



**Gap Fill Planting Schedule**

Trees	Size	Notes	Plantation Gap Fill %	Hedgerow Gap Fill %
Acer campestre (Field Maple)	0.45-0.6m 1/s	Plantation trees and shrubs to be planted at 2.5m c/s and protected with 0.6m	20	25
Betula pendula (Silver Birch)	0.45-0.6m 1/s		15	
Carpinus betula (Hornbeam)	0.45-0.6m 1/s		15	25
Castanea sativa (Sweet Chestnut)	0.45-0.6m 1/s	Tubex tree shelters	5	
Prunus avium (Wild Cherry)	0.45-0.6m 1/s	Hedgerow gap fill to be planted in a double staggered row, 0.5m c/s	1	2
Quercus robur (Oak)	0.35-0.45m 1/s		15	2
<b>Total Trees</b>			<b>71</b>	<b>54</b>
<b>Shrubs</b>				
Cornus sanguinea (Dogwood)	0.45-0.6m 1/s	c/g denotes cell grown	5	15
Corylus avellana (Hazel)	0.45-0.6m 1/s		18	25
Crataegus monogyna (Hawthorn)	0.35-0.45m 1/s	Shrubs to be planted in outer row field side	2	4
Prunus spinosa (Blackthorn)	0.35-0.45m cell		2	2
Taxus baccata (Yew)	0.35-0.45m cell		2	
<b>Total Shrubs</b>			<b>29</b>	<b>46</b>
<b>Total Trees and Shrubs</b>			<b>100</b>	<b>100</b>

**Programme of Implementation**  
 To be carried out in November-March planting season for bare root stock.  
 Prior to planting, any areas of compaction to be broken up to a depth of 450mm.  
 Trees and shrubs to be notch planted.  
**Maintenance**  
 All planting to be maintained by use of glyphosate to create a 1.0m diameter circle around each tree and shrub, and a 1.0m wide weed-free strip along each hedgerow, during the five year aftercare period, or until canopies close. This will permit rapid establishment.  
 Two maintenance visits will be carried out per year during the aftercare period, one in spring and one in early summer.  
 Visits will include weed control (including noxious weeds), litter removal and checking and firming up tree shelters.  
 Any plants dying during the five-year aftercare period will be replaced with a size and species to be agreed with the Mineral Planning Authority to maintain 100% stocking rate during the aftercare period and to achieve a minimum 90% stocking rate upon final restoration.  
 Any plants loosened by frost or wind will be firmed up and any damaged branches will be removed using a sharp pruning knife.  
 At the end of the aftercare period, or before, should growth warrant it, tree shelters will be removed from the planting.

**KEY:**  
**Designations:**  
 Current Management Plan Area  
 Application Area  
 Existing SNCI retained  
 Tree Preservation Order

**Existing Features of Interest:**  
 100+ year Tree identified under 1998 Tree Survey within Management Plan Area with 1998 Schedule Reference Tag  
 Built Structure

**Restoration and Management:**  
 Existing Parkland Ponds - Open Water, Fen and Reedbed  
 New Parkland Ponds - Open Water and Reedbed  
 Existing Wet Woodland  
 Proposed Lowland Meadow Target NVC MG5  
 Proposed Parkland, Orchard and Avenue Planting  
 Existing TPO Woodland / Mature Tree Specimen (subject to management programme)  
 Existing Planted / Regenerated Woodland (subject to management programme)  
 Proposed Woodland / Parkland Planting (Phased restoration, subject to aftercare and management programme)  
 Proposed Footpath (Final Restoration)  
 Access Track  
 ADDITIONAL MANAGEMENT PLAN AREA

**Proposed Boundary Vegetation Management Regime:**  
 (a) Prior to the Woodland Management Plan being implemented, a detailed assessment of the species composition and tree condition will be made for each compartment, together with the identification of features of particular interest.  
 (b) This detailed assessment will be used to draw up more precise management regime for submission to the Mineral Planning Authority.  
 (c) The existing trees within the application area will be monitored by an Arboriculturalist for dead, dying or dangerous / unsafe trees and inspected for signs of reportable diseases eg Cholora within the ash planting.  
 (d) Generally, within the existing woodlands, thinning, and possibly some coppicing of tree and shrub species will be introduced in order to allow the full development of major trees as well as creating good layer and age structures within scrub and wood edge areas.  
 (e) Dead trees to remain standing and when fallen left on site only where this will not impact upon the footpaths and roadsides. Where possible dead, fallen and cut wood will be left in situ to support saprophytes and invertebrates.  
 (f) All work will be carried out under the terms of the existing Tree Preservation Order where this applies.  
 (g) A gap fill plantation and hedgerow planting scheme for the site will be undertaken in the first available planting season.  
 (h) The gap fill and restoration tree and shrub planting will be maintained by the use of chemical spray containing Glyphosate to permit rapid establishment. A 1.0m diameter weed-free area within plantation areas will be maintained around each tree and shrub during Years 1, 2 and 3, or, if required by Surrey County Council at the annual aftercare or management meeting, until canopies close.  
 (i) Any plants dying during the five-year aftercare period will be replaced with a size and species to be agreed with Surrey County Council to maintain 100% stocking rate during the aftercare period and to achieve a minimum 90% stocking rate at the start of the extended five year period for woodland management. Any plants loosened by frost or wind will be firmed up and any damaged branches will be removed using a sharp pruning knife.  
 (j) At the end of the five year post-planting period, or before, should the plant growth warrant it, the shelters will be removed from any replacement planting

BOUNDARY VEGETATION COMPARTMENTS	A	B	C	D	E	F	G	H
Area:	A	B	C	D	E	F	G	H
Description:	TPO Areas within existing Management Plan Area	Other TPO Areas within site boundary	Woodland regeneration within existing management plan area	Existing Boundary Plantation - NW	Existing Boundary Plantation - SE and E	Existing Boundary - S	Existing Boundary - N	New Planting
Operation:								
Annual Inspection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes - aftercare
Rootzone Protection	Not required	Not required	Not required	Not required	Yes	Yes	Yes	No
Coppicing - Late Winter	No	No	Where necessary	Where necessary	Where necessary	No	No	No
Hedge Trimming - Late Winter	No	No	Not required	Not required	Not required	Where necessary	Where necessary	No
Thinning - Autumn / Winter	No	No	Where necessary	Where necessary	Where necessary	No	No	No
Replanting November-March	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary
Supplementary Edge Planting	No	No	No	Where necessary	Where necessary	Where necessary	Where necessary	No
New Planting Spring / Summer Spray Visit	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary	Where necessary

**Revisions**

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Drawn By: ACW Company: CEMEX UK Materials Limited  
 Date: 24 April 2017 Site: STANWELL II  
 Scale(s): 1:2,000@A2 Project: EXTRACTION AND INFILLING  
 Chk: Title: BOUNDARY VEGETATION MANAGEMENT SCHEME  
 Site Ref.: Drawing No: P5 / 227 / 13 A



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