



- This drawing is for preliminary purposes only and is subject to amendment during design development.
- UNDER NO CIRCUMSTANCES MUST THIS DRAWING BE USED FOR CONSTRUCTION PURPOSES.

| I/R | DATE | DESCRIPTION |
|-----|------------|----------------------|
| A | 16-02-2018 | FOR INFORMATION ONLY |

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| Woodland Planting | | | | | | |
|-------------------|------------------|-------------|---------------------------|-----------------------|-----|-------------------|
| % Mix | Species | | Size (cm)/ Root Condition | Minimum Root Diameter | Age | Plant m2/ Centres |
| | Latin Name | Common name | | | | |
| 15 | Alnus glutinosa | Alder | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 20 | Betula pubescens | Downy Birch | 60-80 C | 10mm | 2l | 0.44/1.5m |
| 20 | Corylus avellana | Hazel | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 20 | Pinus sylvestris | Scots pine | 45-60 RB | 10mm | 2l | 0.44/1.5m |
| 5 | Prunus Padus | Bird Cherry | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 10 | Quercus petraea | Sessile oak | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 10 | Sorbus aucuparia | Rowan | 60-90 B | 10mm | 1+1 | 0.44/1.5m |

Note:
 1. Plant feathered trees in species groups of 3-50no.
 2. Spacing between plants to be at an average spacing of 1.5m staggered within rows to avoid straight lines. Rows to be 1.5m apart.
 3. When planting adjacent to drainage or other underground/overhead utilities the Contractor shall consult with Volume 4, NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees. The Contractor shall also consult the Overseeing Organisation prior to any planting.

| Woodland Edge Planting | | | | | | |
|------------------------|--------------------|-------------|---------------------------|-----------------------|-----|-------------------|
| % Mix | Species | | Size (cm)/ Root Condition | Minimum Root Diameter | Age | Plant m2/ Centres |
| | Latin Name | Common Name | | | | |
| 10 | Alnus glutinosa | Alder | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 30 | Betula pubescens | Downy Birch | 60-80 C | 10mm | 2l | 0.44/1.5m |
| 20 | Corylus avellana | Hazel | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 15 | Crataegus monogyna | Hawthorn | 60-90 B | 10mm | 1+1 | 0.44/1.5m |
| 5 | Salix caprea | Goat willow | 40-60 B | 10mm | 0/1 | 0.44/1.5m |
| 20 | Sorbus aucuparia | Rowan | 60-90 B | 10mm | 1+1 | 0.44/1.5m |

Note:
 1. Plant feathered trees in species groups of 3-50no.
 2. Spacing between plants to be at an average spacing of 1.5m staggered within rows to avoid straight lines. Rows to be 1.5m apart.
 3. When planting adjacent to drainage or other underground/overhead utilities the Contractor shall consult with Volume 4, NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees. The Contractor shall also consult the Overseeing Organisation prior to any planting.

| Scattered Trees | | | |
|-----------------|------------------|-------------|-----------------------------------|
| % Mix | Species | | Specification |
| | Latin Name | Common Name | |
| 30 | Betula pubescens | Downy Birch | RB : GIRTH 8-10cm : HEIGHT 2.5-3m |
| 20 | Prunus Padus | Bird Cherry | RB : GIRTH 8-10cm : HEIGHT 2.5-3m |
| 50 | Sorbus aucuparia | Rowan | RB : GIRTH 8-10cm : HEIGHT 2.5-3m |

Note:
 1. Plant specimen trees in groups of 3-5no. of the same species.
 2. Spacing between trees to be average spacing of 2.0m
 3. When planting adjacent to drainage or other underground/overhead utilities the Contractor shall consult with Volume 4, NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees. The Contractor shall also consult the Overseeing Organisation prior to any planting.

| Scrub Planting | | | | | |
|----------------|--------------------|-------------|---------------------------|-----|-------------------|
| % Mix | Species | | Size (cm)/ Root Condition | Age | Plant m2/ Centres |
| | Latin Name | Common Name | | | |
| 30 | Corylus avellana | Hazel | 40-60 | 3l | 0.44/1.5m |
| 30 | Crataegus monogyna | Hawthorn | 40-60 B | 1+1 | 0.44/1.5m |
| 20 | Prunus spinosa | Blackthorn | 45-60 | 1+1 | 0.44/1.5m |
| 10 | Rosa canina | Dog rose | 40-60 | 1+1 | 0.44/1.5m |
| 10 | Salix cinerea | Grey Willow | 40-60 | 0/1 | 0.44/1.5m |

Note:
 1. Spacing between plants to be at an average spacing of 1.5m staggered within rows to avoid straight lines. Rows to be 1.5m apart.
 3. When planting adjacent to drainage or other underground/overhead utilities the Contractor shall consult with Volume 4, NJUG Guidelines for the Planning, Installation and Maintenance of Utility Apparatus in Proximity to Trees. The Contractor shall also consult the Overseeing Organisation prior to any planting.

| Dry Meadow Mix | | |
|----------------|-----------------------------|------------------------|
| % Mix | Species | |
| | Latin Name | Common Name |
| | Wildflowers 20% | |
| 1 | Achillea millefolium | Yarrow |
| 2 | Agrimonia eupatoria | Agrimony |
| 0.1 | Anthyllis vulneraria | Kidney Vetch |
| 0.2 | Campanula glomerata | Clustered Bellflower |
| 1 | Centaurea scabiosa | Greater Knapweed |
| 1.2 | Daucus carota | Wild Carrot |
| 0.5 | Dianthus deltoides | Maiden Pink |
| 1.5 | Echium vulgare | Vipers Bugloss |
| 2 | Galium verum | Lady's Bedstraw |
| 0.5 | Geranium sanguineum | Bloody Cranesbill |
| 0.5 | Helianthemum nummularium | Rock Rose |
| 0.5 | Hypericum perforatum | St John's Wort |
| 0.1 | Linaria vulgaris | Toadflax |
| 0.1 | Lotus corniculatus* | Birdsfoot Trefoil |
| 0.5 | Primula veris | Cowslip |
| 1.5 | Prunella vulgaris | Selfheal |
| 1.5 | Rhinanthus minor | Yellow Rattle |
| 2 | Rumex acetosella | Sheep's Sorrel |
| 2 | Silene latifolia | White Campion |
| 1.3 | Silene vulgaris | Bladder Campion |
| 0.5 | Thymus polytrichus | Wild Thyme |
| 0.3 | Trifolium campestre | Hop Trefoil |
| 0.1 | Vicia sativa | Common Vetch |
| 0.1 | Viola riviniana | Common Violet |
| | Grasses 80% | |
| 10 | Agrostis capillaris | Common Bent (c) |
| 20 | Cynosurus cristatus | Crested Dog's Tail (c) |
| 30 | Festuca ovina | Sheep's Fescue (c) |
| 15 | Festuca rubra ssp commutata | Chewings Fescue (c) |
| 5 | Phleum bertolonii | Lesser Catstail (c) |

Scotia seeds ' Dry meadow mix' or equal and approved spread at 3g per m²

| MG5 Meadow Mix | | |
|----------------|-------------------------|---------------------|
| % Mix | Species | |
| | Latin Name | Common Name |
| | Wildflowers 20% | |
| 1.4 | Achillea millefolium | Yarrow |
| 1.4 | Agrimonia eupatoria | Agrimony |
| 2 | Centaurea nigra | Common Knapweed |
| 2 | Cerastium fontanum | Common Mouse-ear |
| 1.3 | Galium verum | Lady's Bedstraw |
| 1 | Lathyrus pratensis | Meadow Vetchling |
| 1 | Leucanthemum vulgare | Ox-eye Daisy |
| 0.2 | Lotus corniculatus | Bird's-foot Trefoil |
| 1.5 | Plantago lanceolata | Ribwort Plantain |
| 0.1 | Primula veris | Cowslip |
| 1 | Prunella vulgaris | Selfheal |
| 1 | Ranunculus acris | Meadow Buttercup |
| 1 | Rhinanthus minor | Yellow Rattle |
| 1 | Rumex acetosa | Common Sorrel |
| 1 | Scorzonoides autumnalis | Autumn Hawkbit |
| 0.5 | Stellaria graminea | Lesser Stitchwort |
| 1 | Succisa pratensis | Devils-bit Scabious |
| 0.5 | Trifolium pratense | White Clover |
| 0.5 | Trifolium repens | Red Clover |
| 0.5 | Veronica chamaedrys | Germander Speedwell |
| 1 | Vicia cracca | Tufted Vetch |
| | Grasses 80% | |
| 15 | Agrostis capillaris | Common Bent |
| 5 | Alopecurus pratensis | Meadow Foxtail |
| 7 | Anthoxanthum odoratum | Sweet Vernal Grass |
| 15 | Cynosurus cristatus | Crested Dog's Tail |
| 2 | Festuca ovina | Sheep's Fescue |
| 32 | Festuca rubra | Red Fescue |
| 4 | Trisetum flavescens | Yellow Oat Grass |

Scotia seeds ' MG5 meadow mix' or equal and approved spread at 3g per m²

| Wet Meadow Mix | | |
|----------------|------------------------------|---------------------------------|
| % Mix | Species | |
| | Latin Name | Common Name |
| | Wildflowers 20% | |
| 0.1 | Achillea ptarmica | Sneezewort |
| 1.4 | Centaurea nigra | Common Knapweed |
| 0.1 | Cirsium palustre | Marsh Thistle |
| 2.9 | Filipendula ulmaria | Meadowsweet |
| 1.5 | Geranium pratense | Meadow Cranesbill |
| 2 | Geum rivale | Water Avens |
| 0.3 | Hypericum tetrapetrum | Square-stemmed St Johns Wort |
| 0.2 | Hypochaeris radicata | Cat's Ear |
| 2 | Iris pseudacorus | Yellow Flag Iris |
| 1 | Leucanthemum vulgare | Ox-eye Daisy |
| 0.1 | Lotus uliginosus | Greater trefoil |
| 0.5 | Plantago lanceolata | Ribwort Plantain |
| 1.5 | Prunella vulgaris | Selfheal |
| 1.5 | Ranunculus acris | Meadow Buttercup |
| 1 | Rhinanthus minor | Yellow Rattle |
| 1.4 | Rumex acetosa | Common Sorrel |
| 1 | Scorzonoides autumnalis | Autumn Hawkbit |
| 1 | Silene flos-cuculi | Ragged Robin |
| 0.5 | Succisa pratensis | Devils-bit Scabious |
| | Grasses 80% | |
| 10 | Agrostis capillaris | Common Bent (c) |
| 3 | Alopecurus pratensis | Meadow Foxtail (c) |
| 0.2 | Carex ovalis | Oval Sedge |
| 0.1 | Juncus articulatus | Jointed Rush |
| 0.1 | Juncus squarrosus | Heath Rush |
| 5 | Deschampsia caespitosa | Tufted Hair Grass |
| 35 | Festuca rubra ssp. commutata | Chewings Fescue (c) |
| 26.6 | Poa pratensis | Smooth-stalked Meadow Grass (c) |

Scotia seeds ' Wet meadow mix' or equal and approved spread at 3g per m²