

1. SPECIFIED MATERIALS: all to be installed in accordance with the manufacturer's

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,

soil placed above natural root flare during nursery packaging & production -

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. 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 soil supplier, and employed by the Contractor who installed the soil, to assess and confirm the level of compaction. The corresponding

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

ARISINGS: all deleterious material arising, shall be removed offsite to a licensed tip by

TREE SUPPORT SYSTEMS: Unless otherwise stated, all trees in hard surfaces open

• Earth anchors to be driven, set and installed in accordance with the

• Earth anchors to include all rqr'd straps, cables, cable tensioner & deadman

• Underground guying (UG) systems (generally): supply & fit, Green Leaf Arbor

• In areas of made ground (Detail 2, 4 & 5), substitute: 'duckbill' earth anchors (Greenleaf SASMP / SASLP), with: deadman anchoring system (Greenleaf SASDMA,

• Tensioning mechanisms and straps should be placed as shallowly as possible with only a light covering of the approved surfacing to avoid planting too deep. Tensioning mechanisms should be removed as soon as the developing root system

• Irrigation pipes to be installed over the top of the BG tree support system. ROOT PROTECTION MEASURES: supply & install permeable rootbarriers (Terram RootGuard, or equal & approved) to a min. depth of 600mm below ground. Installation:

Zone of Deployment: protection of hard surfacing / services lying within a min. 5m radius IRRIGATION: Supply & fit: Open ground: 60mm Ø flexible polypropylene perforated drainage pipe. Wrap twice around the rootball. Proposed supplier: Greenleaf Rootrain

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

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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).

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

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

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

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

06/12/2016 Tree pit amended to omit tree grill and show permeable resin bound gravel surface

30/10/2015 Flag paving updated to match revised Hard Surface Strategy. 15/10/2015 Omit: structural tree soils reference within General Tree Planting Notes

DAVID JARVIS ASSOCIATES

TREE PLANTING IN HARD SURFACES

OCT 2015