



### PLANTING SPECIFICATION

#### General Guidance

All plant handling to be in accordance with the HTA 'Handling and establishing landscape plants' Part I, Part II and Part III (obtainable from the Horticultural Trades Association) and the CPRE publication: 'Plant Handling'.

All planting to conform to National Planting Specification Guidelines.

The individual setting out of plants on site shall be the responsibility of the contractor and should follow closely the locations shown on the detailed planting proposal drawings supplied by the landscape architect. Contractor to ensure that plants are equally spaced within individual planting groups.

Contractor to ensure that smaller plants are located to the front of plant species groups as shown on detailed planting plans.

Contractor shall maintain existing levels around the base of existing trees and shall undertake all planting works occurring within tree protection zones in accordance with BS5837:2012. Contractor shall not remove or relocate any tree protection fencing without prior consent of the client.

All arisings shall be removed from site and the contractor shall at all times, keep the site free from rubbish and debris.

For the duration of the works the contractor shall keep the site free from injurious weeds as listed in the Weeds Act 1959.

All plants should be supplied at the same size and of the same species as specified in the planting schedules on the landscape proposals plan. Any proposed replacement species or deviation from the planting schedules should be highlighted to and agreed with the client prior to installation.

All plants shall be hardened-off at the Contractor's own nursery or at the source prior to planting out.

All field grown and rootballed trees must have been transplanted or undercut in the nursery no less than 18 months prior to supply.

The Contractor shall carry out the work while soil and weather conditions are suitable. Planting is not to take place during periods of frost or strong winds.

The contractor is to ensure that adequate watering and weed control is provided at the time of planting.

Any topsoil retained on site in stockpiles for use in plantings works is to be stored in heaps no greater than 1.2m in height and is to be kept weed free at all times. Vehicles should be prohibited from tracking over any extent of the storage heaps. Apply proprietary herbicide to any perennial weeds and allow a period of time recommended by manufacturer to elapse before disturbing and re-using elsewhere on site.

Do not use peat or peat based products.

Prior to planting, planting areas shall be cleared of grass and weed growth physically and/or chemically with a proprietary translocated herbicide and a period of time shall be allowed to elapse as recommended by the manufacturer before commencement of soil preparation for planting.

All plants are to be watered thoroughly before planting stage to ensure rootball is thoroughly soaked prior to final backfilling.

**Tree Planting**

Generally plant trees in pits with minimum dimensions of:

- 1000 x 1000 x 800mm deep for trees in soft planted areas including shrubs/trees and rear gardens.
- Backfill the pits in layers as specified below (from bottom up):
- 200mm layer of compacted inert free draining gravel or pea shingle, wrapped in geo-textile membrane.
- 600mm layer of retained site sourced topsoil (free from weeds), imported topsoil (Multi-purpose grade to BS3882:2007); 400mm layer for feathered trees or smaller.

Break up bottom of tree pit to a depth of 200mm and ensure ground is free-draining.

Loosen edges of tree pit at time of planting by hand, using a fork to ensure good drainage.

Pits should be excavated no greater than 48hrs prior to planting and overwatered as required.

Incorporate a soil conditioner/ameliorant in the form of peat-free tree and shrub compost or well rotted spent mushroom compost into backfill material at the rate of min. 40L per pit.

Backfill topsoil in layers of 150mm, firming at each layer and loosening the sides to aid drainage. The surface level of the pit should be 50mm above the surrounding ground.

Trees shall be planted in the centre of the excavated pits.

Pits in soft planted areas to be dressed with a minimum 75mm mulch layer, consisting of pine bark fines, particle size 15-50mm, to a minimum diameter of 1000-1200mm where appropriate.

Extra-heavy standard trees shall be staked and supported with a low, double stake consisting of 20nr 75mm diameter x min. 2000mm length, rounded timber posts driven into the ground, 600mm above ground level and fixed to the tree by a proprietary rubber tie or horizontal cross support.

Standard trees shall be staked and supported with a low, single stake consisting of 1No. 75mm diameter x min. 2000mm length, rounded timber post driven into the ground at 45 degree angle to approx. 450mm above ground level and fixed to the tree by a proprietary rubber tie.

Trees shall be installed with proprietary flexible perforated irrigation pipe with integral cap. Pipe to be installed encircling equally around rootball to the full depth of planting pit, with the final cap section installed just above ground level and nailed securely in place to the adjacent timber stake.

All trees in grass areas to be protected by min. 225mm high x 12-15mm diam, proprietary plastic strimmed/over guards. Where trees have a basal trunk diameter greater than 120mm e.g. semi-mature, then two or more guards should be joined together using jointing tape and then secured in place.

**Root Barrier Membranes**

Where trees are proposed in close proximity to hard paved areas or proposed service runs, a root barrier membrane is to be installed in accordance with the guidance contained in Table 3 of BS 5837:2005 'Trees in Relation to Construction - Recommendations' and Appendix 4.2P of the NERC Standards 'Trees in Relation to Construction'.

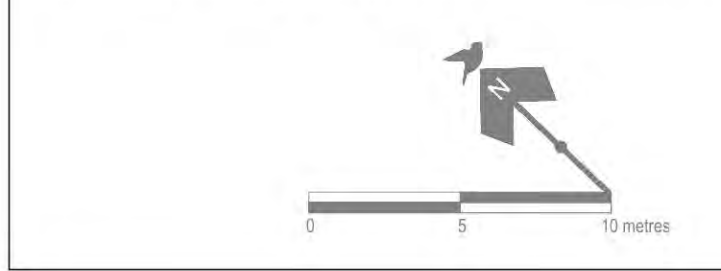
For all proposed trees centred in a location within 3m of an adjacent hard standing/footpath or carriageway/kerb line, a proprietary root barrier membrane will be installed to protect the hard standing and any underground services located beneath from future damage by tree roots.

Root barrier membrane(s) to be installed on the tree side along the back edge of the kerb/edging restraint to the adjacent hard standing and are to extend a minimum 3m in each direction from a point taken perpendicular from the tree trunk to the kerb/edging face.

Root barrier membranes are to extend to a depth as outlined below:

- For trees adjacent to hard standings only (no underground services); install 'Retoot 300' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 300mm, ribs facing tree, joints fixed with jointing tape, install 10mm above final surface level of soft landscaping.
- For trees adjacent to hard standings incorporating underground services; install the following dependent on the depth of underground services:
  - For services 450mm deep
    - 'Retoot 600' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 600mm, ribs facing tree, joints fixed with jointing tape, install 10mm above final surface level of soft landscaping.
  - For services 800mm deep
    - 'Retoot 1000' by GreenBlue Urban (01424 717797) or equal and approved, ribbed root barrier membrane, to a depth of 1000mm, ribs facing tree, joints fixed with jointing tape, install 10mm above final surface level of soft landscaping.
  - For services deeper than 800mm
    - 'Retoot 2000' by GreenBlue Urban (01424 717797) or equal and approved,

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NOTE:

1. Refer to CSa/2325/112 for Planting Schedule and Legend
2. Refer to document CSa/2325\_06 for Management Plan
3. Refer to CSa/2325/110-111 for Hard Landscape Proposals

Revision	Date	By	Description
C	22.03.16	AB	Minor updates to plant species
D	03.01.16	AB	Updates to specification
B	15.12.15	AB	Minor updates
A	04.08.15	AB	Updated to reflect current housing layout

Revision Date By Description

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 Project Land West of Chesterton, Oxfordshire

Title Soft Landscape Proposals  
 Sheet 2 of 2

Client Taylor Wimpey UK Ltd

Scale @ Size	1:250 @ A1	Drawn	AB
Date	July 2015	Checked	GC
Drawing Number	CSa/2325/113	Revision	D

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