

# **Cantia**

## **Arboricultural Services**

**Soft Landscaping Proposals**

**CAS/2023/197**

**For**

**Architek Design/Planning Ltd**

**Site**

**Cherry Dene, Norwood Lane, Meopham,  
Gravesend, DA13 0YE.**

**Boyd Saunders**

**Dip Arb L4- Tech 'Arbor A'**

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## **1.0 Soft Landscaping Proposal**

Cantia Arboricultural Services have been asked to provide a planting plan to accompany a planning application for Cherry Dene, Norwood Lane, Meopham, Gravesend, DA13 0HX.

Soft landscape proposals are based on the principles as set out in the landscape plan CAS/2023/197.

The brief was to provide a planting plan to mitigate for tree removals associated with the proposed construction of 2 x detached houses. The planting proposal aims to provide the following enhancements to the site –

- Increasing species diversity within the site boundaries (30% increase)
- Increasing habitat provision by planting predominantly native species including a mix of hedging and specimen trees
- Providing an abundant food source for pollinators including early flowering species
- Providing diverse seasonal change / colour
- Providing adequate screening for privacy

## 2.0 Species Selection

| Species                                                                                                                                                                                                                                                                                                                                                         | Size                                                              | Density                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|
| Mixed Native Hedging<br>Hornbeam<br>( <i>Carpinus betulus</i> )<br>Field Maple<br>( <i>Acer campestre</i> )<br>Hazel<br>( <i>Corylus avellana</i> )<br>Holly<br>( <i>Ilex aquifolium</i> )<br>Hawthorn<br>( <i>Crataegus monogyna</i> )<br>Blackthorn<br>( <i>Prunus spinosa</i> )<br>Dogwood<br>( <i>Cornus cornacaea</i> )<br>Yew<br>( <i>Taxus baccata</i> ) | 90cm Whips                                                        | 252 Individuals (Planted 4 per metre in double staggered line ) |
| Flowering Pear<br>( <i>Pyrus calleryana</i><br>‘Chantaleer’)                                                                                                                                                                                                                                                                                                    | 8-10 cm Girth<br>20L Pot Container Grown<br>Approx 3m in Height   | 2 Individuals                                                   |
| Sweet Gum<br>( <i>Liquidamber styraciflua</i> )                                                                                                                                                                                                                                                                                                                 | 10-12cm Girth<br>35L Pot Container Grown<br>Approx 3-4m in Height | 2 Individuals                                                   |
| Alder<br>( <i>Alnus incana</i> ‘Aurea’)                                                                                                                                                                                                                                                                                                                         | 8-10 cm Girth<br>20L Pot Container Grown<br>Approx 3m in Height   | 2 Individuals                                                   |
| Silver Birch<br>( <i>Betula pendula</i> ‘Obelisk’)                                                                                                                                                                                                                                                                                                              | 10-12cm Girth<br>35L Pot Container Grown<br>Approx 3-4m in Height | 2 Individuals                                                   |
| Small Leaved Lime<br>( <i>Tilia cordata</i> ‘Greenspire’)                                                                                                                                                                                                                                                                                                       | 10-12cm Girth<br>35L Pot Container Grown<br>Approx 3-4m in Height | 2 Individuals                                                   |
| Bird Cherry<br>( <i>Prunus padus</i> ‘Albertii’)                                                                                                                                                                                                                                                                                                                | 10-12cm Girth<br>35L Pot Container Grown<br>Approx 3-4m in Height | 3 Individuals                                                   |
| Yew<br>( <i>Taxus baccata</i> )                                                                                                                                                                                                                                                                                                                                 | 10-12cm Girth<br>35L Pot Container Grown<br>Approx 3-4m in Height | 2 Individuals                                                   |

### **3.0 Planting and Implementation**

#### **Individual trees**

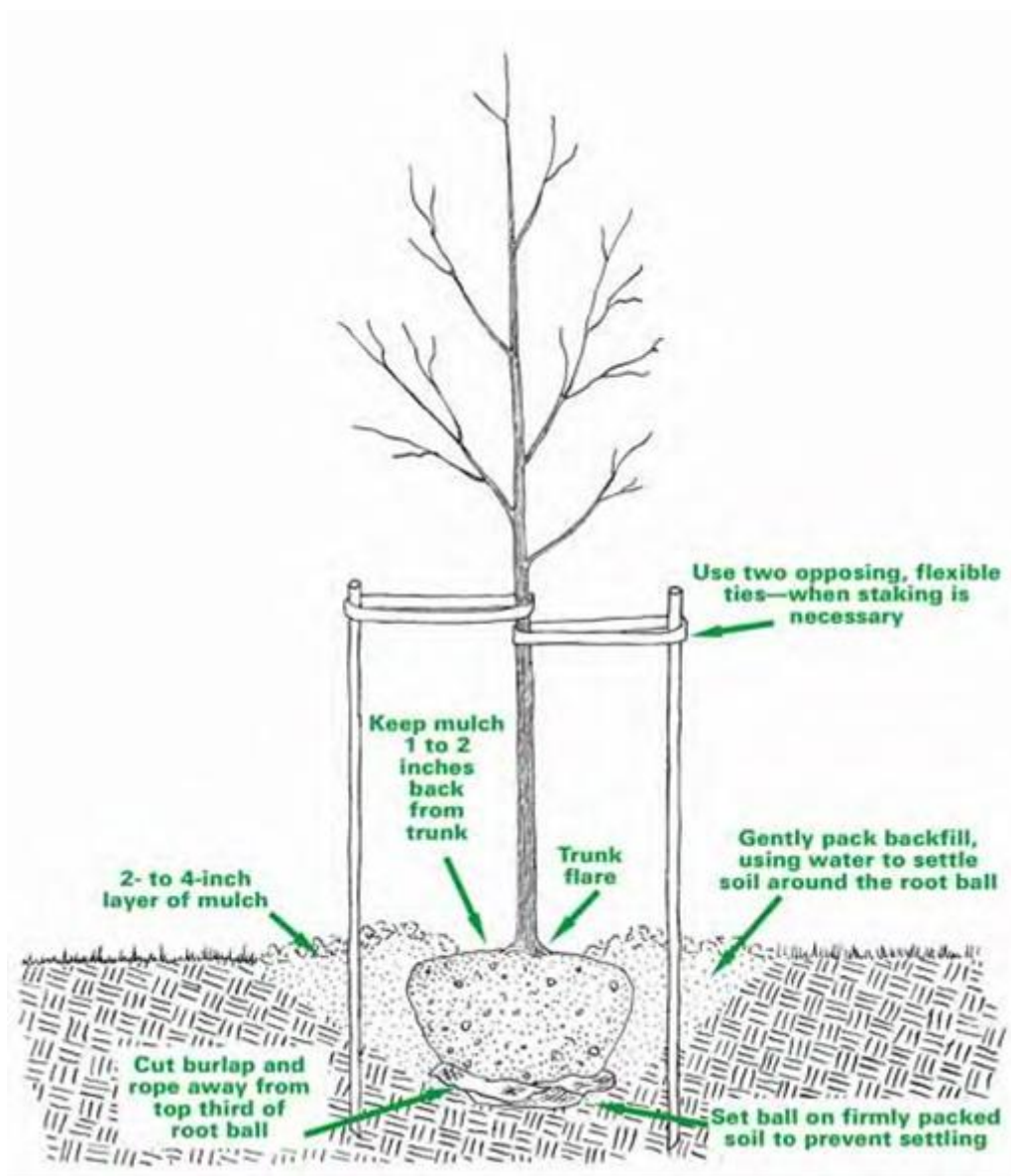
Individual trees shall be planted as follows-

- Planting to be carried out between November and March.
- Trees should be planted in areas previously cleared of all weeds, grass and vegetation.
- The trees are to be of selected size, see planting schedule. Stock to be checked as per BS 8545
- Trees should be planted with root directors in planting holes at least 1.5 times the length of the root system or 1.2m x 1.2m (whichever is greater) and to a depth of 900mm. Topsoil should be mixed with a minimum of 20 litres of suitable tree planting compost and replaced carefully around the roots and lightly compacted every 150mm layer.
- Trees should be supported with a treated timber stake and rubber ties with adequate guards against rabbit/ deer.
- It is recommended that trees be maintained for a period of three years after planting. Ensure adequate watering and fertilising is carried out to ensure good establishment and an area around the tree of 1.5m is kept free from weeds.
- Failed planting to be replaced up to a period of five years.

September 2023



Root Director

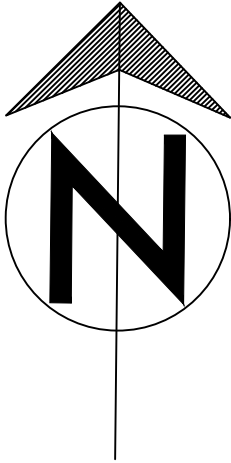
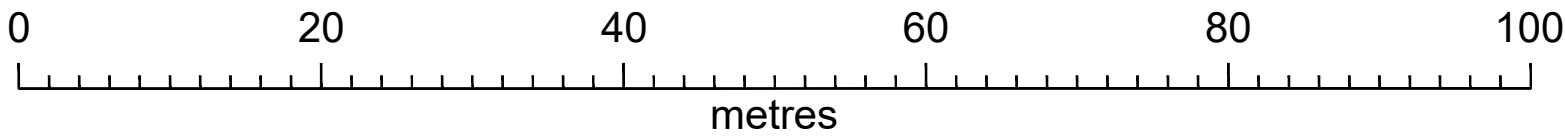


## **Mixed Native Hedging**

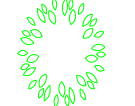
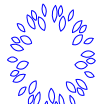
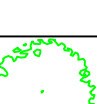
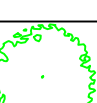
- Planting best carried out between November and March
- Dig trench 600mm wide and 250mm deep and add soil ameliorants to comply with BS 4428
- Whips to be 90cm high bare root healthy and vigorous to be planted in double staggered row with 450mm between each tree and 250mm between the rows with 4 No plants minimum per meter and supported by 750mm stake. Ensure whilst planting that the trees remain in a plastic and light proof bag to prevent drying out.
- Apply a proprietary poly-mulch 600mm wide around the base of the trees running the entire length of the new hedge, pegging around the base of each specimen and digging in at the edges to 150mm.
- Protect with 400mm spiral rabbit guards
- The hedge is to be maintained for a period of 3 years following planting, ensuring adequate watering and fertilising is carried out to ensure good establishment and that all dead, diseased or damaged plants are replaced annually where required.
- Failed planting to be replaced up to a period of 5 years.

Evidence of planting should be submitted to the LPA in order to satisfy and clear.

# Planting Plan



## Planting Plan KEY

-  Existing Tree / Shrub Canopy Cover.
-  New Planting – Mixed Native Hedging
-  New Planting – Flowering Pear
-  New Planting – Alder
-  New Planting – Sweet Gum
-  New Planting – Silver Birch
-  New Planting – Lime
-  New Planting – Bird Cherry
-  New Planting – Yew

| REV.       |            | DATE                                                            | INITIALS | DETAILS      |
|------------|------------|-----------------------------------------------------------------|----------|--------------|
| CLIENT     |            | Architek Design/Planning Ltd                                    |          |              |
| SITE       |            | Land at Cherry Dene, Norwood Lane, Meopham, Gravesend, DA13 0HX |          |              |
| DRAWN BY   | CHECKED BY | SCALE                                                           | DATE     | DWG NO.      |
| BJS        | BJS        | 1:500 A1                                                        | Sep 2023 | CAS/2023/197 |
| DWG. TITLE |            | Planting Plan                                                   |          |              |
| REV.       |            |                                                                 |          |              |

Please do not scale off this drawing. Tree locations not plotted to a topographical survey so locations cannot be confirmed, Dwg is to scale as indicated above.