	Revised after client meeting			23.03.23
3	Revised after client meeting			23.03.23
4	Revised after client meeting			23.03.23
5	Revised after client meeting			23.03.23
6	Revised after client meeting			23.03.23
7	Revised after client meeting			23.03.23
8	Revised after client meeting			23.03.23
9	Revised after client meeting			23.03.23
10	Revised after client meeting			23.03.23

Drawn	DW/AVT	Austin-Smith-Lord Ltd
Date	March 23	Architects Designers Planners
Scale	As indicated	Landscaping Architects
Status	Tender	one Deerpark Drive
		Croft
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		Drawings and models provided by
		Austin-Smith-Lord Ltd 800 using Autodesk Revit

Austin-Smith-Lord			
Project Overview Data			
Description: Planting Plan Schedule			
Job No:	Drawing No:	Revision:	72
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