

GENERAL TREE PIT PLANTING NOTES:

- 1. **SPECIFIED MATERIALS:** all to be installed in accordance with the manufacturer's recommendations and/or instruction.
- 2. PLANTING GENERALLY: Correct planting depth is critical for transplanting success, with over-deep planting identified as a common cause of failure. The Contractor shall therefore ensure that the natural root flare of the tree is clearly visible at proposed finished soiling surface. To ensure that correct final planting position / depth is achieved, the Contractor shall therefore take care to remove all: • soil placed above natural root flare during nursery packaging & production
 - rootballing, containerization, etc. adventitious roots above the root flare,
 - wire encircling the main stem,
 - wire cage & burlap where possible. Otherwise, peel back and remove once the tree is in the planting pit.
- BACKFILL MATERIAL: Open ground: select 'as dug' material to be reused taking care to match adjacent soil horizons (where suitability assured for tree growth); TBC onsite by Contractor. All 'as dug' material to conform to BS 3882:2007 General Purpose Topsoil). Remove all deleterious material arising (weeds, broken brick & large stones, etc). Hard Paved Surfacing: Use good quality topsoil to BS 3882: 2007 within primary rooting zone rootcells) to manufacturers instruction. Compact to manufacturer's recommendations. Use Structural Tree Soils (Arborsoil, or equal and approved) in secondary rooting zone. Backfill loose & dry (as approx. 20% is lost by volume upon compaction) into the tree pit. Lift in layers no greater than 300mm deep, and compact to between 1.5 - 2.0 mega pascals making sure the material is dry as proper compaction cannot be achieved when wet, paying special attention to the edges of the tree pit. A calibrated Penetograph can be used by a specialist approved by the Structural Tree Soil supplier, and employed by the Contractor who installed the Structural Tree Soil, to assess and confirm the level of compaction. The corresponding graph should be supplied to both the Project Structural Engineer, the Landscape Contractor & the Contract Administrator for information, before tree planting commences 4. BACKFILL SOIL AMELIORANTS: the Contractor shall satisy himself of the general
- suitability of the top soil supplied for long term tree growth. Reason: to ensure the long term longevity of the tree supplied. Thereafter: TBC onsite. ARISINGS: all deleterious material arising, shall be removed offsite to a licensed tip by
- the Contractor. TREE SUPPORT SYSTEMS: Unless otherwise stated, all trees in open ground &/or verges will be supported using the triple stake & strap method as identified by Detail 2 opposite • Stake support (Dst, DstXb, Tst) to be placed post installation of the tree into the planting hole after first confirming that the root collar is at the correct line, level and grade. Posts are to fit snuggly against the rootball sides to better secure the tree and prevent 'rootball rock'. Posts to be set plumb and level across the top at the correct height above ground.
- Irrigation pipes to fit around the outside of stakes. **ROOT PROTECTION MEASURES:** supply & install permeable rootbarriers (Terram
- RootGuard, or equal & approved) to a min. depth of 600mm below ground. Installation: as per manufacturer's instruction. Finished level: top of barrier to be 10mm above G.L. Zone of Deployment: protection of hard surfacing / services lying within a min. 5m radius of the proposed tree
- **8. IRRIGATION:** Supply & fit: *Open ground*: 60mm Ø flexible polypropylene perforated drainage pipe. Wrap twice around the rootball. Proposed supplier: Greenleaf Rootrain Urban, RRURB3A (or Equal & Approved). Hard paved surfacing : Greenleaf Rootrain Precinct, RRPREC3C; Arborvent Double Inlet, RRARBVDI3C, (or Equal & Approved). **DRAINAGE:** the contractor shall satisy himself that the tree pit is adequately drained.
- making adequate provision to do so where so required, and as site conditions dictate (i.e. supply & fit 100mm Ø, flexible, perforated polyproplene drainage pipe. Reason: to ensure the longevity & viability of the tree supplied. TBC onsite.

Notes

Issue: Drawn by David Jarvis Associates Limited (CROWN COPYRIGHT. ALL RIGHTS RESERVED 2011 LICENCE NUMBER 0100031). This drawing is for information purposes only - Do not use this drawing for Construction.

Drawing Information: Information on this drawing is provided in the context of .dwg information provided by: Hunters Architects (Site G.A. plan) & WSP Engineers (Car park G.A).

Scaling: Do not scale this drawing. Use given dimensions only.

Construction Design Information: to Engineer's design, detail & specification.

Setting out: refer to Engineers for information regarding setting out. In the event of discrepancy, refer to the appointed Engineer in the first instance.

Construction Information: all detailed design (including, but not necessarily limited to), bond patterns, kerbing, edging, tactile crossing demarkation, construction build-up, levels, drainage etc., to be provided by an appropriately qualified structural/highways engineer to be appointed by the client for presentation to [and subsequent discharge from] the relevant supervising authority and/or body.

Planting: Plant species are selected and located in line with consideration of the site conditions, NHBC guidelines and discussions with the Local Authority and design team. All plants and planting procedure to conform to the David Jarvis Associates Limited Landscape Specification that will accompany the Construction issue drawings. No species or plant location is to be varied without prior consent of the Landscape Architect.

Foundations: Developers / Contractors to ensure that all foundations (buildings and external walling) are designed and constructed so as to take into account, at the time of maturity, any existing or proposed trees, hedgerows or other vegetation on the application site or existing vegetation on land adjoining the site at the time of construction and any trees felled or hedgerows removed on or adjacent to the site during the previous 15 years. For this purpose the developer / contractors will submit all relevant details to the authority dealing with the Building **Regulations Certificate.**

	ng Revision Date	Description
A	12/11/2015	Client name change.
-	02/10/2015	First Issue.

Drawing Status



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Proiect

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TREE PLANTING IN SOFT GROUND & VERGES, GENERALLY

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Revision

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