

BUFFER STRIP - NATIVE SHRUB STRUCTURAL PLANTING

The transect shown is a typical layout for the buffer strip shrub planting along the north-eastern boundary of the site. Width of landscaped buffer strip is 30.0metres.

Objectives

To create a mixed native shrub species mix to provide security and privacy for the residents along the north-eastern boundary. A 10-15.0metre wide rough grassland strip shall be provided adjacent to the residential properties. The shrub vegetation shall be of under-storey species with clumps of small tree species every 20-30metres within the buffer strip located on the woodland burial ground boundary.

Understorey - 80% of mix

10% Corylus avellana

20% Crataegus monogyna

10% Ilex aquifolium

10% Prunus spinosa

10% Rosa canina

10% Rubus fruticosus

10% Viburnum opulus

Hazel (Corylus avellana) & Guelder Rose

(Viburnum opulus)

Nurse/ Sub-climax - 20% of mix

10% Acer campestre

10% Prunus avium

At Planting

All matrix planting at 150m centers on a 45° grid, with the nurse/ sub climax trees planted at 3.0m centers at 20-30m intervals and the tree copes will be planted closer to the burial ground rather than the adjoining residential properties. A 30m wide scrub edge along the boundary of the rough grassland consisting of dogrose and bramble species maintained to a maximum height of 2.0m & coppiced on rotation. Single species planted in groups of 7-15 of the same species. This will create an early screening effect and ensure establishment of the sub climax species. Within the area of the tree groups the under-storey planting shall be restricted to Hazel and Guelder rose.

Rabbit spiral guards/ shelters
Rabbit guards for native planting: Each plant within the native tree and shrub planting mix and native individual feathered 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.

Feathered trees & Holly plants: Tubex Shrubshelter Plus - 0.60m high and 200mm diameter. Colour: Tubex green.

Native transplant: Tubex Shrubshelter - 0.60m 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 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.

Years 5 - 10

Weed control is stopped as vegetation establishes.

Bramble and dog rose species shall be coppiced on 5-6 year rotation i.e. 1/3 each of 3 consecutive years but on the same cycle. This will provide a continuity of habitat for birds etc.

Hazel coppiced in groups on a 5-10 year rotation.

Sub - climax thinned by 30% to allow the tree specimens to mature into well formed specimens and to provide small clumps of species.

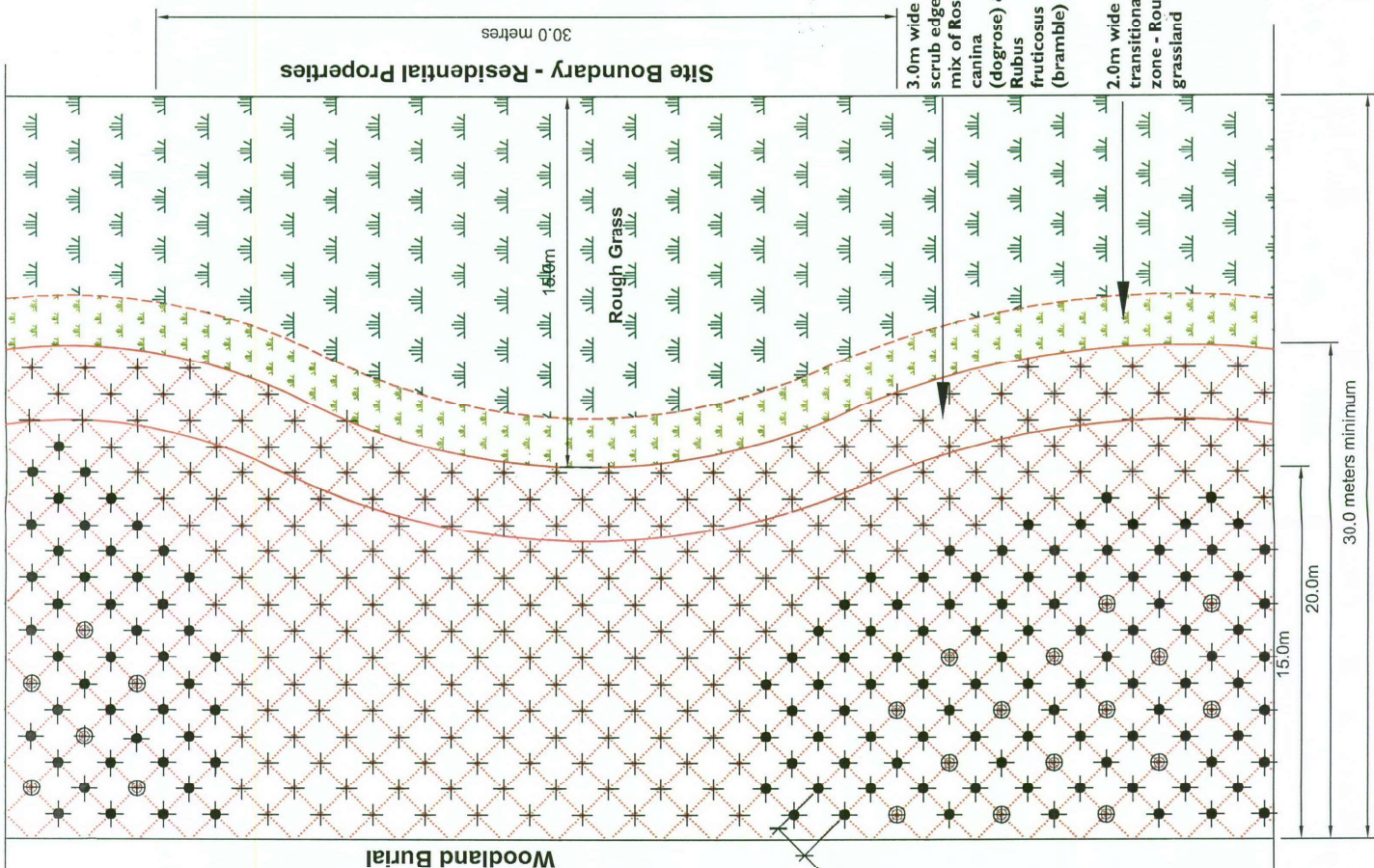
Under-storey thinned / pruned only where competing with desired sub climax species.

Years 10 - 50

Sub-climax will be maturing.

Hawthorn and blackthorn coppiced every 15-20 years.

A rejuvenating pruning/ coppicing of under-storey planting species may be necessary, but some clear areas will be acceptable. Specimen trees will be thinned by a further 20% thin to allow full crown development.



NOTES
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Only figured dimensions are to be taken from this drawing. All contractors must visit site and be responsible for taking and checking all dimensions stated to the works shown on the drawing.

PLANNING

C	13-12-10	Amended text & matrix	MS
B	25-10-10	Amended text	MS
A	5-10-10	Amended matrix	MS
No.	Date	Amendment	Name

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Project
Woodland Burial Ground, Hale Road,
Farnham

Client
Woodland Green Ltd

Drawing Title
Landscaped Buffer Strip Planting
Matrix and Management Principles

Scale
1:200 @ A3

Date
September 2010

Drawn
MS

Drawing No.
228-19

Revision
C

<input type="checkbox"/>	Prepared by	<input type="checkbox"/>	Issued for Design Information
<input type="checkbox"/>	Issued for Planning Approval	<input type="checkbox"/>	Issued for Tender
<input type="checkbox"/>	Issued for Construction	<input type="checkbox"/>	As Billed

