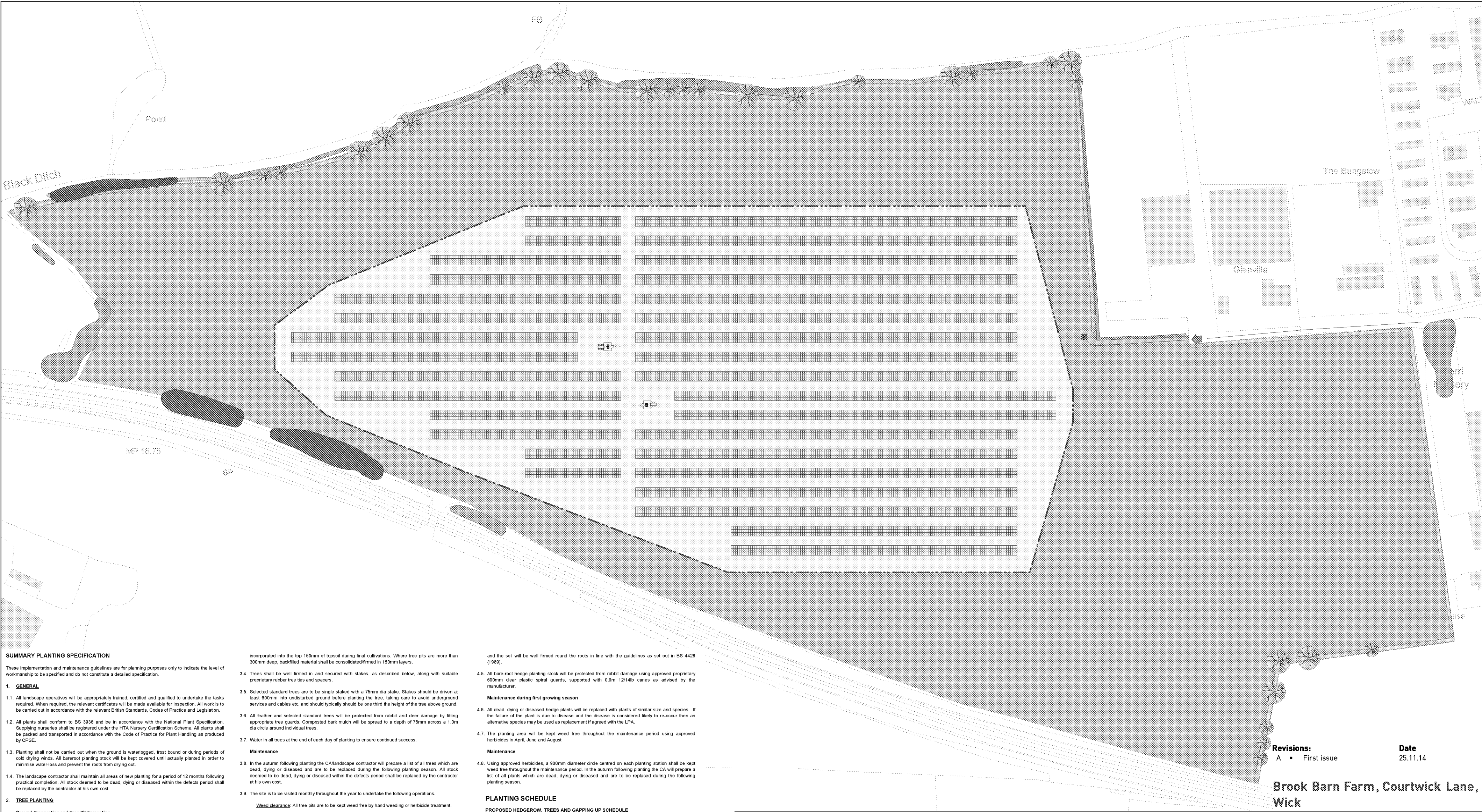




**SUMMARY PLANTING SPECIFICATION**

These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

**1. GENERAL**

1.1. All landscape operatives will be appropriately trained, certified and qualified to undertake the tasks required. When required, the relevant certificates will be made available for inspection. All work is to be carried out in accordance with the relevant British Standards, Codes of Practice and Legislation.

1.2. All plants shall conform to BS 3936 and be in accordance with the National Plant Specification. Supplying nurseries shall be registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.

1.3. Planting shall not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds. All bareroot planting stock will be kept covered until actually planted in order to minimise water-loss and prevent the roots from drying out.

1.4. The landscape contractor shall maintain all areas of new planting for a period of 12 months following practical completion. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

**2. TREE PLANTING**

**Ground Preparation and Tree Pit Excavation**

2.1. Where necessary treat existing weeds with a glyphosate based herbicide and allow a suitable period to elapse, as recommended by the manufacturer, for the herbicide to take effect.

2.2. Tree pits to the below specified size are to be excavated and the base broken up a further 150mm with the sides well scarified to prevent smearing. All extraneous matter such as plastic, wood, metal and stones greater than 50mm in any dimension shall be removed from site.

3. At all times ensure that the tree pit dimensions are 1.5 times the rootball diameter and no deeper than the rootball.

**Typical Tree Pit Sizes**

| Tree Girth (cm) | Tree Pit Dimensions (mm) |
|-----------------|--------------------------|
| 10-12 / 12-14   | 500 x 500 x 300          |

**Tree Planting**

3.1. Trees shall be planted as per the planting pattern as set out on the planting plan and plant schedule.

3.2. The overall recommended minimum rooting depth for trees is 900mm. The first 450mm shall be made up of multi-purpose topsoil; it shall be ensured that a suitable subsoil provides the remainder of the minimum rooting depth.

3.3. Trees are to be placed into pits and backfilled. A general-purpose slow release fertiliser (at the rate of 75g/m<sup>2</sup>) and Tree Planting and Mulching Compost at the rate of (20litres/m<sup>2</sup>) are to be incorporated into the top 150mm of topsoil during final cultivations. Where tree pits are more than 300mm deep, backfilled material shall be consolidated/firmed in 150mm layers.

3.4. Trees shall be well firmed in and secured with stakes, as described below, along with suitable proprietary rubber tree ties and spacers.

3.5. Selected standard trees are to be single staked with a 75mm dia stake. Stakes should be driven at least 600mm into undisturbed ground before planting the tree, taking care to avoid underground services and cables etc. and should typically should be one third the height of the tree above ground.

3.6. All feather and selected standard trees will be protected from rabbit and deer damage by fitting appropriate tree guards. Composted bark mulch will be spread to a depth of 75mm across a 1.0m dia circle around individual trees.

3.7. Water in all trees at the end of each day of planting to ensure continued success.

**Maintenance**

3.8. In the autumn following planting the CA/landscape contractor will prepare a list of all trees which are dead, dying or diseased and are to be replaced during the following planting season. All stock deemed to be dead, dying or diseased within the defects period shall be replaced by the contractor at his own cost.

3.9. The site is to be visited monthly throughout the year to undertake the following operations.

**Weed clearance:** All tree pits are to be kept weed free by hand weeding or herbicide treatment.

**Litter clearance:** All litter is to be removed from tree planting areas.

**Watering:** All planting is to be watered during the growing season following any dry periods of 7 days.

**Checking trees:** All tree ties and stakes are to be checked and adjusted if too loose, too tight or if chuffing is occurring. Any broken stakes are to be replaced.

**Formative pruning:** Any damaged shoots/branches are to be pruned back to healthy wood. Trees are to be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.

**4. NATIVE HEDGE TRANSPLANTS**

**Ground Preparation**

4.1. Where necessary existing weeds will be treated with a glyphosate-based herbicide and a suitable period allowed to elapse, as recommended by the manufacturer, for the herbicide to take effect.

4.2. All extraneous matter such as plastic, wood, metal and stones greater than 50mm diameter will be removed from site to a registered waste disposal facility.

**Planting**

4.3. The planting pattern shall be as set out in the plant schedule on the relevant planting plan.

4.4. Bare-root hedge plants shall be notch planted in a double staggered row at the rate of 5 plants per linear metre (using L-shaped notches) using spades of a design suitable for this purpose. The notches must be vertical and deep enough for the roots to hang freely, with the transplant being planted so that the root collar is exactly level with the ground surface. The notch must then be closed and the soil will be well firmed round the roots in line with the guidelines as set out in BS 4428 (1989).

4.5. All bare-root hedge planting stock will be protected from rabbit damage using approved proprietary 600mm clear plastic spiral guards, supported with 0.9m 12/14lb canes as advised by the manufacturer.

**Maintenance during first growing season**

4.6. All dead, dying or diseased hedge plants will be replaced with plants of similar size and species. If the failure of the plant is due to disease and the disease is considered likely to re-occur then an alternative species may be used as replacement if agreed with the LPA.

4.7. The planting area will be kept weed free throughout the maintenance period using approved herbicides in April, June and August.

**Maintenance**

4.8. Using approved herbicides, a 900mm diameter circle centred on each planting station shall be kept weed free throughout the maintenance period. In the autumn following planting the CA will prepare a list of all plants which are dead, dying or diseased and are to be replaced during the following planting season.

**PLANTING SCHEDULE**

**PROPOSED HEDGEROW, TREES AND GAPPING UP SCHEDULE**

**Trees**  
Select Standards and Feathereds planted within the proposed hedgerow planting, spread evenly throughout the prescribed area in informal groups and singly. Spacing between Standards and Feathereds to be greater than 5m.

| Species        | Form      | Girth cm | Height cm | Root condition |
|----------------|-----------|----------|-----------|----------------|
| Acer campestre | SSd       | 10-12    | 300-350   | 45Lt           |
| Quercus robur  | SSd       | 10-12    | 300-350   | 45Lt           |
| Acer campestre | Feathered | -        | 175-200   | Bare root      |
| Quercus robur  | Feathered | -        | 175-200   | Bare root      |

**Native hedgerow planting**  
@ 5 plants per linear metre in a double staggered row

| Species                  | Form                   | Age + Times Transpl | Height cm | Root condition |
|--------------------------|------------------------|---------------------|-----------|----------------|
| Acer campestre (10%)     | Feathered              | 1+1                 | 125-150   | Bare root      |
| Crataegus monogyna (60%) | Feathered              | 1+1                 | 80-100    | Bare root      |
| Corylus avellana (10%)   | Feathered              | 1+1                 | 40-60     | Bare root      |
| Cornus sanguinea (5%)    | Feathered              | 1+1                 | 60-80     | Bare root      |
| Euonymus europaeus (5%)  | Feathered              | 1+1                 | 60-80     | Bare root      |
| Prunus spinosa (15%)     | Feathered              | 1+2                 | 80-100    | Bare root      |
| Rosa canina (5%)         | Branched with 3 breaks | 1+1                 | -         | Bare root      |

**Note**  
If planting of bare root stock is to be undertaken out of season (ie not from December to March) then cell grown or container should be considered as an alternative to bare root stock.

**KEY**

- Existing Hedgerows
- Existing Trees
- Proposed Native Hedgerow Planting and Gapping Up
- Proposed Trees - Acer campestre
- Proposed Trees - Quercus robur
- Proposed Security Fence (2m high)
- Solar Panels
- Improved Grassland
- Land Retained for Agriculture
- Proposed Cable Route
- Transformer
- Metering Circuit Breaker Housing

**Revisions:**

A • First issue

**Date**

25.11.14

**Brook Barn Farm, Courtwick Lane, Wick**

Site Layout and Planting Proposals

**Anesco**  
complete energy solutions

|                 |                 |
|-----------------|-----------------|
| Drawn by : JS   | Checked by : SH |
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**Pegasus Environmental**

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