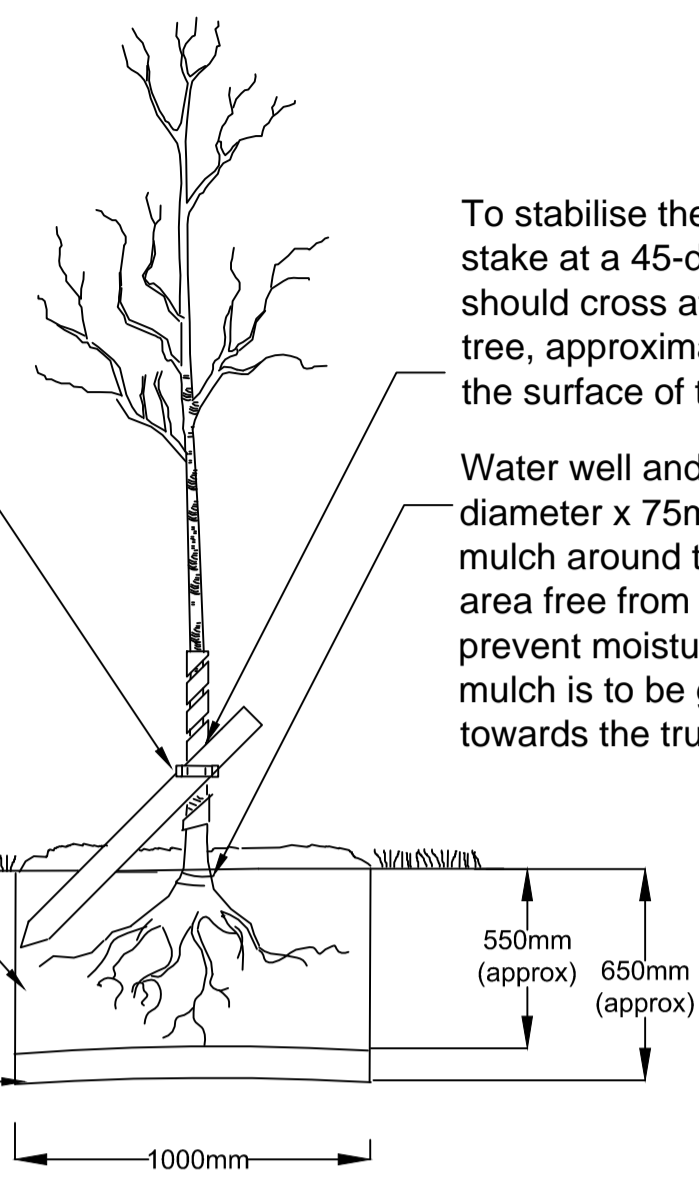


**Tree Planting Detail**  
8-10cm girth, Standards  
Scattered & Individual trees

Firmly fix the tree to the stake with a plastic tree tie, keeping the spacer in the gap between the stake and trunk.

Back-fill with 40% compost and 60% topsoil.

Pit base forked for drainage. Drainage gravel to be considered where ground conditions are poor.



To stabilise the tree, drive a 1.65m stake at a 45-degree angle. This should cross at the lower base of the tree, approximately 300mm above the surface of the soil.

Water well and spread a 750mm diameter x 75mm depth layer of mulch around the trunk to keep the area free from weeds and help prevent moisture loss. The layer of mulch is to be graded to slope towards the trunk.

\*Note - Dimensions for tree pits to be agreed with the site supervisor, in line with Table 30/1, 3000 series, DMRB Volume 1.

NOT TO SCALE

**Planting Information - Topsoil:**

From site inspection, ground conditions are generally poor. Site won topsoils may require amelioration to provide sufficient conditions for planting. Vegetation clearance of stumps and woody material and their subsequent incineration, may provide an ash residue that could be incorporated into the topsoil. Test analysis to be undertaken of the ash residue following incineration and liaison undertaken with the site supervisor to determine suitability. Refer to general specification for further details.

Translocated turves will be incorporated in a number of woodland and high forest plot areas. No soil placement is required in these locations. See 3000 series drawings for receptor site locations.

- Topsoil is to be spread to the following depths:
- 100mm Amenity Grassland Areas (including verge)
- 100mm Marsh Wet Grassland Areas
- None required for Species Rich Grassland
- 200mm General Planting Areas
- 300mm Ornamental Planting Area & Plot NS-B2 (imported soils only)
- N/A Return to Agriculture Areas (to be reinstated as original conditions)

Imported topsoil also to be used as backfill to trees & shrubs on the scheme.

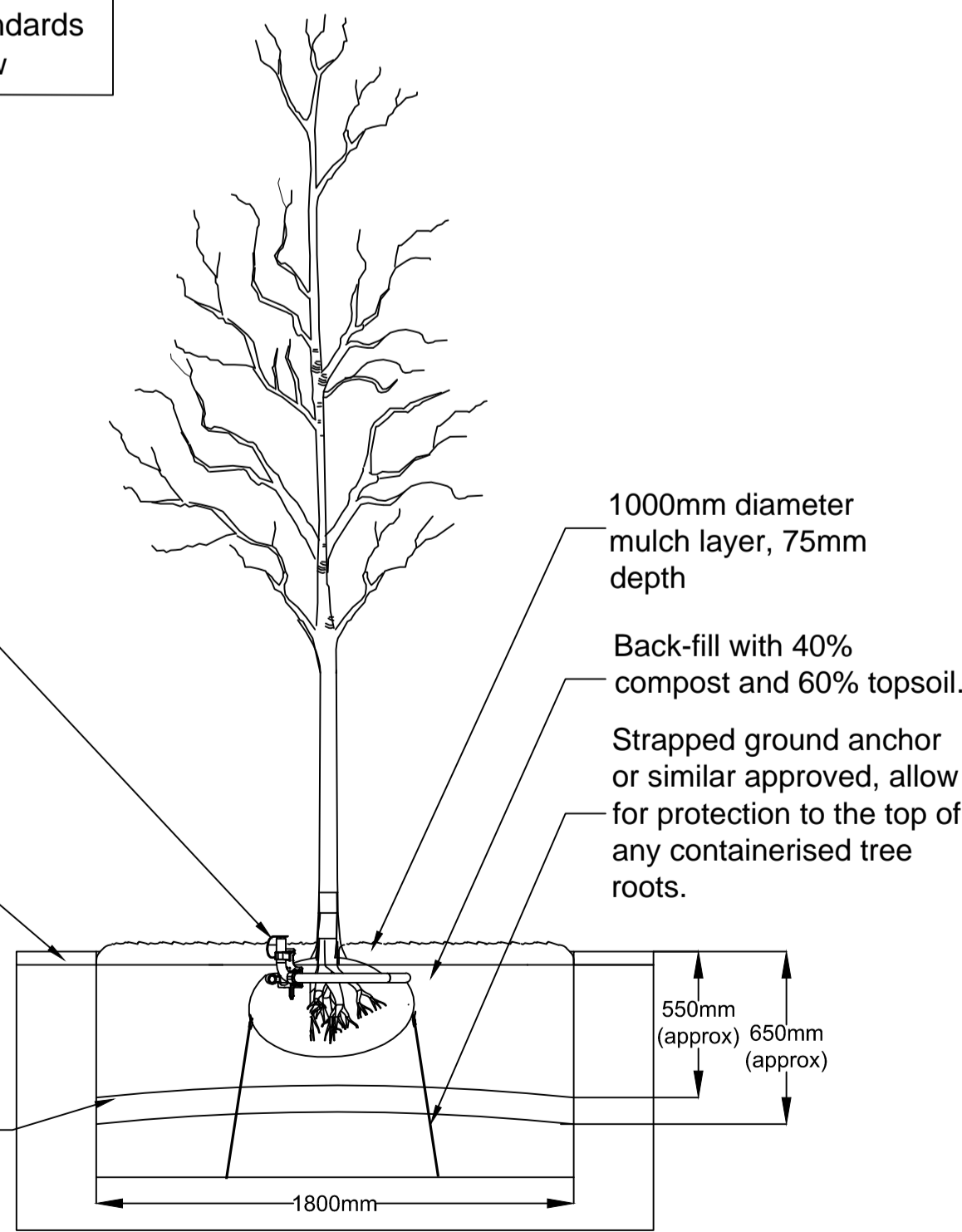
**Tree Planting Detail**  
18-20cm girth, Extra Heavy Standards  
Specimen trees to Maws Meadow

Based on Greenleaf GR1001 or similar approved.

Irrigation system pipe where appropriate. Ensure filler cap finishes slightly above mulch level

Top-soil and seed or turf

Loosen and shape base as shown to aid root penetration and pit drainage. Drainage gravel to be considered where ground conditions are poor.



1000mm diameter mulch layer, 75mm depth

Back-fill with 40% compost and 60% topsoil.

Strapped ground anchor or similar approved, allow for protection to the top of any containerised tree roots.

\*Note - Dimensions for tree pits to be agreed with the site supervisor, in line with Table 30/1, 3000 series, DMRB Volume 1.

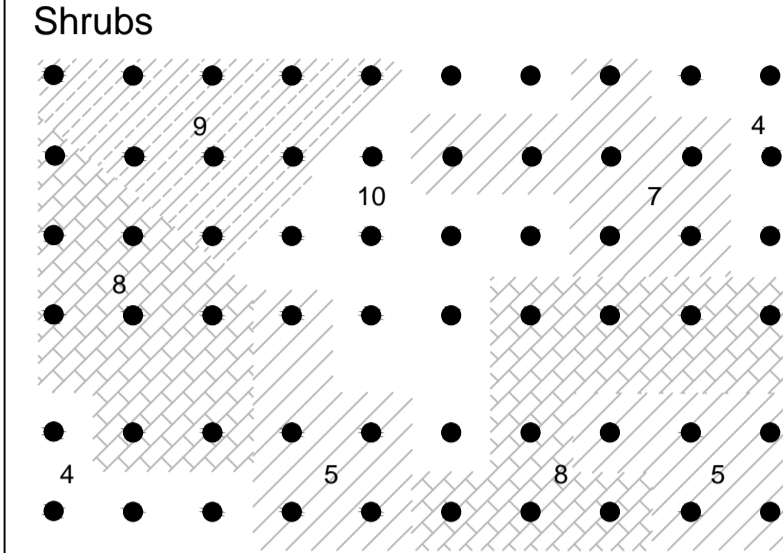
NOT TO SCALE

**Planting Matrix Examples**  
Main landscape element types

**Planting Information**  
Proposed mass shrub planting @ 1m centres  
Proposed woodland planting @ 1.8m centres  
Proposed high forest planting @ 2m centres

Proposed feathered tree groups where within shrub plots, planted @ 3m to 4.5m centres  
Planting stock to be bare root stock, unless specified.  
Plant specification and schedules to be confirmed at detail design.

**Landscape Element LE2.6**

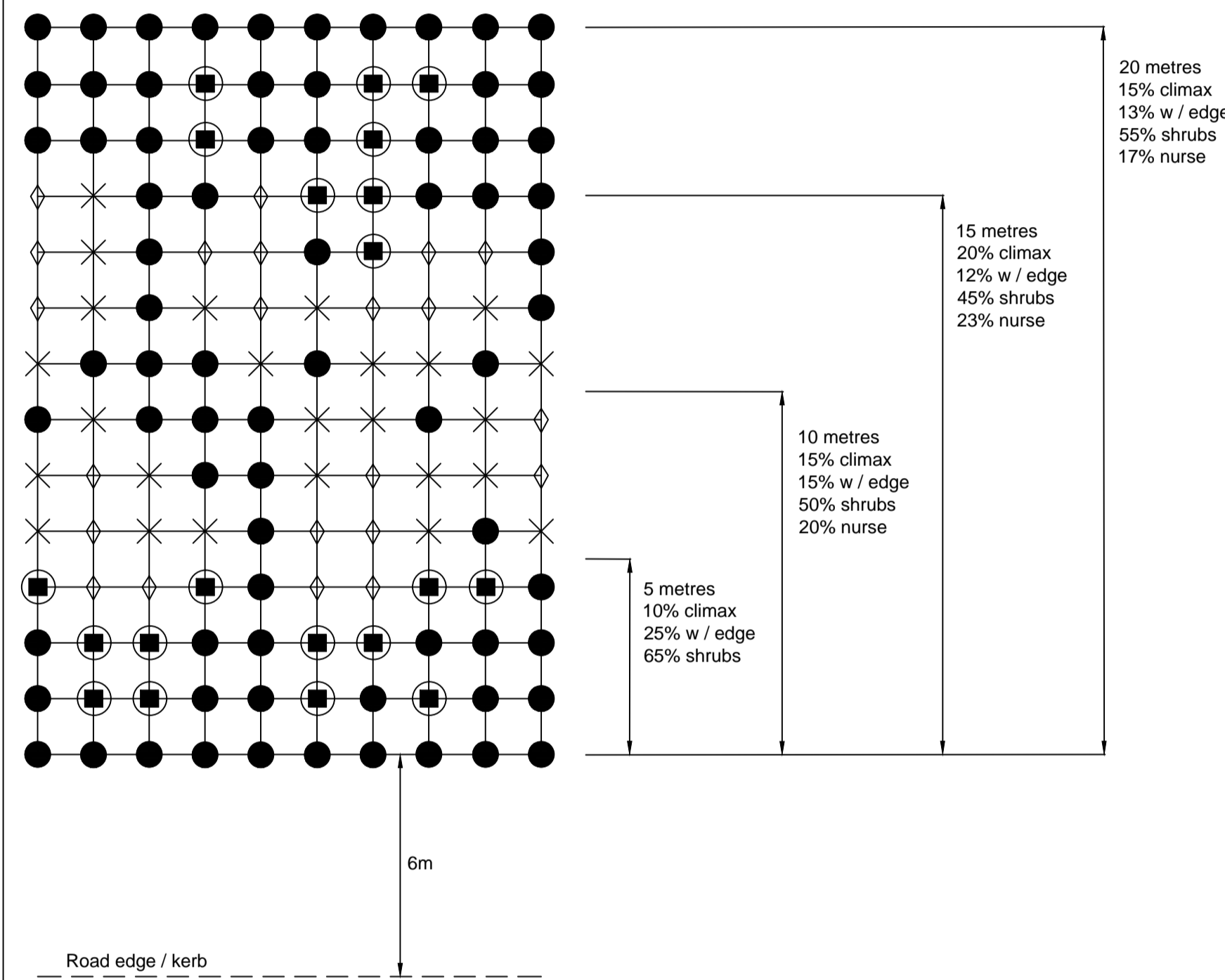


**Landscape Element LE2.6**  
Shrubs

- Shrub Stations

**Notes:**  
1. No shrub species closer than 4m from edge of road.  
2. Example distribution of shrubs showing 4 species planted in groups of 3-10 plants per group.  
3. Only *Corylus avellana*, *Prunus spinosa* and *Rosa canina* to be planted in the first 3 rows (nearest the road edge). This is in accordance with highways engineers requirements to place plants with a 250mm trunk girth or greater at least 7m from the edge of carriageway.

**Landscape Element LE2.1**  
Woodland/Woodland Edge

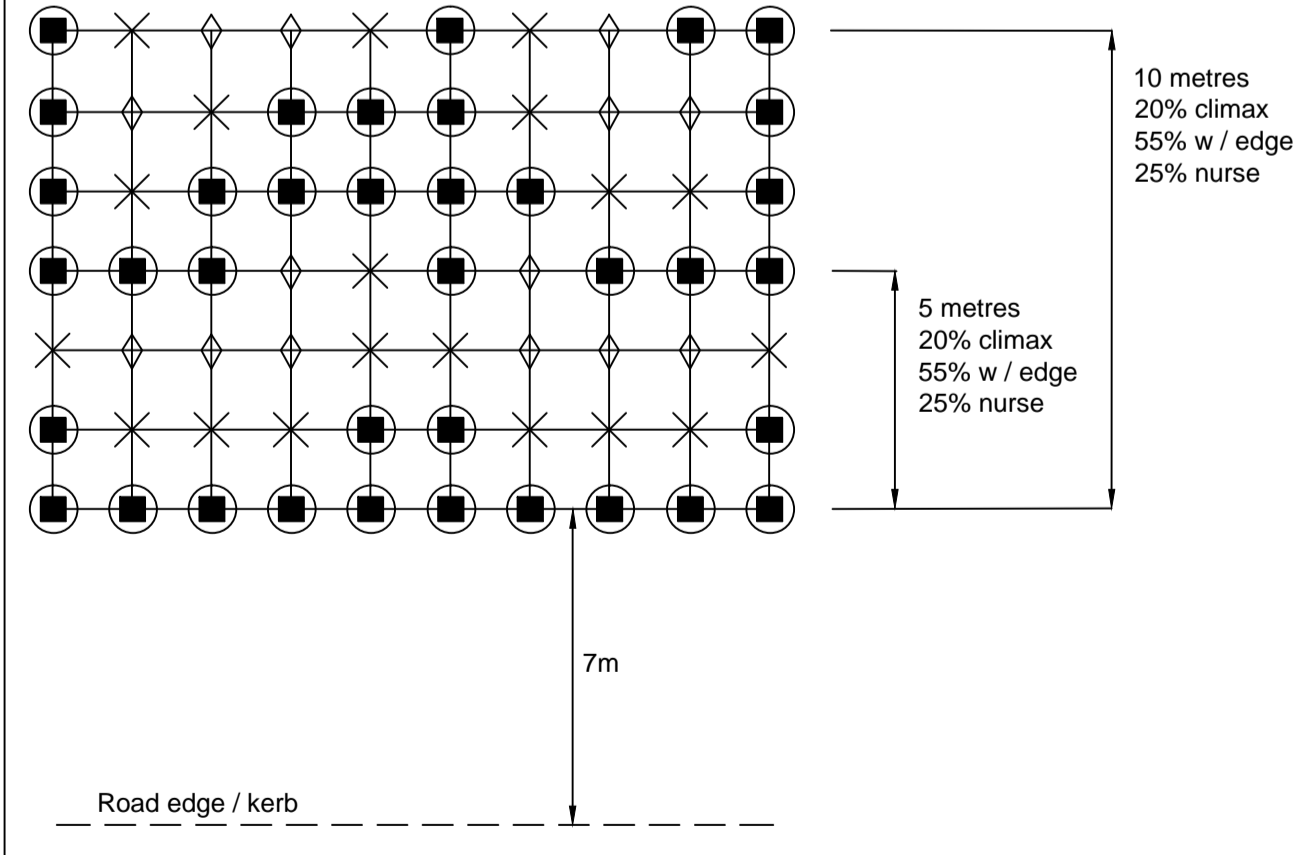


**Landscape Element LE2.1**  
Woodland/Woodland Edge

- Shrubs
- Woodland edge trees
- × Pioneer/nurse trees
- ◇ Climax Trees

**Notes:**  
1. No shrub species closer than 4m from edge of road.  
2. Only *Corylus avellana*, *Prunus spinosa* and *Rosa canina* to be planted in the first row (nearest the road edge).  
3. No tree species closer than 7m from edge of road.

**Landscape Element LE2.3**  
High Forest



**Landscape Element LE2.3**  
High Forest

- Woodland edge trees
- × Pioneer/nurse trees
- ◇ Climax Trees

**Notes:**  
1. No tree species closer than 7m from edge of road.

**Planting Protection:**

Tubular shelter guards : 600mm high x 150mm diameter for listed shrubs and 300mm in diameter for certain species such as holly. All tubes to be secured in position by two ties, to a preservative treated wooden stake 90x25x25mm driven firmly into the ground to a depth of 300mm minimum.

Tubular shelter guards : 600mm high x 80-110mm diameter for listed tree transplants. Individual feathered or standard tree guards to be spiral tree shelter 600mm high x 50mm diameter. Allow for a bamboo cane support where required.

Allow for removal of all planting stakes and shelter guards at the end of Year 3 of the maintenance period, on the approval of the Site Supervisor.

**Notes**

All planting shall adhere to the planting guidelines set out in the Environmental Statement (ES) and the Environmental Masterplan (EMP).

Refer to the **Planting Schedule** for details of the planting works.

Refer to the **Planting Specification** for planting and maintenance requirements.

**PLANT SETTING OUT GUIDANCE:**

The following restrictions shall apply adjacent to services:

a/ Water pipelines, drainage pipes, firemain, telephone, cable & wireless ducts and LV ducting: Do NOT plant trees or shrubs within 5m

b/ Electricity cables: Do NOT plant shrubs/trees within 4m of underground power cables: Trees of a potential height greater than 5m not to be planted within 10m of underground power cables.

c/ Overhead transmission lines: Do NOT plant trees within 10m of line or large shrubs within 5m of line or post. Low growing shrubs beneath line is acceptable subject to agreement with Western Power Electric.

d/ Gas pipelines: Do NOT plant trees within 6m of pipeline or shrubs within 1.5m of pipeline, unless planting with groundcover species or where soil mounding is present.

e/ Swales: Trees and shrubs are permissible within the swales. Do NOT plant shrubs/trees closer than 3/5m from outfalls

Refer to drawing B1894500/2700/01 for details of utilities.

0	09/01/2014	ORIGINAL	TS	HP	HP	DL
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
Hollinswood House, Stafford Court, Stafford Park 1, Telford, UK, TF3 3DD Tel:+44(0)1952.236500 Fax:+44(0)1952.236501 www.jacobs.com						
Client						
Jonathan Rowe, Assistant Director of Neighbourhood and Leisure Services, Darby House, Telford, TF3 4JA						
Project	JACKFIELD STABILISATION					
Drawing title	LANDSCAPE PLANTING INFORMATION & SCHEDULES 1 OF 3					
Drawing status	FOR CONSTRUCTION					
Scale	NOT TO SCALE		DO NOT SCALE			
Jacobs No.	B1894500					
Client no.						
Drawing number	B1894500/C/3000/07					Rev
						0
This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						