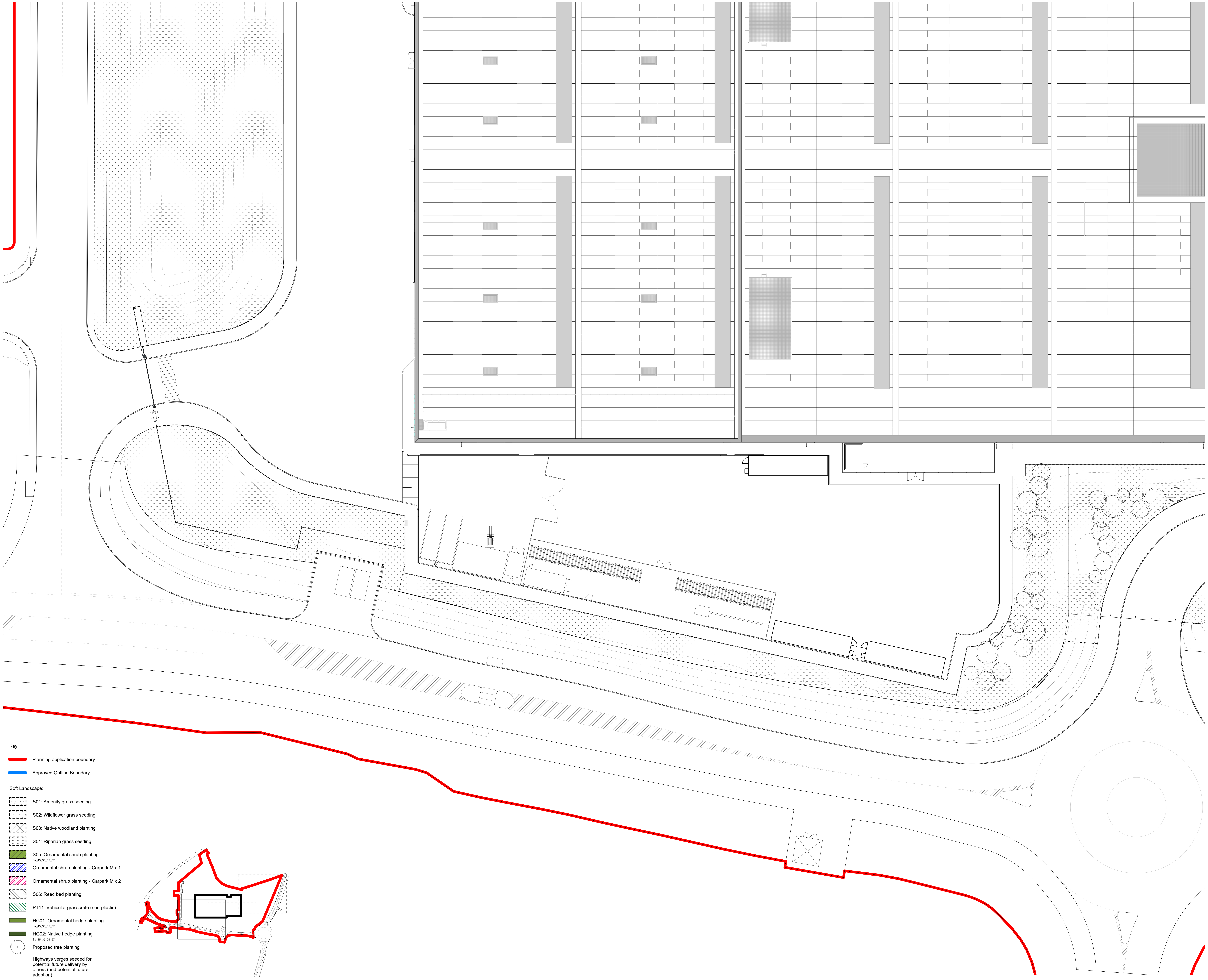

Key:

- 🟥 Planning application boundary
- 🟦 Approved Outline Boundary

Soft Landscape:

- ▨ S01: Amenity grass seeding
- ▨ S02: Wildflower grass seeding
- ▨ S03: Native woodland planting
- ▨ S04: Riparian grass seeding
- 🟩 S05: Ornamental shrub planting Ss_45_35_05_67
- ▨ Ornamental shrub planting - Carpark Mix 1
- ▨ Ornamental shrub planting - Carpark Mix 2
- ▨ S06: Reed bed planting
- ▨ PT11: Vehicular grasscrete (non-plastic)
- 🟩 HG01: Ornamental hedge planting Ss_45_35_05_67
- 🟩 HG02: Native hedge planting Ss_45_35_05_67
- ○ Proposed tree planting

Highways verges seeded for potential future delivery by others (and potential future adoption)

1 Soft Landscape Plan 05

1 : 200

PLANTING STRATEGY

S01: Amenity Grass Seeding - Total Area 708m²
EM3 Special General Purpose Meadow Mixture
This meadow mixture contains a very wide range of species. It may be used to create a very diverse sward where conditions vary across a site. It is also useful in situations where precise soil and site characteristics have not been established before sowing.

Composition
Wild Flowers 20%
0.40% Anthyllis vulneraria – Kidney Vetch, 1.60% Centaurea nigra – Common Knapweed, 0.60% Centaurea scabiosa – Greater Knapweed, 0.10% Chaerophyllum temulum – Rough Chervil, 0.40% Cruciata laevipes – Crosswort, 1.00% Daucus carota – Wild Carrot, 0.20% Echium vulgare – Viper's-bugloss, 1.00% Galium album – Hedge Bedstraw, 0.70% Galium verum – Lady's Bedstraw, 0.10% Geranium pratense – Meadow Crane's-bill, 0.80% Knautia arvensis – Field Scabious, 0.20% Lathyrus pratensis – Meadow Vetchling, 1.00% Leucanthemum vulgare – Oxeye Daisy, 2.40% Malva moschata – Musk Mallow, 0.60% Medicago lupulina – Black Medick, 0.40% Origanum vulgare – Wild Marjoram, 2.20% Plantago lanceolata – Ribwort Plantain, 0.40% Plantago media – Hoary Plantain, 2.00% Poterium sanguisorba ssp sanguisorba – Salad Burnet, 0.40% Primula veris – Cowslip, 0.20% Prunella vulgaris – Selfheal, 1.40% Rhinanthus minor – Yellow Rattle, 0.20% Sanguisorba officinalis – Great Burnet, 1.00% Silene dioica – Red Campion, 0.20% Silene vulgaris – Bladder Campion, 0.30% Vicia cracca – Tufted Vetch, 0.20% Vicia sativa ssp. segetalis – Common Vetch
80% Grasses
8.00% Agrostis capillaris – Common Bent, 28.00% Cynosurus cristatus – Crested Dogstail, 24.00% Festuca rubra – Red Fescue, 4.00% Phleum bertolonii – Smaller Cat's-tail, 16.00% Poa pratensis – Smooth-stalked Meadow-grass

S02: Wildflower Grass Seeding - Total Area 12,065m²
EM5F Wild Flowers for loamy soils mix
A range of wildflowers and grasses once common in unimproved flower-rich lowland meadows. Loamy soils are medium textured soils: a mixture of clay, silt, and sand with none predominating. They are usually found in low lying areas developed from alluvium and other material, frequently over chalky or limestone bedrocks and so are often neutral to alkaline.

Composition
8.00% Achillea Millefolium – Yarrow, 6.00% Galium verum – Lady's Bedstraw, 6.00% Leucanthemum vulgare – Oxeye Daisy, 17.00% Malva moschata – Musk Mallow, 15.00% Plantago lanceolata – Ribwort Plantain, 2.00% Ranunculus acris – Meadow Buttercup, 1.00% Daucus carota – Wild carrot, 1.00% Primula versis – Cowslip, 1.00% Lotus corniculatus – Birdsfoot Trefoil, 1.50% Silene vulgaris – Bladder Campion, 7.00% Knautia arvensis – Field Scabious, 5.00% Rumex acetosa – Common Sorrel, 2.00% Agrimonia eupatoria – Agrimony, 1.00% Betonica officinalis – Betony, 0.50% Leontodon hispidus – Rough Hawkbit, 2.00% Vicia cracca – Tufted Vetch, 7.00% Rhinanthus minor – Yellow Rattle, 3.00% Ranunculus bulbosus – Bulbous Buttercup, 12.00% Centaurea nigra – Common Knapweed, 2.00% Lathyrus pratensis – Meadow Vetchling

S03: Native Woodland Planting - Total Area 3,791m²
Transplants planted in groups of 5-10 randomly off-centre from a 1.5 x 1.5m grid.
Feathered trees planted randomly off-centre from a 3 x 3m grid.
Ground to be weed free and prepared to a sufficient depth and width to ensure plants can be carefully planted with root system spread without being damaged. Each plant to have one supporting cane and shelter. No more than specified numbers of same species to be planted in any one group. Upon completion base of plant to be mulched to a depth of 50mm and to the width of 500mm

Tree Specification

Mix	Name	Form	Age	Height	Root	Qty
30%	Acer campestre – Field maple	Feathered	2x	1.25-1.5m	BR	125
10%	Alnus glutinosa – Black Alder	Feathered	2x	1.25-1.5m	BR	45
25%	Carpinus betulus – Hornbeam	Feathered	2x	1.25-1.5m	BR	105
15%	Prunus avium – Wild Cherry	Feathered	2x	1.25-1.5m	BR	60
20%	Quercus robur – English Oak	Feathered	2x	1.25-1.5m	BR	85

Shrub Specification

Mix	Name	Form	Age	Height	Root	Cntr	Qty
15%	Cornus sanguinea	Branched	1/2	60-80cm	BR		255
15%	Corylus avellana	Branched	1/2	60-80cm	BR		255
35%	Crataegus monogyna	Branched	1/2	60-80cm	BR		590
15%	Euonymus europaeus	Branched	1/2	60-80cm	BR		255
5%	Ilex aquifolium	Leader/Laterals		40-60cm	C	2L	85
5%	Rosa canina	Branched	1/2	60-80cm	BR		85
10%	Viburnum opulus	Branched	1/2	60-80cm	BR		170

S04: Riparian Grass Seeding - Total Area 1,193m²
EM8 Meadow Mixture for Wetlands
Contains species suitable for seasonally wet soils and is based on the vegetation of traditional floodplain and water meadows. Soils in wet meadows may flood for short periods in winter, but are usually well drained in summer.

Composition
Wild Flowers 20%
2.00% Achillea millefolium – Yarrow, 0.60% Agrimonia eupatoria – Agrimony, 3.60% Centaurea nigra – Common Knapweed, 1.00% Filipendula ularia – Meadowsweet, 2.00% Galium verum – Lady's Bedstraw, 0.20% Geum rivale – Water Avens, 0.50% Lathyrus pratensis – Meadow Vetchling, 0.10% Leontodon hispidus – Rough Hawkbit, 1.20% Leucanthemum vulgare – Oxeye Daisy (Moon Daisy), 0.10% Lotus corniculatus – Birdsfoot Trefoil, 0.40% Lotus pedunculatus – Greater Birdsfoot Trefoil, 3.20% Plantago lancelata – Ribwort Plantain, 0.20% Primula veris – Cowslip, 0.10% Prunella vulgaris – Selfheal, 0.40% Ranunculus acris – Meadow Buttercup, 1.40% Rhinanthus minor – Yellow Rattle, 1.20% Rumex acetosa – Common Sorrel, 1.00% Sanguisorba officinalis – Great Burnet, 0.30% Silene flos-cuculi – Ragged Robin, 0.10% Succisa pratensis – Devil's-bit Scabious, 0.40% Vicia cracca – Tufted Vetch
Grasses 80%
4.00% Agrostis capillaris – Common Bent (w), 4.00% Anthoxanthum odoratum – Sweet Vernal-grass (w), 1.60% Carex divulsa subsp. divulsa – Grey Sedge (w), 34.40% Cynosurus cristatus – Crested Dogstail, 1.60% Deschampsia cespitosa – Tufted Hair-grass (w), 20.00% Festuca rubra – Red Fescue, 4.00% Hordeum secalinum – Meadow Barley (w), 8.00% Poa trivialis – Rough-stalked Meadow-grass, 2.40% Schedonorus arundinaceus – Tall Fescue

S05: Ornamental Shrub Planting - Total Area 932m²

Shrub Specification
Indicative plant list, not exhaustive and subject to detail design. Quantities include plants within Carpark Mixes 1 & 2.

Name	Form	Height	Spec	Density	Qty
Amelanchier canadensis		44-60cm	3Lt	1/m²	20
Berberis thunbergii	Branched	30-40cm	3Lt	4/m²	140
Ceanothus thyrsiflorus 'Repens'	Bushy	30-40cm	3Lt	3/m²	105
Cornus alba 'Elegantisimma'	Branched	40-60cm	3Lt	2/m²	20
Cornus stolonifera 'Flaviramea'	Branched	40-60cm	3Lt	2/m²	30
Euonymus fortunei 'Dart's Blanket'	Bushy	30-40cm	3Lt	5/m²	310
Hebe rakaiensis	Bushy	20-30cm	3Lt	5/m²	250
Hedera hibernica		30-40cm		6/m²	845
Lavandula x intermedia	Bushy	20-30cm	3Lt	5/m²	205
Lonicera pileata	Bushy	30-40cm	5Lt	5/m²	50
Pittosporum tobira 'Nanum'	Bushy	20-30cm	3Lt	4/m²	245
Prunus laurocerasus 'Otto Luyken'	Bushy	40-60cm	3Lt	4/m²	50
Pyracantha 'Orange Glow'	Bushy	40-60cm	3Lt	3/m²	110
Spiraea japonica 'Magic Carpet'	Bushy	30-40cm	3Lt	4/m²	65
Viburnum opulus 'Compactum'	Bushy	40-60cm	3Lt	2/m²	45
Viburnum davidii	Bushy	30-40cm	3Lt	4/m²	180
Vinca minor		20-30cm	2Lt	5/m²	720

Carpark Mix 1

Name	Form	Height	Spec	Density
Ceanothus thyrsiflorus 'Repens'	Bushy	30-40cm	3Lt	3/m²
Euonymus fortunei 'Dart's Blanket'	Bushy	30-40cm	3Lt	5/m²
Hebe rakaiensis	Bushy	20-30cm	3Lt	5/m²
Hedera hibernica		30-40cm		6/m²
Lavandula x intermedia	Bushy	20-30cm	3Lt	5/m²
Pittosporum tobira 'Nanum'	Bushy	20-30cm	3Lt	4/m²
Prunus laurocerasus 'Otto Luyken'	Bushy	40-60cm	3Lt	4/m²
Viburnum davidii	Bushy	30-40cm	3Lt	4/m²
Vinca minor		20-30cm	2Lt	5/m²

Carpark Mix 2

Name	Form	Height	Spec	Density
Berberis thunbergii	Branched	30-40cm	3Lt	4/m²
Euonymus fortunei 'Dart's Blanket'	Bushy	30-40cm	3Lt	5/m²
Hebe rakaiensis	Bushy	20-30cm	3Lt	5/m²
Hedera hibernica		30-40cm		6/m²
Pittosporum tobira 'Nanum'	Bushy	20-30cm	3Lt	4/m²
Prunus laurocerasus 'Otto Luyken'	Bushy	40-60cm	3Lt	4/m²
Pyracantha 'Orange Glow'	Bushy	40-60cm	3Lt	3/m²
Viburnum davidii	Bushy	30-40cm	3Lt	4/m²
Vinca minor		20-30cm	2Lt	5/m²

Perennials & Grass Specification
Indicative plant list, not exhaustive and subject to detail design.

Name	Spec	Density	Qty
Deschampsia cespitosa	2Lt	5/m²	25
Miscanthus sinensis	2Lt	3/m²	15
Pennisetum alopecuroides	2Lt	5/m²	10
Stipa arundinacea	2Lt	5/m²	20

S06: Reed Bed Planting - Total Area 320m²

Shrub Specification
*Indicative plant list, not exhaustive and subject to detail design. * indicates shrubs to be planted closer to expected water's edge.*

Mix	Name	Height	Buds	Root	Cntr	Density
15%	Alopecurus geniculatus	10-15cm	3	C	3L	5/m²
5%	Caltha palustris *	10-15cm	3	C	3L	5/m²
15%	Carex aquatilis	10-15cm	3	C	2L	5/m²
15%	Carex riparia	10-15cm		C	3L	4/m²
15%	Eleocharis palustris	10-15cm	3	C	3L	5/m²
10%	Iris pseudacorus	10-15cm	3	C	3L	5/m²
5%	Lythrum salicaria 'Firecandle' *	10-15cm	3	C	3L	4/m²
10%	Phalaris arundinacea	10-15cm	3	C	2L	2/m²
10%	Sparganium erectum	10-15cm	5	C	3L	4/m²

HG01: Ornamental Hedge Planting
A double staggered row of 5no. plants per linear metre, 300mm apart. Ground to be weed free and prepared to a sufficient depth and width to ensure plants can be carefully planted with root system spread without being damaged. Each plant to have one supporting cane and shelter. No more than specified numbers of same species to be planted in any one group. Upon completion base of hedge to be mulched to a depth of 50mm and to the width of 500mm

Name	Form	Age	Height (cm)	Root	Qty
Fagus sylvatica – Common beech	Transplant	1/1	80-100	B	1950

HG02: Native Hedge Planting - Total Length 535m
A double staggered row of 5no. plants per linear metre, 300mm apart. Ground to be weed free and prepared to a sufficient depth and width to ensure plants can be carefully planted with root system spread without being damaged. Each plant to have one supporting cane and shelter. No more than specified numbers of same species to be planted in any one group. Upon completion base of hedge to be mulched to a depth of 50mm and to the width of 500mm

Mix	Name	Form	Age	Height	Root	Cntr	Qty
10%	Acer campestre – Field maple	Feathered	1/1	1.25-1.5m	BR		170
10%	Carpinus betulus - Hornbeam	Feathered	1/2	1.25-1.5m	BR		170
25%	Corylus avellana – Hazel	Feathered	1/1	1.25-1.5m	BR		420
20%	Crataegus monogyna – Hawthorn	Feathered	1/1	1.25-1.5m	BR		335
20%	Ilex aquifolium – Holly	Leader/laterals		40-60cm	C	2L	335
5%	Ligustrum vulgare – Wild privet	Branched	1/1	60-80cm	BR		85
10%	Prunus spinosa – Blackthorn	Branched	1/2	80-100cm	BR		170

Rev	Description	Date	Dr by	App by
P08	Updated for planning	2026-03-24	JL	AJB
P07	Issued for NMA	2025-02-11	OH	DJK
P06	Revised for planning	2024-06-25	OH	DJK
P05	Revised for planning	2024-05-17	OH	DJK
P04	Revised for planning	2024-04-30	OH	DJK
P03	Issued for planning	2024-03-22	OH	DJK
P02	Issued for planning	2024-03-08	OH	DJK
P01	Draft planning issue	2024-01-19	OH	DJK

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client name
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project
Siemens Mobility Chippenham

drawing
Soft Landscape Plan 05

computer file
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plot date

project number
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scale
As indicated @A0

drawing number
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rev
P08

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