



**SPECIFICATION NOTES:**

**PLANTING**

All plant material to be grown in Scotland from native seed stock. Inspected and approved by LA at the growing nursery before incorporating in the works. All planting to take place in the planting season between November and March. Planting will comprise a mix of trees, shrubs, herbaceous perennials, bulbs and wildflowers. Grassed areas to be maintained with annual cut in late August with all with all arisings removed.

**TREE PLANTING:**

Multi stem trees to be planted into prepared pits of topsoil 600 x 600 x 450mm deep. It is assumed that topsoil is present on site however this may need to be supplemented with imported material if soil is not available to the depth required. Any compacted material at the base of the pit to be forked a further 200mm to provide demonstrable free drainage. Backfill to consist of site excavated topsoil with 25% Treestart Peat-Free planting compost incorporated. Sierrablenn Flora Tablets slow release fertiliser incorporated into the tree pit at a rate of 5 tablets per tree, placed at the side of the root zone halfway up the backfill, no deeper than 20cm and distributed evenly around the roots.

Trees are not expected to require support however if instructed the largest of the stems shall be secured with a single rubber tree tie with spacer to a 100mm x 18mm crossbar nailed to two turned larch timber stakes 50mm diameter, 1200mm long driven 600mm into the ground, outwith the rootball and parallel to road. Each tree shall have clear circular area with turf no closer than 200mm to any stems. This area shall be spread with a 75mm thick layer of medium bark mulch.

**SHRUB PLANTING**

Shrubs are to be pit planted into existing soil at 1.5m centres. Each shrub plant shall be protected from vermin by a 600mm high, 200mm dia. green shrub shelter by Tubex or similar approved. Each shelter shall be securely fastened to a 32mm square timber stake 1.2m long driven into the soil and trimmed to suit. The stake shall be attached to the shelter using three cable ties or similar. Each plant to receive a 500x500mm oxo-degradable woven polypropylene mulch mat secured to the soil using 4No. 140mm long oxo-degradable polypropylene anchor pegs.

**HEDGE PLANTING**

Beech hedging planted in a double staggered row, 200mm apart and 200mm centres. Erect a 900mm post and wire fence along the line of hedge to prevent trampling. Fence to comprise 3 No. 2.5mm galvanised wires stapled to 1.5m turned 75mm dia posts driven at 2m centres to a finished height of 900mm. Bare root plants to be planted into a strip of existing cultivated topsoil minimum 300mm deep and 450mm wide. Prior to planting the soil shall be spread with Pelletised Poultry manure pellets at a rate of 300g / sq m. On completion of planting, the hedge shall receive a 75mm thick layer of medium grade bark mulch over the cultivated area.

**WILDFLOWER SEEDING**

Grass seeding to be carried out with Scotia Seeds Urban Pollinator Mix (or similar approved). Sow at a rate of 3gms/m<sup>2</sup> to suppliers recommendations. The seed bed must be clear of grasses and other plants to aid establishment. No fertiliser shall be used.

**TURF**

The areas indicated shall have topsoil added as required and cultivated to a fine tilth, firmed and raked to receive amenity turf Emerald by Stewarts or equal approved.

**EXISTING WETLAND**

The ground within the existing wetland to be cleared and sown with a suitable Scotia Seeds wet meadow mix. Sow at a rate of 3gms/m<sup>2</sup> to suppliers recommendations. The seed bed must be clear of grasses and other plants to aid establishment. No fertiliser shall be used.

**LOGPILE HABITATS**

Felled logs recovered from the site to be cut into manageable lengths of 1-2m depending on diameter to be stacked up to 500mm high to form a pyramidal shape, as directed on site. Lay logs (min.100mm dia.) on their sides, laying the largest diameter logs first to form the base, the log diameters should decrease with each layer. If required, stabilise the log pile with 60mm dia 750mm long pegs (treated wood), driven at an angle, along each length of the base of the pile. Log piles to be placed equidistant from each other and orientated as such that their longest side faces to the south.

**BAT BOXES**

3 No. Schwegler 2F bat boxes shall be fixed to mature trees around the site to provide roosting and nesting opportunities. These will be installed to the appropriate guidance in relation height from ground level and orientation.

**ULTITREC / Carpave PATH**

Excavate a strip 1200mm wide and 160mm deep and spread soil locally within the site as directed. Lay a membrane such as Terram 1000 or similar approved in the base of the excavation and up the sides to retain a 100mm layer of type 1 stone, compacted in place topped by a minimum of 50mm Ultritec (Toptrac) or Carpave recycled pathway material installed as per manufacturers instructions. The path should be crowned 30mm along the centre-line to assist with run off.

**PLANT SCHEDULE**

TREES				
no	Species	Common Name	Specification	Centres
3	Betula utilis jaquemontii 'Doorenbos'	Himalayan Birch	200-250cm, Rootballed, Multi stem	as shown
SHRUBS				
no	Species	Common Name	Specification	Centres
3	Corylus avellana	Hazel	40-60 cm, Bare root, Branched	1500mm
4	Crataegus monogyna	Hawthorn	40-60 cm, Bare root, Branched	1500mm
300	Fagus sylvatica	Beech (hedging)	40-60 cm, Bare root, Bushy	200mm
3	Ilex aquifolium	Holly	30-40 cm, 2L Pot, Bushy	1500mm
3	Prunus spinosa	Blackthorn	40-60 cm, Bare root, Bushy	1500mm
3	Rosa canina	Dog rose	40-50 cm, Bare root, Branched	1500mm
8	Salix cinerea	Grey Willow	60-80cm, Branched	1500mm
3	Sambucus nigra	Elder	40-60 cm, Bare root, Branched	1500mm
2	Viburnum opulus	Guelder Rose	40-60 cm, Bare root, Branched	1500mm
BULBS AND HERBACEOUS				
no	Species	Common Name	Specification	Centres
100	Allium ursinum	Wild garlic	8/+ (Topsized)	300mm
100	Anemone nemosa	Wood anemone	8/+ (Topsized)	200mm
1000	Crocus tommasinianus	Crocus	6/+(Topsized)	300mm
50	Dactylorhiza fuchii	Common spotted orchid	P7/0.3L Pot	300mm
50	Digitalis purpurea	Foxglove	Plug	500mm
50	Digitalis purpurea 'Albiflora'	White Foxglove	Plug	500mm
500	Galanthus nivalis	Snowdrop	6/+ (Topsized)	200mm
500	Hyacinthoides non-scriptus	English Bluebell	Plug	100mm
100	Iris pseudacorus	Iris	Plug	100mm
1000	Narcissus pseudonarcissus	Wild daffodil	7/+ (Topsized)	100mm
100	Primula vulgaris	Primrose	Plug	150mm
50	Scilla siberica	Scilla	6/+ (Topsized)	150mm
100	Muscari	Grape Hyacinth	6/+ (Topsized)	100mm

**KEY**

- EXISTING TREES TO BE RETAINED
- EXISTING WOODLAND RETAINED
- EXISTING HEDGES RETAINED
- EXISTING GRASS RETAINED
- EXISTING SCRUB HERB LAYER RETAINED
- PROPOSED BULBS & HERBACEOUS
- PROPOSED BEECH HEDGE
- PROPOSED SPECIES RICH GRASS
- PROPOSED TURF
- PROPOSED MULTI STEM BIRCH
- PROPOSED ULTITREC /CARPAVE PATH

I	Planting and path construction specification amendments	01.06.21
H	Birch Trees relocated to avoid the Craigmaddie overflow tunnel	31.03.21
G	Birch Trees and White Foxglove added. Notes and schedule updated	25.03.21
F	Notes amended. Schedule corrected	22.03.21
E	Notes amended. Schedule added	02.03.21
D	Amenity grass changed to wildflower	15.12.20
C	LAYOUT ADJUSTED - Pipe added	09.12.20
B	LAYOUT ADJUSTED	07.12.20
A	FURTHER NOTES ADDED	31.07.20
-	ISSUED FOR INFORMATION	31.07.20
NO.		DATE

REVISIONS

SPECIALIST SERVICE DELIVERY

PROJECT:  
MILNGAVIE RESERVOIRS  
FORMER CHLORINATION PLANT

STATUS:  
**INFORMATION**

DRAWING TITLE:  
LANDSCAPE PROPOSALS

DRAWING NUMBER:  
5384.001

REVISION:  
I

SCALE:  
1:200@A1

SHEET:  
A1

DATE:  
04.08.20

DRAWN:  
BC

CHECKED:  
SYI