




Chartwell Tree Consultants Ltd
2 Greencroft Cottages, Farley Common,
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Tree Planting Scheme

Site:

Barham Court Farm,
Church Lane,
Barham,
CT4 6PB

Reference:

CTC/BAR/PL1

Site not yet subject to any Planning Conditions

Prepared for: RCG Homes Ltd

Prepared by:

Mr Sam Bateson. M.Arbor.A & ISA, Tech.Cert. (Arbor. A.)

7th June 2022

1) **Overview**

The following Tree Planting Scheme has been produced at the request of RCG Homes Ltd. Shrubs, border planting, lawn and hard landscaping have not been included in this document.

2) **Timing of Operations and Relevant Standards**

- See Tree Replacement Plan (TRP) for locations. The approved trees shall be planted within 12 months, or by the end of the first planting season (November-March), after the completion of the development.
- Avoid planting if ground is waterlogged or frozen.
- New tree planting should adhere to distances from structures as outlined in Table A.1 of BS5837:2012 and NHBC Chapter 4.2 with reference to the finalised foundation design.
- Landscaping operations should be carried out in accordance with the following British Standards:
 - BS4428:1989 'Code of practice for general landscape operations (excluding hard surfaces)'
 - BS8545:2014 'Trees: from nursery to independence in the landscape – Recommendations'
 - BS5837:2012, 'Trees in relation to design, demolition and construction – Recommendations'
 - BS3996 'Nursery Stock' (all parts) and BS7370-4 'Recommendations for maintenance of soft landscape (other than turf)'
 - BS4043:1989 'Transplanting root-balled trees – Recommendations'
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3) **Biosecurity, Plant Handling & Storage**

- Appropriate measures should be taken to avoid the introduction and spread of potentially harmful organisms including through infected stock and contaminated equipment.
- Detailed advice on biosecurity is available from the Forestry Commission www.forestry.gov.uk/biosecurity or DEFRA www.fera.defra.gov.uk
- All trees and plants should be inspected upon delivery, carefully handled and appropriately stored if not immediately planted. Detailed guidance is available in section 9 of BS8545.

4) **Site Preparation**

- All ground preparation and planting operations adjacent to existing retained trees, shrubs and hedges to be undertaken using hand tools only. No chemicals of any description are to be used where existing trees or vegetation may be adversely affected.
- Any changes in soil level +/- 300mm to be made using imported soil meeting BS3882:2007 'Multipurpose' classification standards.

- Planting areas are to be graded to be approximately 50mm below any adjacent surfaces prior to planting and mulching. Remaining landscape areas (outside or Root Protection Areas) to be graded flush with existing/finished levels.

5) Tree Planting (Native)

Planting Schedule						
Reference to be made to BS3936: Part 1: 1992 'Nursery Stock. Specification for Trees and Shrubs' and BS8545:2014 'Trees: from nursery to independence in the landscape – Recommendations'.						
Name (common and botanical)	Height (m)	Root (container (C), root ball (RB) bare root (BR), whips	Stem Girth (cm)	Spacing per sq. m	Centres (m)	Quantity
Silver Birch <i>Betula pendula</i>	3.5 - 4 Heavy Standard	C	10-12 or 12-14	Specimen tree	-	2
Rowan <i>Sorbus aucuparia</i>	3.5 - 4 Heavy Standard	C	10-12 or 12-14	Specimen tree	-	2
Hawthorn (<i>Crataegus laevigata</i> 'Paul's Scarlet')	3.5 - 4 Heavy Standard	C	10-12 or 12-14	Specimen tree	-	2
Hornbeam <i>Carpinus betulus</i>	3.5 - 4 Heavy Standard	C	10-12 or 12-14	Specimen tree	-	1
Field Maple <i>Acer campestre</i>	3.5 - 4 Heavy Standard	C	10-12 or 12-14	Specimen tree	-	1

- Tree pits to be excavated in accordance with Figures F1 and F4 of BS8545: 2014:

Figure F.1 Tree pit design: Planting in grass

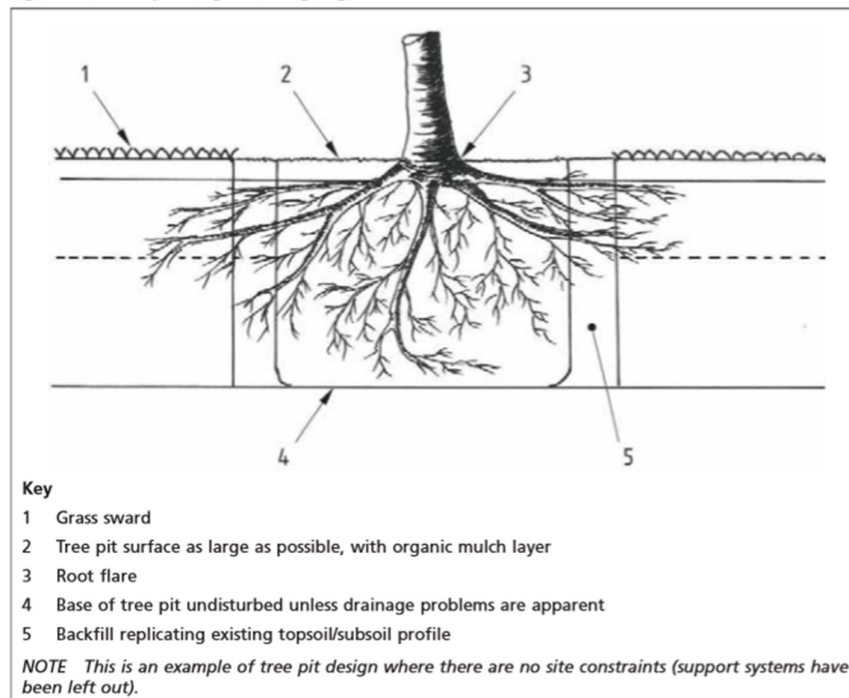
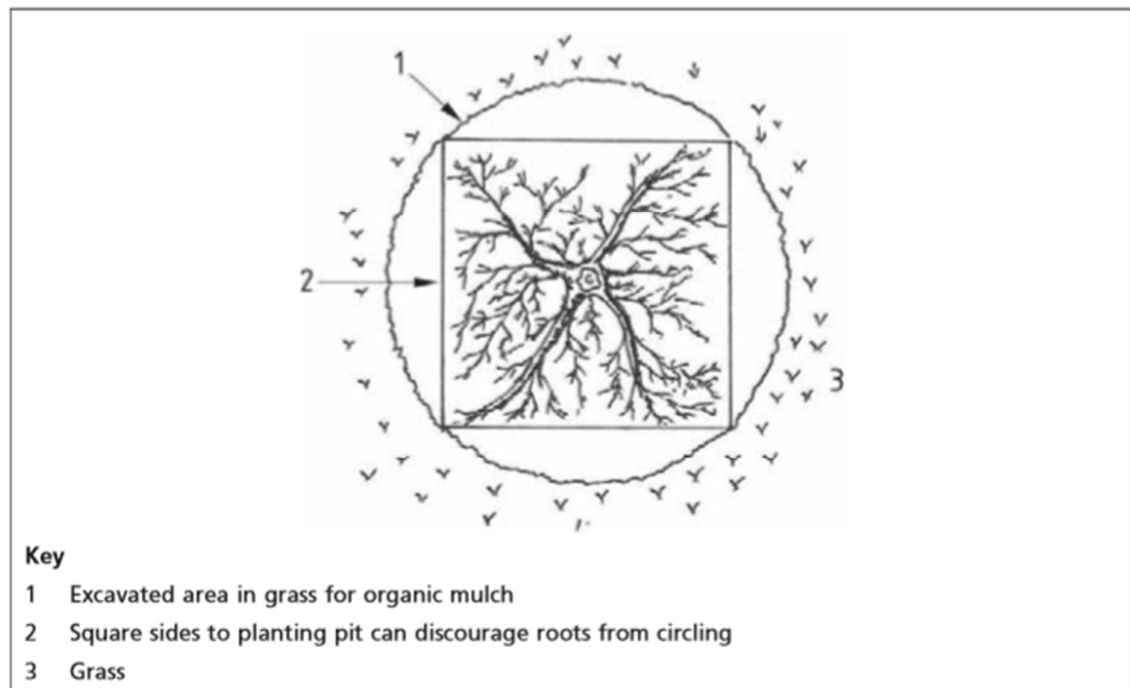
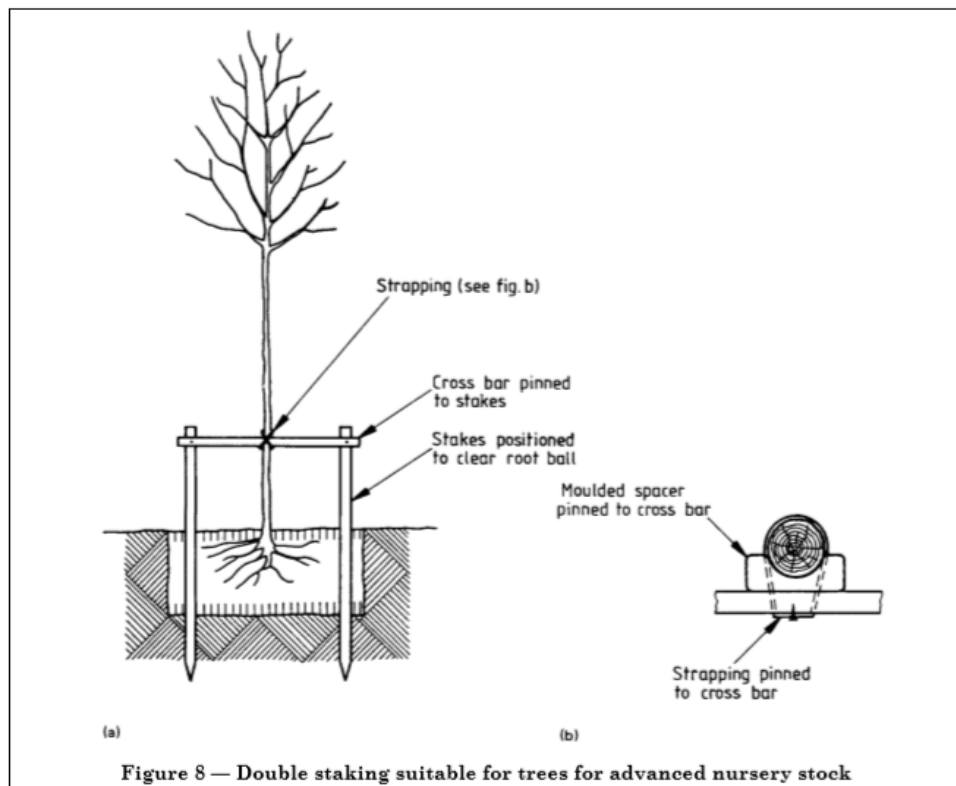


Figure F.4 Tree pit design: Pit with square sides inside circular area excavated in grass



- Tree pits to be twice the width and one and a half times the depth of the planting container.
- The backfill medium used should be as close as possible in texture and structure to the soil excavated from the tree pit. Ideally the soil dug from the excavated pit should be used as the backfill medium.
- At time of planting compost and slow release fertilizer to be incorporated into backfill material at manufacturer's recommended rates.
- Tree to be supported using a proprietary underground guying system (BS8545: 2014, section 10.3) or a double stake method with crossbar using 75mm diameter x 1.65m tree stakes (BS4428: 1989, Figure 8). If stakes are used then these must be driven into the ground before the tree is planted and should extend no more than 900mm above ground level. Tree to be tied to stakes using 75mm rubber tie and spacer block.



- Alternative support systems to be agreed with the project Arboriculturist and the LPA informed in writing.

7) **Mulch, Weed Control and Watering**

- All planting areas (trees, shrubs and hedges) to be mulched with medium grade bark mulch laid to depth of 50mm to 100mm.
- Areas around the base of new planting to be kept free from competing vegetation preferably by hand weeding and the use of mulch. If herbicides are to be used to control competing vegetation then they must be carefully selected and applied in accordance with the product label and any legislative controls (including operator use) in order to avoid environmental contamination or damage to the tree.
- Adequate soil moisture levels should be maintained around all new planting. Regular watering should be undertaken to ensure that the soil remains moist particularly during periods of hot weather and / or low rainfall particularly during the growing season (March-November).

8) **Aftercare**

- Trees, shrubs and hedges should be inspected upon completion of the development and any post development works specified to BS3998:2010.
- Inspect trees after strong winds or frozen conditions and firm-in where necessary.

- Check stakes and ties annually to ensure effectiveness and not causing damage. Any stakes, ties or guards that are not effective should be adjusted, replaced or removed.
- All trees shrubs and hedge plants to be regularly inspected for signs of mammal, human and other external damage with remedial action taken as soon as possible following discovery. Rabbit protection (spiral guards) should be reviewed annually and removed as soon as it is no longer required to protect the tree or where retention would risk causing physical damage.
- Mulch to be replenished to the original depth (50mm-100mm) at least once annually keeping the stem base clear of material.
- Continued irrigation should be undertaken as required based upon the weather conditions, soil moisture levels and the response of the planted species to water deficits (e.g. drought) or periods of prolonged saturation.
- Replacement planting (especially failed hedging plants) should be undertaken during the subsequent planting season if necessary.

9) Responsibilities

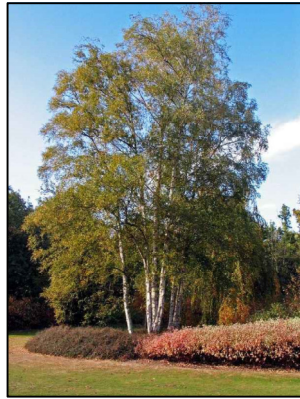
- Unless otherwise agreed in writing, it will be the responsibility of the Client (or their appointed Site Agent, Manager or contractor) to ensure that all necessary health and safety arrangements and other legislation are complied with (including the identification and location of underground utilities prior to any excavation and the application of any herbicides).
- All staff must be adequately trained in the tasks they are undertaking and all appropriate risk assessments and method statements must be completed in advance. Appropriate insurance must be maintained by any contractor or sub-contractor
- The main contractor and any sub-contractors are to be briefed by the Site Agent / Manager on the relevant sections of this prior to commencing any works.
- The Client (or their appointed Site Agent / Manager) is responsible for contacting the LPA at any time issues relating to the trees on site are raised.
- Tree stock can be found at www.barcham.co.uk

Signed:

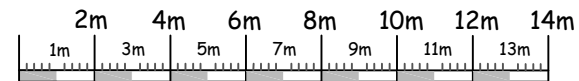


Sam Bateson

Notes:
Do not scale from this drawing
All dimensions to be checked on site



2 x *Betula pendula* containerised (12-14cm) trees to be planted to front. Individual tree pits. Trees to be supported by underground guying systems or double staking method as detailed in the Tree Planting Schedule.



SCALE BAR (Represents on plan 14 metres)



2 x *Crataegus laevigata* 'Paul's Scarlet' containerised (12-14cm) trees to be planted to front. Individual tree pits. Trees to be supported by underground guying systems or double staking method as detailed in the Tree Planting Schedule.



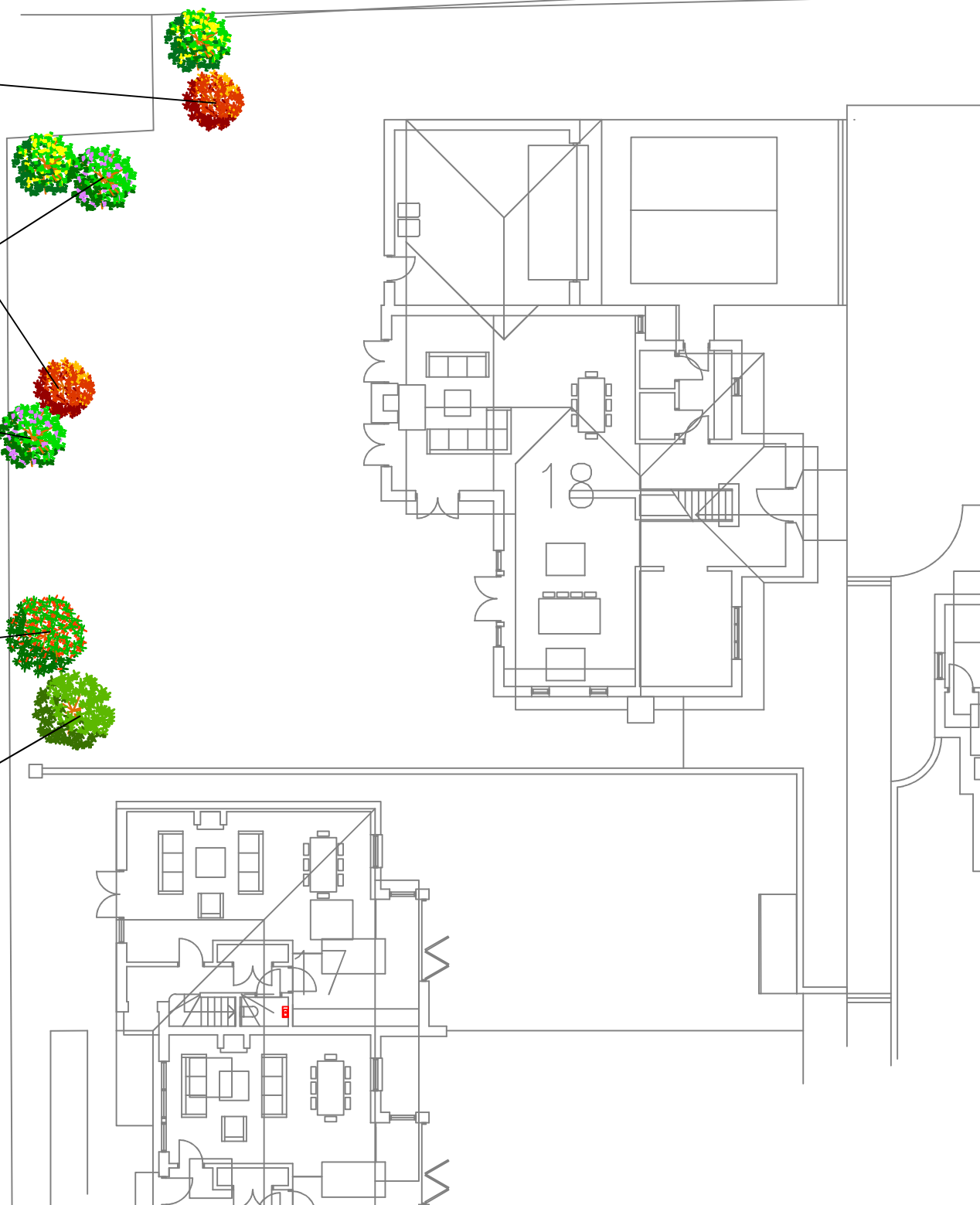
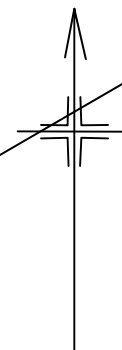
2 x *Sorbus aucuparia* containerised (12-14cm) trees to be planted to front. Individual tree pits. Trees to be supported by underground guying systems or double staking method as detailed in the Tree Planting Schedule.








1 x *Carpinus betulus* 'fastigiata' containerised (12-14cm) trees to be planted to front. Individual tree pits. Trees to be supported by underground guying systems or double staking method as detailed in the Tree Planting Schedule.



1 x *Acer campestre* containerised (12-14cm) trees to be planted to front. Individual tree pits. Trees to be supported by underground guying systems or double staking method as detailed in the Tree Planting Schedule.



PLANTING PLAN

-  ***Betula pendula***
-  ***Crataegus laevigata* 'Paul's Scarlet'**
-  ***Sorbus aucuparia***
-  ***Carpinus betulus* 'fastigiata'**
-  ***Acer campestre***

Title **Planting Plan**

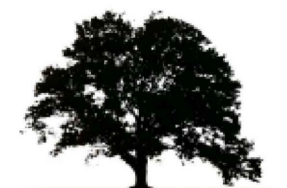
Job **Barham Court Farm**

Scale **1:200 @ A3**

Date **07.06.2022**

Drn **SB**

Dwg No **001**



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