

**SOFT LANDSCAPE SPECIFICATION
FOR
STRATEGIC LANDSCAPE PLANTING AT
CLEVE HILL SUBSTATION,
GRAVENEY, KENT**

OCTOBER 2008

ON BEHALF OF LONDON ARRAY LTD

RPS
Planning and Development

RPS Ref: 5866 R 081001 CD Soft Landscape Specification

Date: 16 April 2009

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PRELIMINARIES

A10: PROJECT PARTICULARS

110A The Project

- Name: London Array Substation, Cleve Hill, Graveney, Kent.
- Nature: Implementation and maintenance of strategic landscape planting to the London Array substation development. This includes woodland, hedgerows, wildflower areas and the establishment of pasture for agricultural use.
- Location: The site is located at Cleve Hill to the north of the village of Graveney in North Kent. The site is accessed from the Seasalter Road, which runs between Graveney and Whitstable.

120 Employer (Client)

- Name: London Array Ltd.
- Address: XX
- Telephone: XX
- Contact: XX

130A Principal Contractor

To be appointed.

140A Contract Administrator (Herein Referred To As 'CA')

- Name: RPS
- Address: Mallams Court, 18 Milton park, Abingdon, Oxon, OX13 4RP
- Telephone: 01235 821888
- Contact: Corinna Demmar

180A Project Landscape Architect

- Name: RPS
- Address: Mallams Court, 18 Milton park, Abingdon, Oxon, OX14 4RP
- Telephone: 01235 821888
- Contact: Corinna Demmar

A11: TENDER AND CONTRACT DOCUMENTS

120A Contract Drawings and Reports

- This specification should be read in conjunction with the Contract Drawings, which are:
 - 5866/LP/02 Topsoil Depths
 - 5866/LP/08 Landscape Planting Proposals
 - Planting Matrices for Woodland and hedgerows (to be issued)
- Contract Reports:
 - Management Plan For Strategic For Landscape Areas (to be issued prior to tender)

A12: THE SITE/ EXISTING BUILDINGS

110 The site

- Description: The site has been significantly re-graded and top-soiled. Construction of the new substation on site may be underway or completed at the time of landscape implementation.

140A Existing Mains and Services

- The contractor is advised that services have been installed on site. It is the contractor's responsibility to ascertain for himself the precise nature, location and extent of underground services prior to the commencement of landscape operations.

200A Access to the site

- Description: Access should be arranged through London Array Ltd together with others depending on the phasing of the works at the time of implementation.
- Limitations: Direct access is not permitted from the lane to Cleve Farm and Graveney Hill Farm.

230 Surrounding land/ building uses

- General: Adjacent or nearby uses or activities are as follows:
 - The Seasalter Road lies adjacent to the site
 - The urban development of Graveney is to the south
 - Construction may be underway on site

- Arable and pasture farming in the land surrounding the site
- The 400kV overhead line from Canterbury to Sittingbourne crosses the site.

240 Health and safety hazards

- General: The nature and condition of the site cannot be fully and conclusively ascertained before it is opened up.

Refer to Main Contractors Risk Assessment.

The following contextual hazards are

or may be present:

- Traffic on adjacent Seasalter Road
 - Traffic (including farm vehicles) on single track road from Graveney to Cleve Hill Farm, and the properties along the lane
 - Building and engineering operations on site i.e. ground modelling and construction of new substation.
-
- Information: The accuracy and sufficiency of this information is not guaranteed by the Employer or the Employer's representative. It remains the contractors responsibility to fully ascertain if any additional information as required to ensure the safety of all persons and the Works.
 - Site staff: Draw to the attention of all personnel working on the site the nature of any possible contamination and the need to take appropriate precautionary measures.

A13: DESCRIPTION OF THE WORK

110 Preparatory work by others

- Description: Prior to commencement of this planting contract, all topsoiling operations and hard works construction may have been completed as part of the enabling engineering contract.

Topsoil has been spread to a minimum depth of woodland areas – 450mm, Scrub Areas – 450mm, Hedgerow Areas – 450mm, Pasture 300mm, marginal/wetland Areas – 300mm, Wildflower Areas 100mm.

Grass seeding to planted areas has also been undertaken as part of the engineering contract.

110B Topsoil supply

- The contractor shall satisfy himself that the topsoil is of the required depths. Commencing planting operations shall be seen as acceptance of the soil and liability for all tree and shrub stock.
- There will be a topsoil heaps on the site from which Contractors may draw topsoil without charge. Any disturbance to topsoil heaps to be left in a tidy, SAFE condition.

120 The work

- Description: A block of Woodland to be planted, with hedgerows. Surrounding the woodland as the southern side of the woodland and either side of the access road. The hedgerows along the access road to be interplanted with hedgerow Areas. An area of wildflower waiting to the north of the substation. Wildflower planting to within the woodland along hedgerows and around existing and proposed ponds. Two areas of pasture to be seeded to the south and south-east of the substation and across road and to the north-west of the substation. Amenity planting including ANS trees and hedges between development zones. Maintenance of all planting works.

JCLI AGREEMENT FOR LANDSCAPE WORKS

- The form of contract to be agreed at tender stage.

AGREEMENT FOR LANDSCAPE MAINTENANCE WORKS

- The form of contract to be agreed prior to tender.

A30: TENDERING/ SUBLETTING/ SUPPLY

- Details to be agreed prior to tender.

A31: PROVISION, CONTENT AND USE OF DOCUMENTS

- To be completed prior to tender.

A32: MANAGEMENT OF THE WORKS

- To be completed prior to tender.

A33: QUALITY STANDARDS/ CONTROL

- To be completed prior to tender

A34: SECURITY/ SAFETY/ PROTECTION

- To be completed prior to tender.

A36: FACILITIES/ TEMPORARY WORK/ SERVICES

- To be completed prior to tender

A37: OPERATION/ MAINTENANCE

- To be completed prior to tender

SPECIFICATION

Q30: SEEDING

To be read with Preliminaries/General conditions.

GENERAL INFORMATION/REQUIREMENTS

120 Climatic Conditions

- General: Carry out the work while soil and weather conditions are suitable.

145 Watering

- Quantity: Wet full depth of topsoil.
- Application: Even and without displacing seed, seedlings or soil.
- Frequency: As necessary to ensure the establishment and continued thriving of grass sward.

150A Water Restrictions

- Timing: If water supply is or is likely to be restricted by emergency legislation do not carry out seeding until instructed. If seeding has been carried out, obtain instructions on watering.

170A Setting Out

- Boundaries of seeding areas: Mark clearly.
- Notice: Give notice after setting out is complete to enable inspection to be arranged.

SEEDING (of damaged areas)**311 Grass seed for wildflower, marginal and pasture areas.**

- Supplier: British Seed Houses.
To specification and rates shown in Annex A 'Planting specification – Mixes

335 Sowing Season

- Grass seed generally: during suitable calm weather conditions from mid-March to end of April or late August to mid-October.
summer/early autumn. Avoid sowing wildflower mixtures in dry weather.

MAINTENANCE

- 605** Once planting has commenced, maintenance of seeded areas within planting plots will be the responsibility of the landscape contractor.

Q31 PLANTING

To be read with Preliminaries/General conditions.

GENERAL INFORMATION/ REQUIREMENTS**112A Site Clearance**

- General: Remove rubbish, concrete, metal, glass and contaminated topsoil.
- Stones: Remove those with largest dimension exceeding 75 mm.
- Contamination: Substances injurious to plant growth including subsoil, rubble, fuel, and lubricants.
- Vegetation: Retain and protect trees and existing vegetation to site boundaries as indicated on drawings and agreed on site with the CA. Clear scrub and other surface vegetation to ground level and remove arisings.
- Woodland areas: spray a 750mm diameter circle in the location for each tree to be

planted with an approved non-residual herbicide to remove the existing grass sward.

- Amenity planting areas: Where an established grass sward exists in the areas to be planted with specimen trees and hedgerows, spray with an approved non-residual herbicide an area the size of the planting pit/trench required.

118 Soil Conditions & Handling

It is important to maintain the physical condition of the soil and avoid structural degradation during all phases of soil handling (eg. tree pit excavation, fertiliser incorporation, tree pit backfilling). As a consequence, soil handling operations shall be carried out when soil is reasonably dry and non-plastic (friable) in consistency.

It is important to ensure that the soil is not unnecessarily compacted by trampling or trafficking by site machinery. In addition, topsoil handling shall be stopped during and after heavy rainfall, and not continued until the soil is non-plastic in consistency. If, at any stage during the course of the soiling works, the soil is structurally damaged and compacted, the contractor shall ensure that it is suitably cultivated to relieve the compaction and restore the structure prior to any planting.

- Soil for cultivating and planting: Moist, friable and not waterlogged.
- Frozen or snow covered soil: Give notice before planting. Provide additional root protection. Prevent planting pit sides and bases and backfill materials from freezing.

120 Climatic Conditions

- General: Carry out the work while soil and weather conditions are suitable. Do not plant during periods of frost, strong winds or excessive rain fall.

125A Times of year for planting

- Deciduous trees and shrubs: Generally early November to late March.
- Container grown plants: At any time if ground and weather conditions are favourable. Ensure that adequate watering and weed control is provided.

130 Mechanical Tools

- Restrictions: Do not use within 100 mm of tree and plant stems.

145 Watering

- Quantity: Wet full depth of topsoil.
- Application: Even and without damaging or displacing plants or soil.
- Frequency: As necessary to ensure establishment and continued thriving of planting.

150 Water Restrictions

- General: If water supply is or is likely to be restricted by emergency legislation, do not carry out planting until instructed. If planting has been carried out, obtain instructions on watering.

160A Notice

- Give notice to CA before:
 - Setting out.
 - Delivery of plants/ trees.
 - Planting and transplanting
 - Application of mulch
 - Each site visit during maintenance period
- Period of notice: 7 days.

165A Preparation, Planting and Mulching Materials

- General: Free from toxins, pathogens or other extraneous substances harmful to plant, animal or human life.
- Certification: Submit a certificate giving supply source, content analysis, confirmation of suitability for purpose and confirmation of absence of harmful substances.
 - Certified materials: pesticides, fertilisers, soil ameliorants and bark mulch
- For the following materials submit a 1 litre sample for approval to the contract administrator.
 1. Ameliorants
 2. Mulches
 - Give 7 days notice before ordering or using.

200A Plants/ Trees - General

- Condition: Materially undamaged, sturdy, healthy and vigorous.
- Appearance: Of good shape and without elongated shoots.
- Hardiness: Grown in a suitable environment and hardened off.
- Health: Free from pests, diseases, discoloration, weeds and physiological

disorders.

- Root system and condition: To comply with the requirements of National Plant Specification and balanced with branch system.
- Species: True to name.
- Origin/ Provenance: As scheduled. Origin and Provenance have the meaning given in the National Plant Specification.

215A Plants/ Trees - Specification Criteria

- Name, forms, dimensions, provenance and other criteria: As scheduled and defined in the National Plant Specification.

235 Bare root plants to be used. Where Container Grown Plants/ Trees are used as a substitute the following will apply:

- Growing medium: With adequate nutrients for plants to thrive until permanently planted.
- Plants: Centred in containers, firmed and well watered.
- Root growth: Substantially filling containers, but not root bound, and in a condition conducive to successful transplanting.
- Hardiness: Grown in the open for at least two months before being supplied.
- Containers: With holes adequate for drainage when placed on any substrate commonly used under irrigation systems.

245A Labelling and information

- General: Provide each plant/ tree or group of plants/ trees of a single species or cultivar with supplier's labelling for delivery to site, showing:
 - Full botanical name.
 - Total number.
 - Supplier's name.
 - Employers name and project reference
 - Plant specification, in accordance with scheduled National Plant Specification categories.

250A Supply of Trees/Shrubs – obtain plants from suppliers listed below unless otherwise agreed at time of tender with the CA in writing.

Supplier list to be completed prior to tender.

251 Make arrangements for all tree/transplant stock to be inspected by the CA and client representative at the supplying nursery/s. Costs to be covered by the contractor.

260 Plant/ Tree Substitution

- Plants/ trees unobtainable or known to be likely to be unobtainable at time of ordering: Submit alternatives, stating:
 - Price.
 - Difference from specified plants/ trees.
- Further alternatives: Proposed substitutions may not be acceptable and submission of further alternatives may be required.
- Approval: Obtain before making any substitution.

265 Plant/ tree handling, storage and transport

- Standard: To CPSE 'Handling and establishing landscape plants' (obtainable from the Horticultural Trades Association) Part I, Part II and Part III, paragraphs 1.3.3 to 1.3.6, 3.0, and 4.0.
- Frost: Protect plants/ trees from frost.
- Handling: Handle plants/ trees with care. Protect from mechanical damage and do not subject to shock, e.g. by dropping from a vehicle.
- Plant packaging: Black polyethylene bags.
- Packaging of bulk quantities: Pallets or bins sealed with polyethylene and shrink wrapped.

270 Planting Generally

- Standard: To CPSE 'Handling and establishing landscape plants' (obtainable from the Horticultural Trades Association) Part III, paragraphs 6.2 to 6.6.
- Appearance: Plant upright or well balanced with best side to front.

290 Surplus Material

- General: Remove subsoil, stones, debris, wrapping material, canes, ties, temporary labelling, prunings and other arisings/ rubbish.

PREPARATION OF PLANTING BEDS/ PLANTING MATERIALS

335 General Fertiliser

- Locations: All planting beds.

- Manufacturer: Scotts
 - Product reference: Enmag compound slow release fertiliser
 - (4%N: 19%P205: 10%K20: 7.5%MgO).
- Application: Apply at 60g/m² to each plant position in accordance with the manufacturers recommended rates .
- Timing: At the time of planting.
- Substitutions: Contractor to specify alternatives with their Tenders.

341 Peat

- Peat or products containing peat: Do not use.

359A Bark Mulch

- Locations: To amenity planting areas only. (Extra Heavy Standard trees and sculptured hedges)
- Product reference: Amenity Bark Mulch.
- Manufacturer/ Supplier:
Melcourt Industries Ltd
Boldridge Brake
Long Newton
Tetbury
Gloucestershire
GL8 8RT
Tel: 01666 502711
(or similar and approved)
- Coverage: 75mm thick.
- Timing: After planting.
- Substitutions: Contractor to specify alternatives with their Tenders, providing a sample to be approved by the CA..

375 Ripping

- As permitted by the presence of underground services and roots of existing trees, all **disturbed** planting areas (i.e. those where regrading has occurred) shall be ripped with a single winged tine subsoiler to a depth of c. 750mm (minimum 600mm) at 1500mm centres in the direction of the contour or to slight fall to relieve compaction.
The contractor is to make himself aware of all existing service information prior to

carrying out any cultivation works.

- The contractor shall allow for further ripping and/or associated activities deemed necessary by the CA where areas have been trafficked and compacted as part of these works.
- Following ripping carefully grade topsoil levels to smooth flowing contours to remove surface irregularities and over-seed in accordance with this specification as necessary following planting operations.

376 Cultivation

- Cultivation (as required by type of planting operations): Loosen, aerate and break up soil into particles of 2 – 8mm
 - Depth: full depth of topsoil & 150mm into underlying chalk.
 - Timing: Within 10 days prior to planting.
 - Weather and ground conditions: Suitably dry.
- Surface: Leave regular and even.
- Undesirable material brought to the surface: Remove, including weeds, roots, Stones and clods larger than 50mm in any dimension, tufts of grass and foreign matter.
- Soil within root spread of trees and shrubs to be retained: Do not dig or cultivate.

PLANTING HEDGES

401A Plant Layout

- Spacing: In regular triple staggered rows.
- Density: At 450mm centres within rows and 300mm between rows.

470A Naturalised Hedges (Native Hedge mix)

- Timing: Excavate trench 1-2 days maximum before planting
- Planting: In trenches 1m wide or larger if required to take full spread of roots. Set out plants evenly in a triple staggered row, as scheduled.

476A Backfilling Material to planting trenches

- Composition: As dug topsoil

480A After Planting

- Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.

- Firming: Lightly firm soil around plants and fork and/ or rake soil, without damaging roots, to a fine tilth with gentle cambers and no hollows.

480B Spiral Shelter

- Locations: to be placed around all hedge plants which are not protected by rabbit proof fencing.
- Type: 600mm high x 50mm dia, round plastic spiral guard providing rabbit protection and supported by a single bamboo cane; 90cm long (12-14lb/100 weight).

Supplied by:

Acorn Planting Products Limited or similar approved

Little Money Road

Loddon

Norwich

NR14 6JD

Tel: 01508 528763

- Colour: Clear

480B Shrub Guard

- Locations: to be placed around all evergreen hedge plants which are not protected by rabbit proof fencing.
- Type: 600mm high x dia to suit species, typically 170-200mm dia size, 12mm square mesh plastic netting providing rabbit protection. Support via integral ties to 25 x 25 x 750mm timber stake.

Supplied by:

Acorn Planting Products Limited or similar approved

Little Money Road

Loddon

Norwich

NR14 6JD

Tel: 01508 528763

- Colour: Clear

PLANTING STANDARD TREES

505 Tree Pits - Generally

- Sizes: See table below. Increase where necessary to ensure at least 75 mm deeper than root system and wide enough to accommodate roots when fully

spread.

- Sloping ground: Maintain horizontal bases and vertical sides with no less than minimum depth throughout.
- Pit bottoms: With slightly raised centre. Break up to a depth of 150 mm.
- Pit sides: Scarify.
- Additional requirements: None.
- Backfilling material: As clause 586.

505A Tree Pit Sizes

	Dia (mm)	Minimum Depth (mm)
Selected Standards (Disturbed ground)	1000	1000

512 Tree Pit Accessories

- Locations: All Advanced Nursery Trees (not protected by rabbit fencing).
- Product: Plastic spiral rabbit/shelter guard
- Type: 600mm high dia to suit stem (nominal 63mm), placed around the base of each tree.

Supplied by:

Acorn Planting Products Limited or similar approved

Little Money Road

Loddon

Norwich

NR14 6JD

Tel: 01508 528763

- Colour: Clear

535 Staking of Selected Standard trees

- Stakes: Softwood, peeled chestnut, larch or oak, free from projections and large or edge knots and with pointed lower end.
 - Preservative treatment: To BS 4072 to minimum 150 mm above ground level.
- Nails: To BS 1202-1, galvanised, minimum 25 mm long and with 10 mm diameter heads.
- Minimum stake sizes: 75mm in diameter and pointed at the lower end.

545A Short single staking for Selected Standard trees in Woodland Blocks

- Staking: Position stake close to tree on windward side and drive vertically at least 300 mm into bottom of pit before planting. Consolidate material around stake during backfilling.
- Height of stakes: Cut off to approximately 1/3 stem height or 600mm above ground level whichever is the shorter.
- Ties: To be supplied by

J Toms Ltd

Tel: 01622 891111 or similar approved:

- i) Solid moulded rubber pad and
 - ii) 25mm wide nylon reinforced, adjustable rubber belt secured to stake using galvanised clout nail in accordance with manufacturers recommendations.
- Tying: Secure tree firmly but not rigidly to stake with one tie within 25 mm of top of stake.

586B Backfill Material to planting pits for Selected Standards on *DISTURBED GROUND*

Total tree pit depth = nominal 1000mm

- Ensure base and sides of pit is well broken up
- Backfill the bottom 400mm with site won chalk arisings with no fines from topsoil storage pile on site..
- Consolidate 200mm washed medium to coarse sand
- Backfill top 400mm using the upper layers of the excavated topsoil.
- Topsoil Composition: Upper layers of site won topsoil plus slow release fertiliser as clause 350

590 Mulching ANS Trees

- Material: See clause 359A.
 - Purity: Free of pests, disease, fungus and weeds.
- Preparation: Clear all weeds. Water soil thoroughly.
- Coverage: in circles around stem of each tree 1.0m diameter, 75 mm thick.

WOODLAND BLOCK PLANTING (Excluding Standard Trees)

680 Setting Out

- Planting density: Please refer to Annex A for details
- Layout: As per matrix drawings Annex B.
- Rabbit proof fencing: To all woodland block areas. See Clause Q40

685A Planting Pits

- Timing: Excavate pits no more than 48 hours before planting
- Sizes: 150 mm wider than roots when fully spread (approximately 300mm) and 300 mm deep.
- Additional requirements: Increase dimensions where necessary to ensure that pits are at least 75 mm deeper than root system and wide enough to accommodate roots when fully spread.
- Pit bottom improvement: Break up to a depth of 100mm.
- Backfilling material: As clause 586A.
- Accessories: Stake and tie each transplant with a timber stake.

586A Staking of Transplants in Woodland Blocks

- Stakes: Square sawn softwood stakes with pointed lower end.
 - Preservative treatment: CCA treated.
- Minimum stake sizes: 750mm x 25mm x 25mm.

587A Staking of Transplants

- Staking: Position stake close to tree on windward side and drive vertically at least 300 mm into bottom of pit before planting. Consolidate material around stake during backfilling.
- Height of stakes: approximately 450mm above ground level
- Ties: Plastic 'Interlock Ties' supplied by:

Acorn Planting Products Limited or similar approved

Little Money Road

Loddon

Norwich

NR14 6JD

Tel: 01508 528763

- Contractor to specify alternatives with their Tenders.
- Tying: Secure tree firmly but not rigidly to stake with one tie within 25 mm of top of stake.

690 After Planting

- Watering: Immediately after planting, thoroughly and without damaging or displacing plants or soil.
- Firming: Lightly firm soil around plants.

PROTECTING/ MAINTAINING/ MAKING GOOD DEFECTS

(To be read in conjunction with separate RPS Management Plan – to be completed)

710 Maintenance

- Duration: Carry out the operations in the following clauses from completion of planting until the end of the 36 month defects liability period.
- Frequency of maintenance visits: Monthly during growing season or as agreed maintenance schedule.

720 Failures of planting

- General: Plants/ trees/ shrubs that have failed to thrive (unless due to theft or malicious damage after practical completion) during period stated in clause 710, will be regarded as defects due to materials or workmanship not in accordance with the Contract and shall be replaced with equivalent plants/ trees/ shrubs.
- **During the 36 month defects period replacement planting as agreed with the CA shall be carried out every 12 months post practical completion.**
- Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
- Timing of making good: During the next suitable planting season.

740 Cleanliness

- Soil and arisings: Remove from hard surfaces and grassed areas.
- General: Leave the works in a clean tidy condition at Completion and after any maintenance operations. Maintain planted areas free from litter.

750 Woodland Planting and Hedge Maintenance

- Watering: Only as necessary to prevent plant wilting and death.
- Loose plants: Refirm surrounding soil, without compacting.
- Weed control: Maintain weed free area around each tree and shrub 750mm in diameter (or in the case of hedges, a 1m wide strip the length of the hedge) by use of an approved non-residual herbicide for the first two years. Following this, spray any significant notifiable and/or pernicious weeds with an approved selective non-residual herbicide following agreement with the Contract Administrator.
- Nurse species (*Populus tremula*) to be removed after canopies of adjacent trees have joined; remaining trees to be thinned where necessary. *Only as instructed by the CA.*
- Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools during grass maintenance.

Any damage that could reasonably affect the future health and longevity of the plant will require the plant to be replaced at the same size at the contractors expense.

- Staking: Check condition of stakes, ties, guys, shelters and guards. Replace broken or missing items. Adjust if necessary to allow for growth and prevent rubbing of bark. Cut back any damaged bark. **After 2 years, remove all stakes, ties and shelters and remove from site.**

760A Planting Maintenance - Pruning

- General: Prune at appropriate times for species, to remove dead or dying and diseased wood and suckers, to promote healthy growth and natural shape of species.
- Trees: prune to reflect natural habit of species and to favour a single central leader.
- Hedges: to be maintained at a clipped height of 2.5m

765 Planting Maintenance - Watering

- General: As clauses 145 and 150.

780 Maintenance Instructions

- General: Before end of the period stated in clause 710, submit printed instructions recommending procedures to be established by the Employer for maintenance of the planting work for one full year: Provide a schedule of any ongoing maintenance problems experienced during the defects liability period.

790 Final Mulching

- Timing: At end of the period stated in clause 710.
- Watering: Ensure that soil is thoroughly moistened prior to remulching, applying water where necessary.
- Trees: Remulch as clause 590.

Coverage: To make up the required depth as clause 590.

Q40: FENCING (Rabbit Protection)

140 General Pattern Wire Mesh Fencing

- Standard: To BS 1722-2.
- Height: 900 mm.
- Mesh: Hexagonal, 31 x 1200 x 18 to BS EN10223-2, with 150mm of netting buried

below ground and 150mm turned outwards from protected areas.

- Posts and struts: Round wood with pointed end.
 - Treatment: To BS 5589 CCA performance category B.
- Maximum centres of posts:
 - Straining posts: 150 m in straight runs and at all ends, corners, changes of direction and acute variations in level.
 - Intermediate posts: 3.5 m.
- Method of setting posts and struts:
 - Straining posts: Driven to a minimum depth of 600 mm.
 - Struts: Driven to a minimum depth of 450 mm.
 - Intermediate posts: Driven to a minimum depth of 600 mm.
- Other requirements: None.

610 Installation

- Set out and erect:
 - In straight lines or smoothly flowing curves enclosing each area of woodland planting and any associated proposed native hedgerow.
 - With tops of posts following profile of the ground.
 - With posts set rigid, plumb and to specified depth, or greater where necessary to ensure adequate support.
 - With correct fasteners and all components securely fixed.

650 Driven Posts

- Damage to heads: Minimise.
 - Repair: Neatly finish post tops after installation removing snags.

670 Site Cutting Of Wood

- General: Kept to a minimum. Below or near ground level: Cutting prohibited.
- Treatment of surfaces exposed by minor cutting and drilling: Two flood coats of solution recommended for the purpose by main treatment solution manufacturer.