

NATIVE WOODLAND STRUCTURAL PLANTING

The transect shown is a typical layout for the woodland planting areas. Width of woodland planting varies and the matrix will be adapted for the width of the planting.

Objectives

To create a mixed species woodland with diverse age and structure, based on native Oak / Ash/Lime climax. The planting of the native trees and shrubs will be planted on each burial plot to create a new native woodland. The planting to be as natural as possible to provide random, unregimented planting. As the woodland develops each year some of the trees will be thinned or coppiced as part of good woodland management. No oak, ash, lime or cherry planted within 1.50m of the overhead pylon.

 Understorey - 50% of mix

15% Cornus sanguinea


20% Corylus avellana

15% Viburnum opulus

 Nurse/ Sub-climax - 20% of mix

10% Acer campestre

10% Pinus avium

 Climax - 30% of mix

10% Fraxinus excelsior

10% Quercus robur

10% Tilia cordata

At Planting

Each year during the planting season native trees and shrubs will be planted on each occupied graveplot.

All matrix planting at 1.50m centres on a 45° grid, with the nurse/ sub climax trees planted at 3.0m centres and the climax species planted at 6.0-9.0m centres. The under-storey shrub species planted in groups of 5-15 of the same species and planted in clumps / swaths; separate from the tree species. This will create informal planting areas to wander through. The under-storey planting (hazel, dogwood & dog rose) coppiced down on a 3 year rotation to keep the shrubs vigorous and full of seasonal interest.

Sizes of Plants

Under-storey shrubs: whips 40-50cm or 60-80cm;

Trees: Standards 125cm; 150cm; 175cm or 200cm high.

Rabbit spiral guards/ shelters

Rabbit guards for native planting. Each plant within the native tree and shrub planting mix and native individual trees shall be individually protected with a tree and shrub rabbit/tree guards, supplied by Tubex Ltd, Aberaman Park, Aberdare, South Wales, CF44 6DA (www.tubex.com) or similar approved.

Trees: Tubex Shrubshelter Plus - 0.60m, 0.75m or 1.2m high and 200mm diameter. Colour: Tubex green.

Native whips: Tubex Shrubshelter - 0.60m or 0.75m high and 150mm diameter. Colour: Tubex green.

All Tubex rabbit / tree guards shall be secured with square softwood stakes, driven well into the ground by a minimum of 300mm to resist strong winds. The base of each shelter shall be buried by soil to a sufficient depth to ensure there is no gap between the soil level and the shelter.

MANAGEMENT

Years 0- 5 (Establishment)

The nurse / sub-climax species grow rapidly to facilitate the establishment of the slower growing climax species. The under-storey rapidly forms ground cover and suppresses weed species. Weeds are controlled to form 'bare-earth' regime an annual or biannual application of a systemic translocated herbicide (Glyphosate or similar approved) to be applied in April and / or August, for a period of 3-5 years until the trees and shrubs become established. Failures are replaced after first year.

During the establishment of the woodland and the phases of planting, large areas of the site will be under grass and shall receive annual cuts.

Years 5 - 10

Weed control is stopped as vegetation establishes.

Under-storey species undertake rejuvenating pruning/ coppiced on a 3 year rotation. Depending on growth thinning of climax and sub-climax species commences.

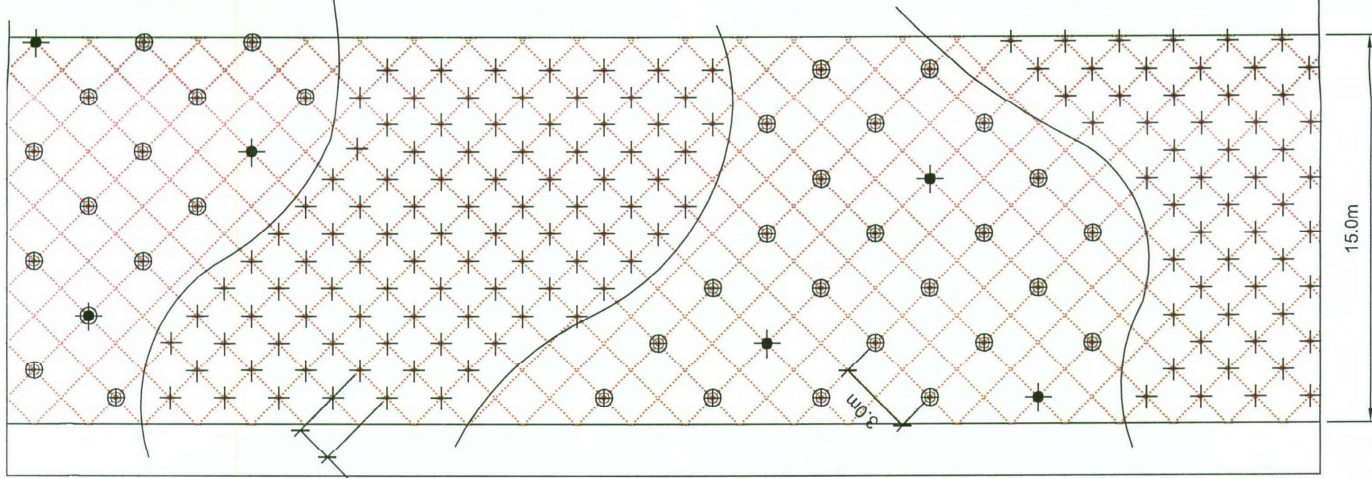
Years 10 - 50

Climax will have established, sub-climax will be maturing.

Sub-climax thinned by 50%, and crowns lifted to allow access beneath trees.

Under-storey species undertake rejuvenating pruning/ coppiced on a 3 year rotation to keep them vigorous and full of seasonal interest.

Specimen trees will be thinned to allow full crown development and provide parkland feel.



NOTES
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PLANNING

C 14-12-2010 - Revised management text
B 20-10-2010 - Revised climax mix
A 16-10-2010 - Revise notes and grid

MS
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Name

No. Date Amendment Revisions

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Project
Woodland Burial Ground, Hale Road,
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Client
Woodland Green Ltd

Drawing Title
Woodland Planting Matrix and
Management Principles

Scale 1:200 @ A3
Date October 2010
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Drawn MS
Revision C

Preliminary
 Issued for Planning Approval
 Issued for Construction

Issued for Design/Information
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 A3 B3