Tree Planting Specification

Specification Summary

PLANTING NOTES: All plants to be supplied in accordance with HTA 'National Plant Specification and from a HTA certified nursery. All trees and plants to be supplied in accordance with BS3936: Part 1 (1992) and planted in accordance with BS4428 (1999). Delivery and handling of all plant material to be in accordance with CPSE 'Handling and Establishment of Landscape Plants 1996'. All plants will be watered in a field capacity immediately after planting.

Trees

All conifers are to be containerised, deciduous to be root-balled nursery standards and in accordance with BS 3936/5236 all planted in a pits 1000x1000x600. Excavated subsoil or stone shall be carted off site to tip. The bottom 250mm of the pit shall be dug and broken up. Backfill shall be imported topsoil as specified unless otherwise directed.

Tree Planting - The trees shall be set upright and at the same depth as grown in the nursery. Topsoil or compost/topsoil mixture shall be backfilled. Backfilling should be done to ensure close contact between the root ball and soil by firming in layers. The soil shall be left level and tidy, any subsoil clods, bricks or stones over 50mm arising shall be collected and carted off site.

Planting Stakes - Each tree shall have one stake long enough to drive until they hold the tree firmly without rocking.

Tree Ties - Ties shall be biodegradable i.e. made of hessian such as 'Naturetie' supplied by Greenleaf Horticulture - www.greenleaftrees.co.uk

Hedge

Hedge Planting - Hedge plants to be in accordance with BS 3936. All plants shall be 40-60cm or 1+1 transplants, planted in a double row 300mm apart and at 4 per linier meter (or as scheduled). Well water plants immediately after planting and prior to spreading of mulch.

Mulching - A 75mm compacted layer of medium grade pulverised bark, with a particle size of not more than 100mm and containing no more than 10% fines, shall be spread to form a continuous layer covering the whole of the planting bed, tree pit and hedge.

Soil

Imported or as saved topsoil to be in accordance with BS3882 'Premium Grade'. Screened or manufactured topsoil is not acceptable. Topsoil is to be free from weeds, stones and debris over 25mm in size

Weed Clearance

Areas to be planted shall be cleared of any grass and weed growth physically and/or chemically with translocated herbicide (glyphosate based) prior to cultivation operations. All roots of perennial weeds shall be removed. More than one application may be necessary to ensure eradication.

MAINTENANCE / AFTERCARE

The landscape contractor shall maintain all the planting areas for a period of 3 years following practical completion. All planting areas are to be kept well watered and weed free for the duration of the maintenance period. All plants that are found dead, diseased or dying at the end of the first growing season shall be replaced at the contractors own expense in the next available growing season.

Shrub and Hedge Planting, Irrigation & Maintenance

Water retention polymer and alginure soil conditioner to be added to the backfill mixture at the manufacturer's recommended rates.

The planted shrubs and hedge will be watered to soil field capacity twice monthly during the months of April, May, June, July, August and September for a period of two years and thereafter until established, watering to field capacity will be undertaken during the summer months when the ground dries out to a depth of 5 cm and/ or when no rain has fallen for a two week period.

Weed control will be undertaken by the use of translocated herbicide (Glyphosate based) or manual pulling for three years post planting.

Tree Planting, Irrigation & Maintenance

The original soil if of good quality will be used in the backfill. Water retention polymer and alginure soil conditioner to be added to the backfill mixture at the manufacturer's recommended rates. Tree planting compost is to be added to the backfill and mixed at a rate of 5 parts soil to one part compost. Care will be taken to ensure that the topsoil and subsoil are not mixed together and will be backfilled with the subsoil at the base of the pit and topsoil at the top of the pit. If the tree pit soil has to be replaced due its poor quality, topsoil matching the existing soil type and meeting BS 3882:2007 standards will be used.

Greenleaf RootRain Urban irrigation pipe to be used. Plant tree with irrigation tube at a depth of between 150 and 250mm below top of rootball.

The planted tree will be watered with 30 litres of water every two weeks (twice monthly) during the months of April, May, June, July, August and September for a period of two years post planting. In year three post planting the tree will be watered with 30 litres of water once a month during the months April to September (inclusive) and thereafter until established, watering will be undertaken during the summer months when the ground dries out to a depth of 5 cm and/ or when no rain has fallen for a two week period.

Half of the irrigation water will be applied via the irrigation pipe and half over the surface of the pit area, so that it soaks into the area of the rootball. Care will be taken to ensure that water does not run off the surface, taking it away from the tree. If necessary a ring of soil around the edge of the tree pit will be created to retain the water as it is applied.

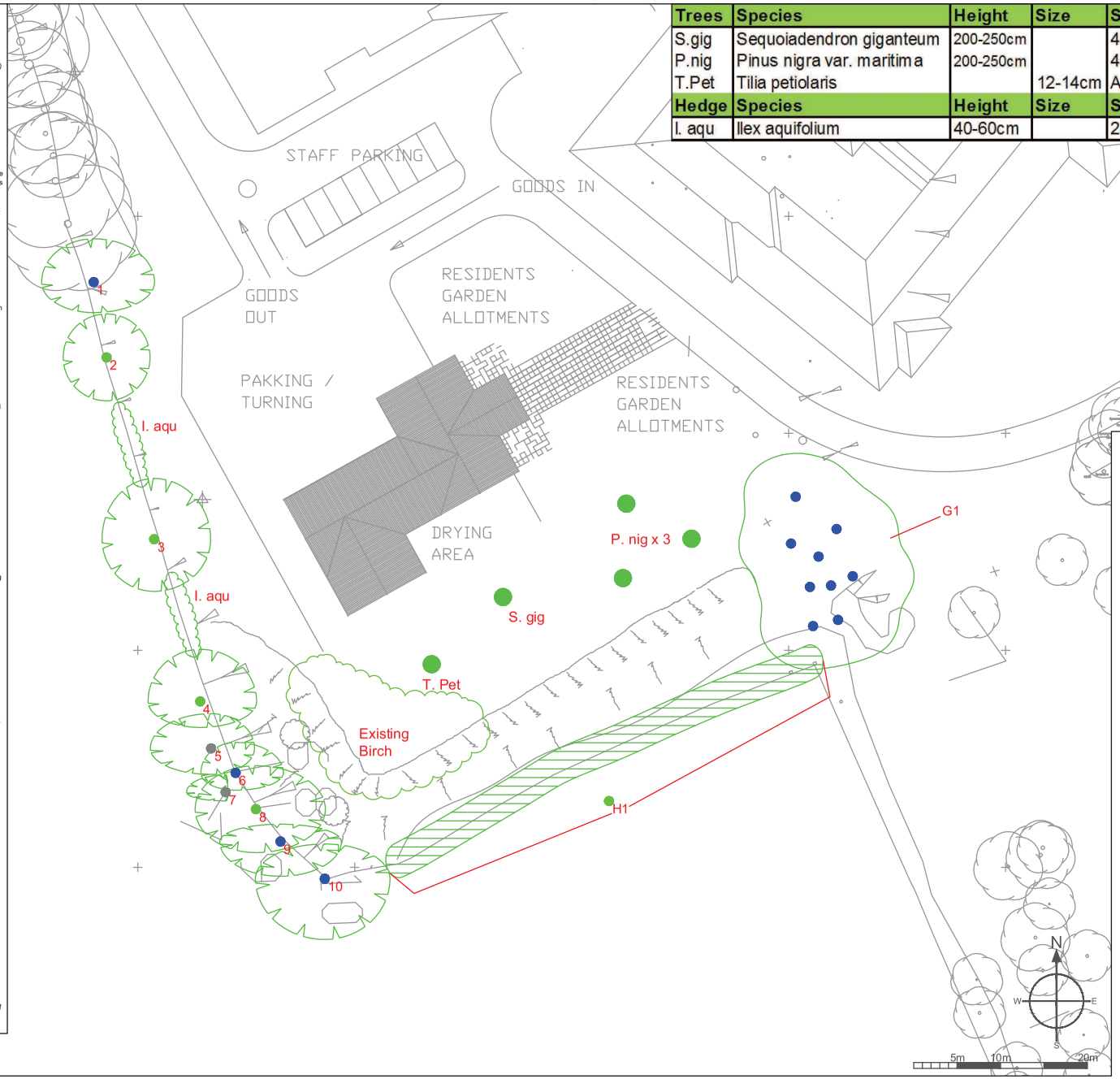
Irrigation during periods of drought or excessively wet weather.

If the ground around the rootball is sodden, watering will be delayed for one week and then re-assessed. If water is puddled on top of the rootball or pit area then a fork will be used to create holes around the edge of the tree pit, not too close to the rootball, to increase drainage and to stop the soil becoming anaerobic. Any water that does not drain away significantly from the surface of the rootball will be removed with a bucket. In drought conditions watering frequency will be increased commensurate with the weather conditions, to ensure that the planted tree survives in good physiological condition.

A metre radius circle around the planted tree will be mulched to a depth of 80 mm with PAS 100 green waste compost or well composted wood chip or bark. Care will be taken to ensure that the mulch is kept clear of the tree stem. The metre radius area will be kept clear of weeds for a period of three years post planting by the use of translocated herbicide (Glyphosate based) or manual pulling.

Tree stakes and ties will be checked twice a year and adjusted accordingly to prevent girdling or rubbing of the tree stem and shall be removed upon the completion of the initial three year maintenance programme, or once tree planting is considered to have become sufficiently established, whichever is sooner.

Trees	Species	Height	Size	Specification	Number
S.gig	Sequoiadendron giganteum	200-250cm		45ltr Container	1
P.nig	Pinus nigra var. maritima	200-250cm		45ltr Container	3
T.Pet	Tilia petiolaris		12-14cm	Air Pot (containerised)	1
Hedge	**Species**	**Height**	**Size**	**Specification**	**Density m²**
I. aqu	Ilex aquifolium	40-60cm		2Ltr Pot	4/lnm



Legend

13 Existing Trees

TREE PLANTING: proposed standard tree planting.

HEDGE PLANTING: proposed standard hedge planting.

Client: Pendine Park

Project: Proposed Kitchen/Laundry & Stores - Pendine Park, Summerhill, Wrexham

Title: Tree Planting Plan

Scale:	Date:
1:500 @ A3	March 2013
Drawn By:	**Revision:**
LI	-
Job Ref:	**Drawing No:**
13/AIA/WXM/111	03

Do not scale from this drawing all dimensions to be checked on site.

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