

Trevor Heaps

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Planting Specification

For

**Hillingdon Hospital, Pield Heath Road, Uxbridge
UB8 3NN**

Prepared for: Playfords Ltd.

Prepared by: **Trevor Heaps** BSc, MICFor, M. Arbor.A.

Date: 11/02/2021

Ref: TH 2669 LSCP

Plant Schedules

Specimen trees:

Code	Species	Size	Girth (cm)	Container (Litres)	Height (m)	Spacing
LIQ	Liquidambar styraciflua 'Lane Robert'	Heavy standard	14-16	55	3-4m	As shown
BET	Betula utilis Jacquemontii 'Snow Queen'	Heavy standard	14-16	Transplanted from nearby grassed area	3-4m	As shown

Native Species Mix Boundary Hedges

Planted in groups of 3, 5 or 7 of the same species @ 5 plants /metre in a double staggered row – the rows 40cm apart.

All deciduous bare root stock (BR) to be pruned back by approximately 30% at the time of planting to encourage establishment and promote bushy growth from the base.)

Code	Species	Container / Form	Height (cm)	Distribution %
Ace	Acer campestre	TP 1+1	60-90cm	20%
Cra	Crataegus monogyna	TP 1+1	60-90cm	50%
Cor	Corylus avellana	TP 1+1	60-90cm	10%
Lig	Ligustrum vulgare	TP 1+1	60-90cm	10%
Mal	Malus sylvestris	TP 1+1	60-90cm	5%
Vib	Viburnum opulus	TP 1+1	60-90cm	5%

General Planting Specification

All planting stock shall comply with the requirements of BS 3936 and shall be healthy, strong with a good shape and strong root system (in accordance with the national plant specification). All native plants shall be of local provenance and be well-labelled as such.

Trees and shrubs shall only be lifted from the ground between October and March and be handled and transported in accordance with the relevant codes of practice, with the roots kept moist and wrapped (in hessian for example) to protect them from adverse weather conditions.

All tree planting operations shall be carried out in accordance with BS 8545:2014 Trees: from nursery to independence in the landscape Recommendations.

Shrub beds - shall be excavated to 400 mm deep and their bases shall be broken up to aid drainage; if required, 400mm deep top soil shall be provided and laid in accordance with BS 3936. Shrubs shall be planted in accordance with BS 4428. A 75 mm deep layer of medium grade ornamental bark mulch shall be placed within all shrub beds.

Grass - these areas shall be cultivated / rotavated, and supplemented with topsoil if required, to provide a minimum of 100 mm depth. Any stones greater than 25mm in size shall be removed and the area shall be cultivated to a fine tilth. Rectangular-cut turf shall be supplied in rolls (and will not be dried out or yellowed). Turf grown on any nylon matting will not be accepted. Turf will be laid out on the day of delivery from a suitably sized running board.

Turf shall be laid in stretcher bond pattern (like bricks), close butted with staggered joints (which will be made good with top-soil). The finished level of the turf shall be 50mm higher than any surrounding hard surfaces (to allow for settlement) and will then be watered in.

Maintenance

All plants are to be maintained until established. Shrub beds are to be kept weed-free.

Grass to be kept well-watered until established and kept maintained at a consistent height and weed-free.

Hedge bases and 1 m diameters around trees are to be kept weed-free. The bark mulch is to be topped up annually to 75 mm and the planting beds kept litter-free. Plants within the shrub beds to be faced back from path edges as required.

The hedges are to be maintained at a consistent height depending on species and location. Internal hedges to be maintained at 450-600 mm high and boundary hedges to a minimum of 2.5 m high (or as directed by the client / LPA).

Grass will be cut six times during the first growing season. The first cut will be when the grass is well-rooted and has reached a height of 100 mm; it will be cut to 50 mm and lightly rolled. During the first year, all cuttings are to be removed from site.

Grass should only be cut when dry. The grass is to be maintained at 50 mm and the frequency of cutting will be dependent on the growing season but be between 8 and 12 cuts per year.

Watering will be carried out on grassed areas during prolonged dry periods to ensure and maintain adequate growth. Watering shall be carried out with sprinklers or oscillating sprays at a rate of 15 Litres per square metre.

Replacement Planting

Any tree or plant that fails to thrive or is below specification within a five-year period shall be replaced.

Any grassed areas that fail shall be re-turfed in accordance with the above specification.

Annual Tree Maintenance

All plants are to be maintained until established. A 1 metre diameter area surrounding the tree will be kept free from grass, weeds and rubbish at all times. Mulched areas will be topped up as necessary to maintain 75mm depth.

Newly-planted trees are to be watered during April to September. The intervals between watering is to be fortnightly with additional visits if there has been no rainfall within a weekly period. Watering bags will be filled with 90 Litres of water (for slow release) per visit. Any depressed or panned-down areas will be lightly forked.

Each tree will be checked to make sure it is growing healthily. All dead, damaged, crossing or diseased branches will be removed. Any arising suckers will be removed from the clear stem. Any wounds shall be neatly pared back to sound wood in accordance with BS 3998. Trees which have been loosened by the wind or frost shall be re-firmed.

Each stake and tie will be checked and adjusted, re-fixed or renewed as necessary to ensure that no damage occurs to any tree and that each tree is being supporting in the intended manner. All stakes and ties will be removed after two years / or after trees have rooted successfully.

Appendix 1 - Professional résumé

I am Trevor Heaps, director of Trevor Heaps Arboricultural Consultancy Ltd. I am a Chartered Arboriculturist, a Professional Member of the Arboricultural Association (AA) and hold a First-Class Honours Degree in Arboriculture.

Professional training

- Arboriculture and Bats: Scoping Surveys for Arborists (BCT & AA) – October 2017
- Tree Science (AA) – June 2016
- OPM (Oak Processionary Moth) Training (FC) – May 2016
- Visual Tree Assessment (Arboricultural Association) - October 2015
- Trees and the Law (Dr Charles Mynors) - June 2015
- Mortgage (Home Buyers) Report Writing (LANTRA / CAS) - February 2015
- Tree Preservation Orders - effective application (LANTRA / CAS) - November 2014
- Professional Tree Inspection 3-day course (LANTRA / AA) - July 2014
- Arboricultural Consultancy Course (AA) - May 2014
- Further down the subsidence trail 1-day course (AA) - April 2013
- Getting to grips with subsidence 1-day course (AA) - November 2012

AA – Arboricultural Association

BCT – Bat Conservation Trust

CAS – Consulting Arborist Society

FC – Forestry Commission