

PLANTING SPECIFICATION

PRELIMS

Quality control
All landscape works to be carried out in accordance with the relevant current British Standards (including current revisions of 4428, 3936 & 5837); National Planting Specifications Guidelines; Horticultural Trades Association standards (including 'Handling and establishing landscape plants' part 1, 2 & 3); and 'Plant Handling Standards & COSEH Regulations'. All soft landscape works to be carried out by trained and competent operatives under appropriate supervision and only after a suitable pre-commencement site meeting of all relevant parties. Setting out, materials and plant stock supplies to be approved by a competent client representative. There will be no plant substitutions or scheme revisions allowed without written approval of the client or client representative. Workmanship and maintenance operations to be subject to monitoring inspections and approval also by a competent client representative.

Health and Safety (CDM)
No site or project specific production, maintenance or in-use hazards have been identified during the design stages of this project. Should any hazards subsequently be identified they are to be brought to the attention of the client/appropriate client representative.

SITE PREPARATION

Site Clearance
Areas for copse plantation to be generally cleared of any rubbish or waste material but otherwise only 1m circles for each planting location to be cleared of ground vegetation.

PLANTING

Weed control
Where there is a delay between ground preparations and planting, planting locations to be cleared of any recent weed growth and any other waste material.

Plants and plant handling
All plant material to be of good quality stock, size in accordance with the specification, and in a healthy condition; free from pest, disease and weed growth in accordance with BS3936 and HTA National Plant Specification. British native species to be of British origin, of local seed stock/provenance wherever possible, and from sustainable seed sources. Plants to be handled in accordance with BS4428 and the HTA code for Plant Handling and Establishment of Landscape Plants to ensure that transit, storage, handling on site and planting operations preserve and promote the condition of the stock. Trees and tree handling to be in accordance with BS8545:2014
Trees: from nursery to independence in the landscape - Recommendations.

Planting generally
Plants to be evenly spaced throughout allotted planting areas, at densities as specified. Planting mixes to be laid out with species randomly distributed throughout allotted planting areas. Planting to be carried out in accordance to the HTA code stated above, and into planting holes/pits/notches slightly larger than the growing container/root spread, with sides and bottom of pits loosened as necessary to ensure adequate drainage and to allow normal root growth. All bare-root planting to be carried out only during the winter planting season between mid-November and the end of February. No planting to be undertaken when the ground is frozen.

Timing
Tree planting to be undertaken February-March 2020. Shrub planting to be undertaken during winter 2020/21.

Copse plantation set out
Woodland tree species to be set out on a 2.5m x 2.5m staggered grid and interplanted on a 1.25m x 1.25m staggered grid with woodland shrub species; this equates to 25% tree species and 75% shrub species.

Protection
All tree canopy plants to be protected with 1.5m high deer guards. All woodland shrub layer species to be protected with 600mm high rabbit guards. These to be 170-200mm diameter for shrub species and 80-100mm diameter for trees. All to be installed and secured in accordance with manufacturer's instructions immediately after planting.

INITIAL MAINTENANCE / RECTIFICATION PERIOD

Replacement planting
Contractor to be responsible for replacement of any failed, falling or missing plants in winter planting season one year after planting.

Weeding
Weed removal, to 1m circle around each plant, to be carried out 4 times during each growing season.

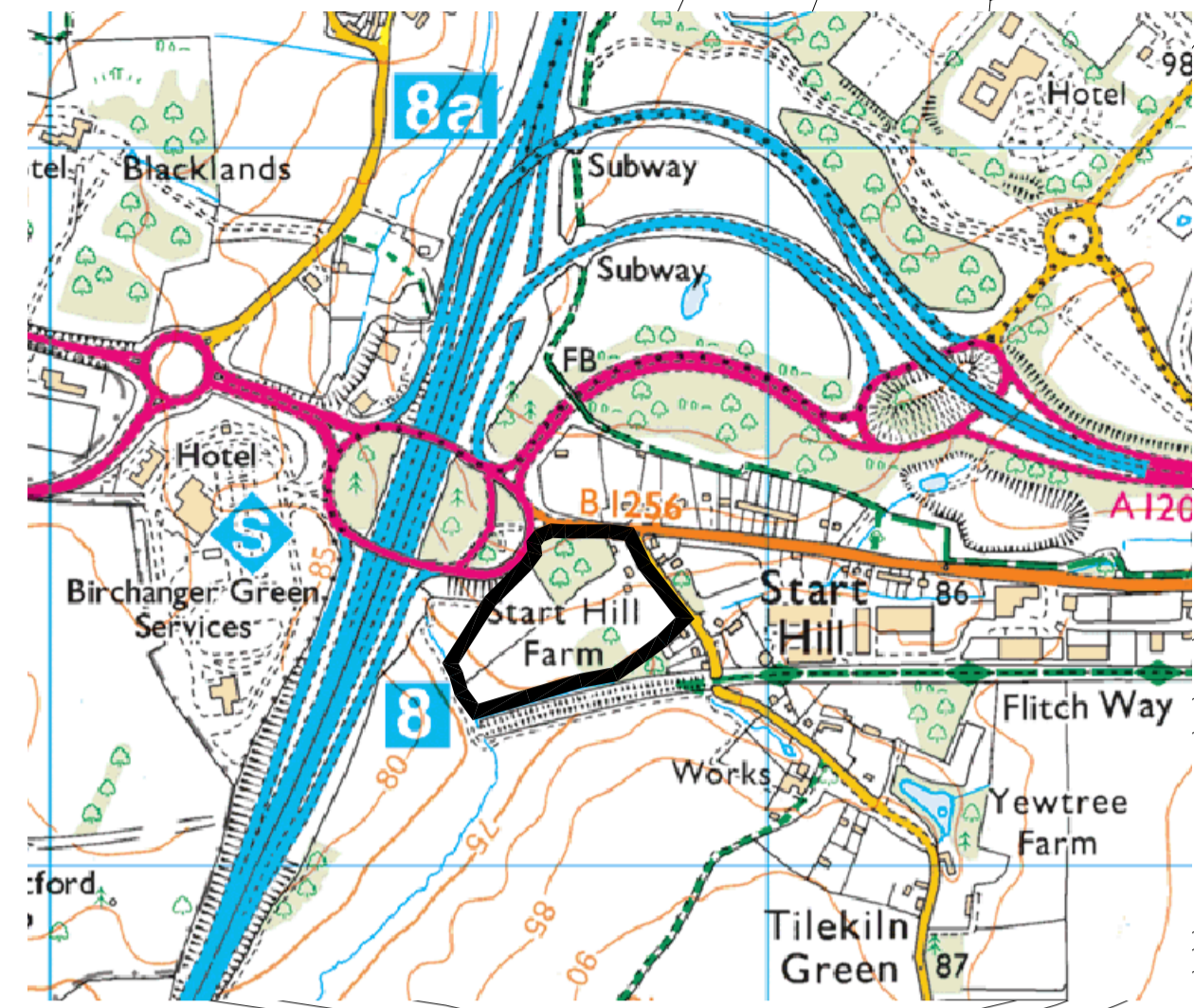
LONG-TERM MAINTENANCE

Establishment maintenance
It is recommended that the landowner makes provision for ongoing annual maintenance, repeating the first year's maintenance operations for at least two further years. After this period, if establishment is progressing well, the woodland planting can be monitored, and maintenance operations carried out as and when found necessary. Note that the felling licence (01745385/2018) requires protection against damage, adequate weeding and replacement planting for any failure or losses of the tree species for a period of 10 years.

Removal of waste materials
Rabbit and deer protection guards will have served their purpose once the plants have established more mature stems. At this point the guards may be splitting away from the stems and will need to be collected and recycled or disposed of as waste. This will typically be between 5 and 10 years from planting. Some biodegradable guards are becoming available and use of these may negate the need for this clear up operation. If non-organic mulch mats have been used, these will also need to be cleared from the site around the same time.

Future management
It is also advised that every three years, an appropriately qualified tree/forestry expert should inspect the woodland areas and produce a condition and management report.

LOCATION PLAN



B 1256

(Training Centre)

KEY:

- Existing woodland & trees
- Perimeter woodland belt buffer planting to connect between sections of retained woodland (FC restocking requirement)

planting under overhead cables restricted to woodland shrub layer with no tall growing trees

WOODLAND

Tree canopy species	10%	45-60cm
12 No. Acer campestre	10%	45-60cm
12 No. Carpinus betulus	10%	45-60cm
18 No. Populus tremula	15%	40-60cm
12 No. Prunus avium	10%	40-60cm
27 No. Quercus robur	50%	40-60cm
3 No. Sorbus torminalis	5%	40-60cm
Woodland shrub layer species		
12 No. Cornus sanguinea	10%	45-60cm
29 No. Corylus avellana	10%	45-60cm
83 No. Crataegus monogyna	50%	45-60cm
34 No. Ligustrum vulgare	2%	45-60cm
24 No. Prunus spinosa	15%	45-60cm
83 No. Rosa canina	5%	45-60cm

Tree canopy species planted on a 2.5m grid interplanted with shrub layer species on a 1.25m grid

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WOODLAND

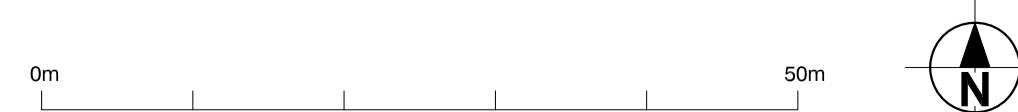
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Tree canopy species planted on a 2.5m grid interplanted with shrub layer species on a 1.25m grid

FULL PLANT SCHEDULE

Qty/Species	Specification	Height	Pot Size
74 - Acer campestre	bare root transplant	45-60cm	
74 - Carpinus betulus	bare root transplant	45-60cm	
219 - Cornus sanguinea	bare root transplant	45-60cm	
393 - Corylus avellana	bare root transplant	45-60cm	
1089 - Crataegus monogyna	bare root transplant	45-60cm	
45 - Ligustrum vulgare	bare root transplant	45-60cm	
110 - Populus tremula	bare root transplant	40-60cm	
74 - Prunus avium	bare root transplant	40-60cm	
328 - Prunus spinosa	bare root transplant	45-60cm	
364 - Quercus robur	bare root transplant	40-60cm	
110 - Rosa canina	bare root transplant	45-60cm	
37 - Sorbus torminalis	bare root transplant	40-60cm	
Total :2917 -			

Total area of woodland planting 4533m²



Date	Rev	Rev/Author/Checked By
15-02-20	A	Revisions to planting timing, guards and marking (AK/C)
29-01-20	-	Initial submission (NC/AK)

NIGEL COWLIN
Landscape Planning & Design

Lower Gable
Beres Road
Cochester
Essex, CO6 2QF
01787 220457
office@nigelcowlin.co.uk
www.nigelcowlin.co.uk

client: **WREN**

project: **Bedlars Green Road
Tilekiln Green, Stansted**

drawing title: **FC RESTOCKING PLAN**

scale: 1:500 @ A1 drawn by: NC
date: 29 January 2020 chkd by: AK
drawing number: NC18.446-P203 revision: A