TREE PLANTING IN HARD LANDSCAPE DETAIL: 1:40 GREEN-TECH ARBORRAFT SYSTEM

- Tree Guard as Per Architects Specification
- Tree Grille as Per Architects Specification
- Root ball to be positioned at correct depth. Root flare to be clearly visible at the soil surface, base of stem level with the existing host soil or surface. Make allowance for minor settlement of soil after planting.
- Topsoil to BS-3882-2015 mixed with soil ameliorant and fertiliser. Backfill in layers ensuring there are no air pockets. Ensure that topsoil is not over compacted during spreading.
- Root barrier to manufacturers specification
- Bottom 300mm of pit backfilled with good quality subsoil to BS-8601-2013 placed under and around the root ball. Sub soil must be carefully handled so as to retain soil structure
- Base of tree pit be domed with highest point at the centre as shown.
- Existing subsoil. Not to be compacted where it can be avoided

- `Deadman' anchors, kerb stones or similar, galvanised guying wire looped twice around stone & tightened using a gripple tensioner.
- 20mm Sand Bedding Layer for ArborRaft 150mm
- Paving as Per Engineers Specification
- ArborTex 300 Membrane Over ArborRaft 150mm & ArborRaft TRC30 as Separation Layer
- ArborRaft 150mm Units to Straddle Pit by 500mm for Load Bearing Support.
- ArborRaft TRC 30 Geotextile Membrane Wrapped Around ArborRaft 150mm

1000mm

4000mm

TREE PLANTING IN SOFT LANDSCAPE DETAIL: 1:40 UNDERGROUND GUYING SYSTEM

To be used in planting of trees with specified 18-20cm to 25-30 girth

- 75mm bark mulch / surrounding vegetation
- WeedStop geotextile fabric pegged down
- Root barrier to manufacturers specification
- Topsoil to BS-3882-2015 mixed with soil ameliorant and fertiliser. Backfill in layers ensuring there are no air pockets. Ensure that topsoil is not over compacted during spreading.
- Bottom 300mm of pit backfilled with good quality subsoil to BS-8601-2013 placed under and around the root ball. Sub soil must be carefully handled so as to retain soil structure
- Base of tree pit be domed with highest point at the centre as shown.
- Existing subsoil. Not to be compacted where it can be avoided

- `Deadman' anchors, kerb stones or similar, galvanised guying wire looped twice around stone & tightened using a gripple tensioner.

1000mm

1500mm

TREE PLANTING IN SMALL AREAS OF SOFT LANDSCAPE DETAIL: 1:40 GREEN-TECH ARBORRAFT SYSTEM

- 75mm bark mulch / surrounding vegetation
- Root ball to be positioned at correct depth. Root flare to be clearly visible at the soil surface, base of stem level with the existing host soil or surface. Make allowance for minor settlement of soil after planting.
- Topsoil to BS-3882-2015 mixed with soil ameliorant and fertiliser. Backfill in layers ensuring there are no air pockets. Ensure that topsoil is not over compacted during spreading.
- Root barrier to manufacturers specification
- Bottom 300mm of pit backfilled with good quality subsoil to BS-8601-2013 placed under and around the root ball. Sub soil must be carefully handled so as to retain soil structure
- Base of tree pit be domed with highest point at the centre as shown.
- Existing subsoil. Not to be compacted where it can be avoided

- Paving/Kerb as Per Engineers Specification
- `Deadman' anchors, kerb stones or similar, galvanised guying wire looped twice around stone & tightened using a gripple tensioner.
- 20mm Sand Bedding Layer for ArborRaft 150mm
- ArborTex 300 Membrane Over ArborRaft 150mm & ArborRaft TRC30 as Separation Layer
- ArborRaft 150mm Units to Straddle Pit by 500mm for Load Bearing Support.
- ArborRaft TRC 30 Geotextile Membrane Wrapped Around ArborRaft 150mm

Varies

1000mm

VARIES

TREE PLANTING IN SOFT LANDSCAPE DETAIL: 1:40 DOUBLE-STAKED AND TIED

To be used in planting of trees with specified Up to 16-18 girth

- Proposed extra-heavy standard trees (Up to16-18cm girth). Clear stem to a height of 2m minimum
- Tree secured to 2 no. 75mm diameter stakes with 2 no. 50mm diameter adjustable tree ties
- 75mm bark mulch / surrounding vegetation
- WeedStop geotextile fabric pegged down
- Root barrier to manufacturers specification
- Topsoil to BS-3882-2015 mixed with soil ameliorant and fertiliser. Backfill in layers ensuring there are no air pockets. Ensure that topsoil is not over compacted during spreading.
- Bottom 300mm of pit backfilled with good quality subsoil to BS-8601-2013 placed under and around the root ball. Sub soil must be carefully handled so as to retain soil structure
- Base of tree pit be domed with highest point at the centre as shown.
- Existing subsoil. Not to be compacted where it can be avoided

- Tree to be protected by a 1200mm high 75mm x 25mm galvanised welded mesh tree guard which is to be attached to the stakes to secure

1000mm

1500mm

GENERAL NOTES

This drawing is to be used for planting information only, and is subject to alteration through changes to the site layout or until approved by the area designer.

Any species substitution by the contractor must be verified with the Landscape Architect through the Job Architect.

This layout must be checked in accordance with NHBC Standards 2013 (Chapter 4.2 - Building Near Trees & Chapter 9.2 Drives, Paths and Landscaping) by the Regional Engineer prior to implementation.

Excavations: Contractors must ensure that they have full information relating to service and drainage positions before undertaking any excavations.

Root barriers to be used in association with tree planting adjacent to kerbs / services / footpaths etc. (Greenleaf ReRoot products or similar application, in accordance with manufacturer's instructions).

Details to be read in accordance with LLA Detailed planting proposals 1619 A2 01, 02