W A Adams Partnership
Glebe Farm (forming part of Springfield Farm) Boddington Road, Claydon, Banbury, Oxfordshire, OX17 1TD

Proposed Inland Waterways Marina with Ancillary Facilities Building, Car Parking, Access and Associated Landscaping including the Construction of a New Lake

Landscaping Proposal - Species Selection and Planting Specification
Refer to Drawing Ref AO5/020C

Individual Trees (as detailed on plan)

Trees will be planted as individual trees in the locations shown on the plan. They will be planted as Selected Standards – 3.00 – 3.50m high, 10 – 12cm girths and root balled. They shall be planted in pits 900 x 900 x 600mmdeep backfilled with a 50:50 mix of in situ soil and tree planting compost. They will be supported with double short stakes 1200mm long driven 600mm inti the ground, with a cross bar nailed to the stake tops and proprietary rubber strapping and spacer block nailed to the cross bar to secure the tree.

Core Woodland Planting

Trees will also be planted as a woodland core, as 80-100cm bare rooted transplants at 2.00m centres, they will be pit planted into in situ soil and firmed in well. They will be planted in species groups of 5no minimum and 10no maximum.

The following species will be used in Blocks 1-20 as detailed on the plan;

Field Maple - Acer campestre - 15%
Pedunculate Oak - Quercus robur - 40%
Wild Cherry - Prunus avium - 15%
Crab Apple - Malus sylvestris - 10%
Aspen - Populus tremula - 5%
Sessile Oak - Quercus petraea - 5%
White Willow - Salix alba - 5%
Small Leafed Lime - Tilia cordata - 5%

Woodland Edge Planting

A woodland edge of shrub species will planted as 60 – 90 cm transplants into pits in the in situ soil and well firmed in. They will be planted at 2.00m centres in species groups of 5no minimum and 10no maximum.

The following species will be used in Blocks - A, B, C, D, E, F, G as detailed on the plan;

Hawthorn - Crataegus monogyna - 50%
Blackthorn - Prunus spinosa - 10%
Hazel - Corylus avellana - 10%

Dog Rose - Rosa canina - 10%
Goat Willow - Salix caprea - 5%
Rowan - Sorbus aucuparia - 5%
Guelder Rose - Viburnum opulus - 5%
Dogwood - Cornus alba - 5%

The following species will be used in Blocks - H, I, J, K, L, M, N as detailed on the plan;

Goat Willow - Salix caprea - 45%
Grey Willow - Salix cinerea - 15%
Hazel - Corylus avellana - 10%
Rowan - Sorbus aucuparia - 5%
Blackthorn - Prunus spinosa - 5%
Hawthorn - Crataegus monogyna - 3%
Dog Rose - Rosa canina - 3%
Guelder Rose - Viburnum opulus - 3%
Blackberry - Rubus fructicosus - 3%
Black Elder - Sambucus nigra - 3%
Holly - Ilex aquifolium - 2%
Dogwood - Cornus sanguinea and alba - 3%

All tree and shrub planting will be rabbit protected with 600mm high spiral guards supported with a single cane for all single stem species and 600mm high 300mm diameter mesh cylinders nailed to two timber stakes driven into the ground.

Grass margins and banks

The seed mix for the grass margins surrounding the woodland planting will be as follows;

Common Bent - Agrostis capillaris - 10%
Meadow Foxtail - Alopecurus pratensis - 10%
Sweet Vernal Grass - Anthoxanthum odoratum - 5%
Quaking Grass - Briza media - 5%
Crested Dogstail - Cynosurus cristatus - 10%
Slender Creeping Red Fescue - Festuca rubs - 30%
Meadow Barley - Hordeum secalinum - 1%
Smaller Cat's-tail - Phleum bertolonii - 4%
Red Clover - Trifolium pratense - 5%
Cocksfoot - Dactylis glomerata - 5%
Wild flower mix, including Oyeye Daisy, Knapweed, Meadowsweet, Birdsfoot Trefoil, Meadow Cranesbill. - 15%

Sown at a rate of 40kg/Ha

The seed mix for the grass banks and surrounding the basin and the spits of land will be as follows;

Common Bent - Agrostis capillaris - 20%
Meadow Foxtail - Alopecurus pratensis - 10%
Sweet Vernal Grass - Anthoxanthum odoratum - 5%
Quaking Grass - Briza media - 5%
Crested Dogstail - Cynosurus cristatus - 10%

Slender Creeping Red Fescue - Festuca rubs - 35%
Meadow Barley - Hordeum secalinum - 1%
Smaller Cat's-tail - Phleum bertolonii - 4%
Red Clover - Trifolium pratense - 5%
Cocksfoot - Dactylis glomerata - 5%

Sown at a rate of 50kg/Ha

Prepare a seed bed first remove weeds using repeated cultivation through the summer and/ or glyphosate herbicide. Rake to produce a medium tilth, and roll, to produce a level firm surface. Do not add any fertilisers, composts or purchased topsoils. Sow in the spring or autumn at a time when there is sufficient warmth and moisture. Sow 50% of the seed in one direction then the remaining 50% at 90 degrees to overlap the first sowing. Do not incorporate or cover the seed, but firm in with a roller, to give good soil/seed contact.

Amenity Grass

The seed mix for the amenity grass will be the Emorsgate Strong Lawn Grass Mixture (EG22) or similar. This comprises the following mix of species;

Common Bent – Agrostis capillaris – 2.5%
Highland Bent – Agrostis castellana – 2.5%
Slender-creeping Red-fescue – Festuca rubra – 50%
Perennial Ryegrass – Lolium perenne – 25%
Smooth-stalked Meadow-grass – Poa pratensis – 20%

Sown at a rate of 250kg/Ha

Prepare a seed bed first remove weeds using repeated cultivation through the summer and/ or glyphosate herbicide. Rake to produce a medium tilth, and roll, to produce a level firm surface. Do not add any fertilisers, composts or purchased topsoils. Sow in the spring or autumn at a time when there is sufficient warmth and moisture. Sow 50% of the seed in one direction then the remaining 50% at 90 degrees to overlap the first sowing. Do not incorporate or cover the seed, but firm in with a roller, to give good soil/seed contact.

Coir Rolls/Edge Planting around the Marina basin

Coir rolls are pre-planted with a mix of selected species at a rate of 10 plants per metre. The rolls will be planted with the following species;

Lesser Pond Sedge - Carex acutiformis
Blue sedge - Carex flacca
Yellow Flag Iris - Iris pseudacorus
Soft Rush - Juncus effusus
Purple Loosestrife - Lythrum salicaria
Reed Canary Grass - Phalaris arundinacea
Sweet Reed Grass - Glyceria maxima

Coir rolls are laid on a small shelf just below the waterline. They are fixed in place using small wooden stakes.