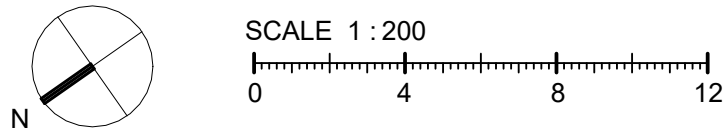




1 Soft Landscape Plan 03

1: 200



#### PLANTING STRATEGY

##### S01: Amenity Grass Seeding - Total Area 708m<sup>2</sup>

EM&F 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% Anthyllus vulneraria – Kidney Vetch, 1.80% Centaurea nigra – Common Knapweed, 0.80% Centaurea scabiosa – Greater Knapweed, 0.10% Cheimophyllum tenuifolium – Rough Oxtongue, 0.40% Cruciata lanarioides – Crosswort, 1.00% Daucus carota – Wild Carrot, 0.20% Eritrum 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 anserina – Field Scabious, 0.20% Lathyrus pratensis – Meadow Vetchling, 1.00% Leucanthemum vulgare – Oxeye Daisy, 2.40% Matricaria inodora – Musk Mallow, 0.60% Medicago lupulina – Black Medick, 0.40% Origanum vulgare – Wild Marjoram, 2.20% Plantago lanceolata – Ribwort's Plantain, 0.40% Plantago media – Hoary Plantain, 2.00% Potentilla anagyroides ssp. angustata – Salad Burnet, 0.40% Primula veris – Cowslip, 0.20% Prunella vulgaris – Selfheal, 1.40% Rhamnus minor – Yellow Rattle, 0.20% Sangisorba officinalis – Great Burnet, 1.00% Silene dioica – Red Campion, 0.20% Silene vulgaris – Bladder Campion, 0.30% Viola cracca – Tuffet Vetch, 1.20% Viola sativa ssp. repens – Common Vetch  
80% Grasses  
8.00% Agrostis capillaris – Common Bent, 28.00% Cynosurus cristatus – Crested Dogtail, 24.00% Festuca rubra – Red Fescue, 4.00% Phleum pratense – Small Cat's-bill, 16.00% Poa pratensis – Smooth-stalked Meadowgrass

##### S02: Wildflower Grass Seeding - Total Area 12,068m<sup>2</sup>

##### EM&F 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 dry lying areas developed from alluvium and other material, frequently over chalk 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% Mahoea monarda – Mack Mallow, 15.00% Plantago lanceolata – Ribwort's Plantain, 2.00% Ranunculus acris – Meadow Buttercup, 1.00% Daucus carota – Wild carrot, 1.00% Primula veris – Cowslip, 1.00% Lous comiculatus – Bird's-foot Trefoil, 1.50% Silene vulgaris – Bladder Campion, 7.00% Knautia anserina – Field Scabious, 6.00% Rumex acetosa – Common Sorrel, 2.00% Agrimonia eupatoria – Agrimony, 1.00% Betonica officinalis – Betsy, 0.50% Leontodon hispidus – Rough Hawkbit, 2.00% Viola cracca – Tuffet Vetch, 7.00% Rhamnus minor – Yellow Rattle, 3.00% Ranunculus tuberosus – Bulbous Buttercup, 12.00% Centaurea nigra – Common Knapweed, 2.00% Lathyrus pratensis – Meadow Vetchling

##### S03: Native Woodland Planting - Total Area 3,791m<sup>2</sup>

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  |
| 22% | Carpinus betulus – Hornbeam   | Feathered | 2x  | 1.25-1.5m | BR   | 105 |
| 13% | 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% | Euconymia europaea | Branched         | 1/2 | 60-80cm | BR   |      | 255 |
| 5%  | Ilex aquifolium    | Leader/Lateralis | 1/2 | 60-80cm | 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 1,193m<sup>2</sup>

##### EM&F 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, 3.80% Centaurea nigra – Common Knapweed, 1.00% Filipendula ulmaria – Meadow Sweet, 2.20% Galium verum – Lady's Bedstraw, 0.20% Galium album – Water Avena, 0.30% Lathyrus pratensis – Meadow Vetchling, 0.10% Leontodon hispidus – Rough Hawkbit, 1.20% Leucanthemum vulgare – Oxeye Daisy, 0.10% Lous comiculatus – Bird's-foot Trefoil, 0.40% Lotus pedunculatus – Ribwort's Plantain, 3.20% Plantago lanceolata – Ribwort's Plantain, 0.20% Primula veris – Cowslip, 0.10% Prunella vulgaris – Selfheal, 0.40% Ranunculus acris – Meadow Buttercup, 1.40% Rhamnus minor – Yellow Rattle, 1.20% Rumex acetosa – Common Sorrel, 1.00% Sangisorba officinalis – Great Burnet, 0.30% Silene dioica – Red Campion, 0.30% Silene vulgaris – Bladder Campion, 0.30% Viola cracca – Tuffet Vetch, 1.20% Viola sativa ssp. repens – Common Vetch, 8.00% Agrostis capillaris – Common Bent (w), 4.00% Anthoxanthum odoratum – Sweet Vernal-grass (w), 1.60% Carex diuiva subsp. diuiva – Grey Sedge (w), 34.40% Cynosurus cristatus – Crested Dogtail, 1.60% Deschampsia cespitosa – Tufted Hair-grass (w), 23.00% Festuca rubra – Red Fescue, 4.00% Hieracium saccatum – Meadow Hawkbit, 8.00% Poa trivialis – Rough-stalked Meadowgrass, 2.40% Schedonopsis autumnalis – Tall Fescue

##### S05: Ornamental Shrub Planting - Total Area 932m<sup>2</sup>

##### 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            | Branched | 44-60cm | 3L   | 1m <sup>2</sup> | 20  |
| Berberis thunbergii               | Branched | 30-40cm | 3L   | 4m <sup>2</sup> | 140 |
| Chaenactis thymifolia 'Repens'    | Bushy    | 30-40cm | 3L   | 3m <sup>2</sup> | 105 |
| Cornus alba 'Elegantissima'       | Branched | 40-60cm | 3L   | 2m <sup>2</sup> | 70  |
| Cornus stolonifera 'Flaviramea'   | Branched | 40-60cm | 3L   | 2m <sup>2</sup> | 30  |
| Euconymia europaea                | Bushy    | 30-40cm | 3L   | 5m <sup>2</sup> | 310 |
| Hedera helix 'Dart's Blanket'     | Bushy    | 20-30cm | 3L   | 5m <sup>2</sup> | 250 |
| Hedera helix 'Hibernica'          | Bushy    | 20-30cm | 3L   | 5m <sup>2</sup> | 250 |
| Lavandula x intermedia            | Bushy    | 20-30cm | 3L   | 5m <sup>2</sup> | 205 |
| Philadelphus 'Nanum'              | Bushy    | 20-30cm | 3L   | 4m <sup>2</sup> | 245 |
| Prunus laurocerasus 'Otto Luyken' | Bushy    | 40-60cm | 3L   | 4m <sup>2</sup> | 50  |
| Pyracantha 'Orange Glow'          | Bushy    | 40-60cm | 3L   | 3m <sup>2</sup> | 110 |
| Quercus ilex 'Major Cappel'       | Bushy    | 40-60cm | 3L   | 2m <sup>2</sup> | 85  |
| Viburnum opulus 'Compactum'       | Bushy    | 30-40cm | 3L   | 2m <sup>2</sup> | 45  |
| Viburnum davidii                  | Bushy    | 30-40cm | 3L   | 4m <sup>2</sup> | 180 |
| Vinca minor                       | Bushy    | 20-30cm | 2L   | 5m <sup>2</sup> | 720 |

##### Carpark Mix 1

| Name                              | Form  | Height  | Spec | Density         |
|-----------------------------------|-------|---------|------|-----------------|
| Chaenactis thymifolia 'Repens'    | Bushy | 30-40cm | 3L   | 3m <sup>2</sup> |
| Euconymia europaea                | Bushy | 30-40cm | 3L   | 5m <sup>2</sup> |
| Hedera helix 'Dart's Blanket'     | Bushy | 20-30cm | 3L   | 5m <sup>2</sup> |
| Hedera helix 'Hibernica'          | Bushy | 20-30cm | 3L   | 5m <sup>2</sup> |
| Lavandula x intermedia            | Bushy | 20-30cm | 3L   | 5m <sup>2</sup> |
| Philadelphus 'Nanum'              | Bushy | 20-30cm | 3L   | 4m <sup>2</sup> |
| Prunus laurocerasus 'Otto Luyken' | Bushy | 40-60cm | 3L   | 4m <sup>2</sup> |
| Pyracantha 'Orange Glow'          | Bushy | 40-60cm | 3L   | 3m <sup>2</sup> |
| Viburnum davidii                  | Bushy | 30-40cm | 3L   | 4m <sup>2</sup> |
| Vinca minor                       | Bushy | 20-30cm | 2L   | 5m <sup>2</sup> |

##### Carpark Mix 2

| Name                              | Form     | Height  | Spec | Density         |
|-----------------------------------|----------|---------|------|-----------------|
| Berberis thunbergii               | Branched | 30-40cm | 3L   | 4m <sup>2</sup> |
| Euconymia europaea                | Bushy    | 30-40cm | 3L   | 5m <sup>2</sup> |
| Hedera helix 'Dart's Blanket'     | Bushy    | 20-30cm | 3L   | 5m <sup>2</sup> |
| Hedera helix 'Hibernica'          | Bushy    | 20-30cm | 3L   | 5m <sup>2</sup> |
| Philadelphus 'Nanum'              | Bushy    | 20-30cm | 3L   | 4m <sup>2</sup> |
| Prunus laurocerasus 'Otto Luyken' | Bushy    | 40-60cm | 3L   | 4m <sup>2</sup> |
| Pyracantha 'Orange Glow'          | Bushy    | 40-60cm | 3L   | 3m <sup>2</sup> |
| Viburnum davidii                  | Bushy    | 30-40cm | 3L   | 4m <sup>2</sup> |
| Vinca minor                       | Bushy    | 20-30cm | 2L   | 5m <sup>2</sup> |

##### Perennials & Grass Specification

Indicative plant list, not exhaustive and subject to detail design.

| Name                  | Spec | Density         | Qty |
|-----------------------|------|-----------------|-----|
| Deschampsia cespitosa | 2L   | 5m <sup>2</sup> | 25  |
| Miscanthus sinensis   | 2L   | 5m <sup>2</sup> | 15  |
| Penstemon alpestris   | 2L   | 5m <sup>2</sup> | 10  |
| Stipa arundinacea     | 2L   | 5m <sup>2</sup> | 20  |

##### S06: Reed Bed Planting - Total Area 320m<sup>2</sup>

##### 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  | Bush | Root | Cntr | Density         |
|-----|---------------------------------|---------|------|------|------|-----------------|
| 15% | Alnus glutinosa                 | 10-15cm | 3    | C    | 3L   | 5m <sup>2</sup> |
| 5%  | Calluna palustris               | 10-15cm | 3    | C    | 3L   | 5m <sup>2</sup> |
| 10% | Carex aquatilis                 | 10-15cm | 3    | C    | 2L   | 5m <sup>2</sup> |
| 15% | Carex riparia                   | 10-15cm | 3    | C    | 3L   | 5m <sup>2</sup> |
| 10% | Eleocharis palustris            | 10-15cm | 3    | C    | 3L   | 5m <sup>2</sup> |
| 10% | Iris pseudacorus                | 10-15cm | 3    | C    | 3L   | 5m <sup>2</sup> |
| 5%  | Lythrum salicaria 'Firecracker' | 10-15cm | 3    | C    | 3L   | 4m <sup>2</sup> |
| 10% | Phalaris arundinacea            | 10-15cm | 3    | C    | 2L   | 2m <sup>2</sup> |
| 10% | Sparganium erectum              | 10-15cm | 3    | C    | 3L   | 4m <sup>2</sup> |

##### HG01: Ornamental Hedge Planting

A double staggered row of 5m<sup>2</sup> 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 5m<sup>2</sup> 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 |
| 20% | Crataegus monogyna – Hawthorn   | Feathered        | 1/1 | 1.25-1.5m | BR   |      | 335 |
| 20% | Ilex aquifolium – Holly         | Leader/Lateralis | 1/1 | 60-80cm   | 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 | Date       | By  | App | Description          |
|-----|------------|-----|-----|----------------------|
| P07 | 2026-03-24 | JL  | AJB | Updated for planning |
| P06 | 2025-02-11 | OH  | DJK | Issued for NMA       |
| P05 | 2024-06-25 | OH  | DJK | Revised for planning |
| P04 | 2024-04-30 | OH  | DJK | Revised for planning |
| P03 | 2024-03-22 | OH  | DJK | Issued for planning  |
| P02 | 2024-03-08 | OH  | DJK | Issued for planning  |
| P01 | 2024-01-15 | OH  | DJK | Draft planning issue |
| Rev | Date       | By  | App | Description          |
| OH  | 19/01/24   | DJK |     | Approved by          |

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|                                                                                                                                                                                                                                                                                                              |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Client name                                                                                                                                                                                                                                                                                                  | Bowmer & Kirkland for Siemens               |
| Project                                                                                                                                                                                                                                                                                                      | Siemens Mobility Chippenham                 |
| Drawing                                                                                                                                                                                                                                                                                                      | Soft Landscape Plan 03                      |
| Computer file                                                                                                                                                                                                                                                                                                | 19.01.2024_Plan03_Soft_Landscape_Plan03.dwg |
| Project number                                                                                                                                                                                                                                                                                               | 2023.00411.001                              |
| Drawing number                                                                                                                                                                                                                                                                                               | SMC-AHR-EX-ZZ-D-L-008124                    |
| Plot date                                                                                                                                                                                                                                                                                                    | 2026-03-24                                  |
| As indicated                                                                                                                                                                                                                                                                                                 | As indicated                                |
| Rev                                                                                                                                                                                                                                                                                                          | P07                                         |
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