

GENERAL SPECIFICATION NOTES

For Proposed Tree, Hedge, and Shrub/herbaceous perennial planting - implementation and maintenance.

Site preparation: Imported topsoil shall be to BS 3882: 2007: Specification for topsoil and requirements for use, and be of medium texture with a high proportion of loamy material. It shall be free from subsoil, rubbish, roots of perennial weeds and other injurious to plant growth. All topsoil shall be stacked in heaps, not exceeding 2m high. During storage, topsoil heaps shall be kept free from contamination, compaction and weeds. Imported topsoil shall be from an approved source and a sample submitted and analysed/tested at an independent approved laboratory.

Soil Handling: Soil handling shall only take place during the driest parts of the year to prevent compaction of the in-situ soils. Preparation for Topsoil Re-spread Topsoil shall be spread following completion of all hard landscape building works, following a thorough clearance and removal of building debris. The formation levels shall be as follows: Tree pits: 2m x 2m x 1m deep; bottom of pit broken up to a depth of 150- 200mm and scarify sides. Shrub & Hedge trenches and Shrub areas: minimum 0.45m deep.

Root Protection: Area beneath Existing Trees: Cultivation to a depth of 400-450mm for shrub planting to be undertaken by hand using hand tools only to minimize root damage. If significant roots are encountered, these will be left undamaged and dug around; Where new topsoil is required, existing soil shall be removed by hand and backfilled with new topsoil by hand to existing levels.

Backfilling with Topsoil: Tree pits and Shrub beds shall be backfilled, in layers, with topsoil thoroughly mixed with planting organic compost and slow release fertilizer shall be used to plant all shrubs and hedges. All finished levels shall be 25mm above adjacent paving. The shrubs shall be shaken during backfilling to avoid air pockets and the soil must be firmed as the hole is filled.

Cultivation: Topsoil shall be cultivated to a minimum of 450mm deep on planting areas to a medium tilth, removing all rubbish, vegetation, perennial weeds, roots, stones over 50mm in any one dimension and raked to even levels.

PLANTING

Plant Stock and Timing: Plant material shall conform to BS 3936 Part 1: 1992, Part 2: 1990; Part 9: 1998; Part 10: 1990 and BS4043: 1989 and shall be protected at all times in transit to the site. The planting season shall be from 1st October to the 31st March. Planting shall not be carried out during periods of frost, drought, cold drying winds, or when the soil is waterlogged.

The planting shall be carried out in the first planting season following practical completion of the building and hard landscaping. Planting outside the planting season will require adequate watering to ensure establishment.

Planting: All trees, hedges & shrub planting shall be planted upright at the same depth as the nursery soil level and evenly spaced, leaving room for growth. Allow at least 300mm clearance between the rootball and the edge of the pit to facilitate staking/anchoring and to allow adequate amount of backfill around the root ball.

Trees in soft landscape (open public space) shall be staked and braced with a cross member. Immediately following planting, all plants shall be watered-in to field capacity. Irrigation pipes: shall be included at the base of each individual tree and shall be 80mm flexible plastic perforated pipe of a suitable length to wrap around the full circumference of the rootball with a 'T' piece allowing sufficient pipe to extend just above the finished ground level with a plastic cap.

Mulching: Prior to the application of mulch, the planting areas shall be completely weed free and watered sufficiently to achieve field capacity. The surface of the planting areas shall be mulched with a layer of Organic Compost Mulch or Fine Composted Bark Mulch composted for 2-4 weeks with a particle size of 0-8mm, to a depth of 50mm, ensuring that the low branches of shrubs and herbaceous plants are not smothered. The mulch shall be topped-up to maintain, after settlement, a depth of not less than 50mm.

IMPLEMENTATION

All tree, shrub planting areas shall be carried out in the first planting season after all the building works and the hard landscaping areas have been set out and completed.

-Deciduous trees and shrubs - Late October to late March

-Herbaceous plants: September/October and March/April

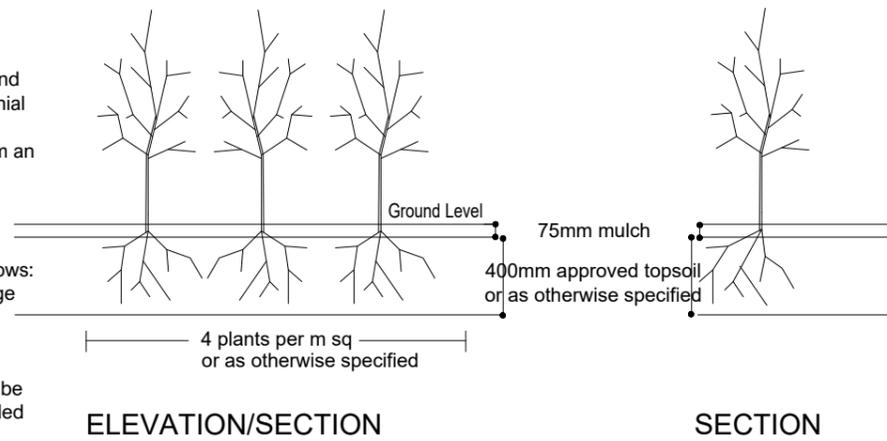
-Container grown plants: At any time if conditions are favorable

-All construction works to be carried out to manufactures recommendations regarding climatic conditions and controls.

AFTER CARE PERIOD

Maintenance: The Aftercare Period shall extend for an 18 month period. During the Aftercare Period maintenance visits shall be carried out, at least monthly from April to September and twice during the dormant season to carry out the following operations to establish healthy growing plants in weed free areas. Maintenance operations shall include: watering, firming-up, pest and disease control, grass cutting, general pruning, weed control, top up mulch and autumn tidying. Replacement Planting. All plants, which have died, are missing or have failed to thrive, shall be noted and replaced with the same size and species as originally planted, in the following planting season.

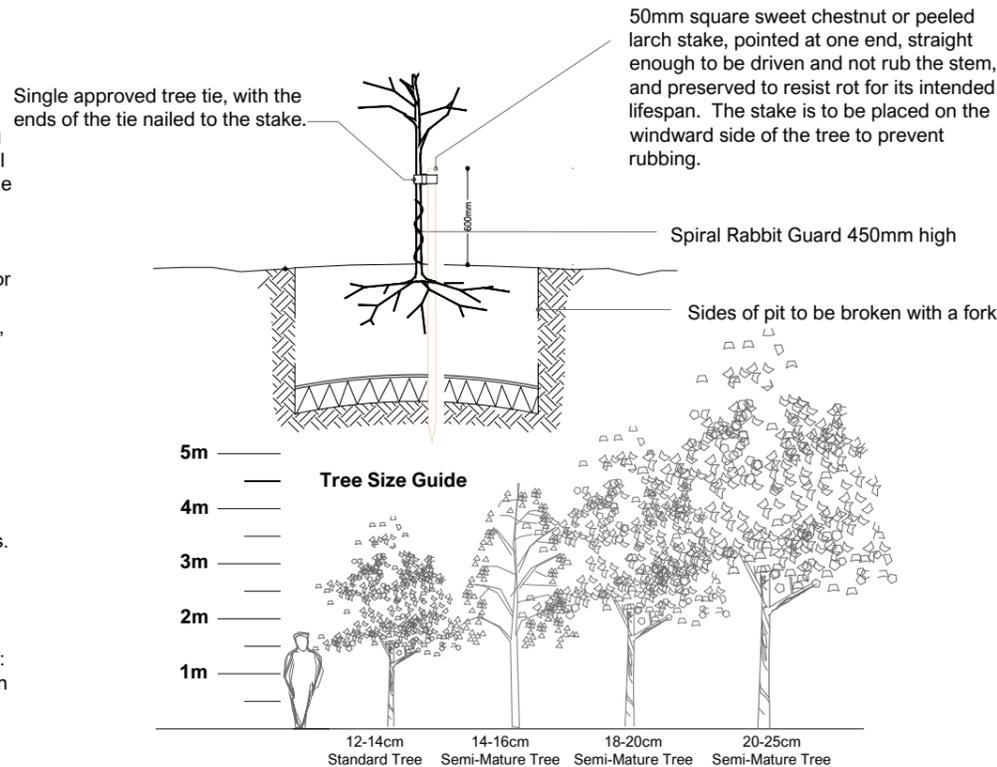
SHRUB/TRANSPLANT PLANTING DETAIL



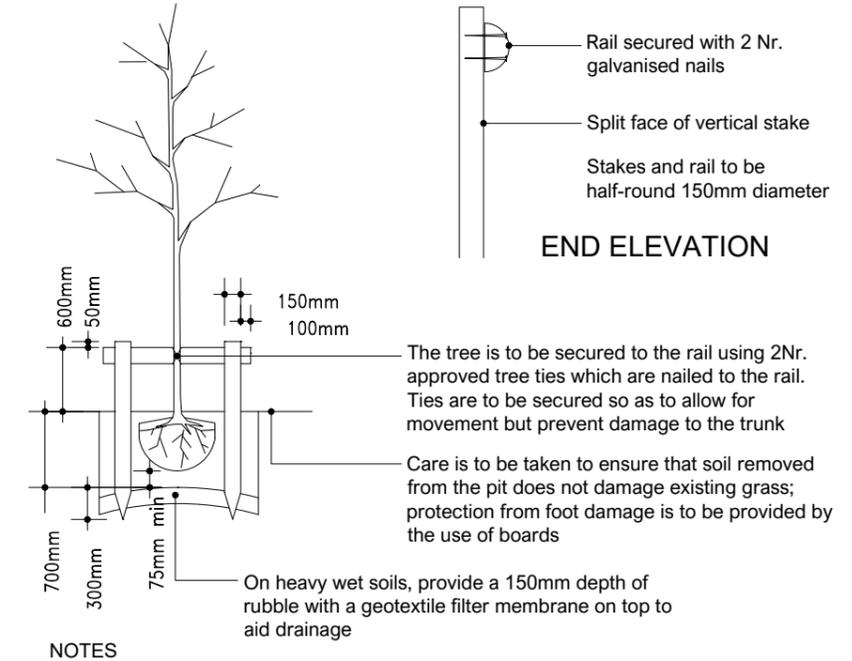
NOTES

1. All shrub planting beds to min. 400mm depth of quality approved topsoil to BS:3882 or as otherwise specified.
2. Break up the soil in the base of each pit.
3. Mix the dug soil with a slow release fertiliser and a specified soil ameliorant.
4. Planting is to be carried out to densities specified.
5. Once planted, back-fill with the remaining soil and firm as before.
6. Top dress the planting area with a 75mm depth of approved medium-grade bark mulch.

TREE PLANTING DETAIL A - MULTI-STEM + SMALL TREES



TREE PLANTING DETAIL B - GENERAL TREES



NOTES

1. The tree pit should be excavated to allow adequate clearance between the perimeter of the root-ball and the side of the pit.
2. The depth of the pit should be a minimum of 700mm and at least 100mm greater than the depth of the root-ball.
3. Fork the bottom and sides of the pit to break up the subsoil. Back-fill as shown to the level of the roots.
4. Mix the dug soil with a slow release fertiliser and an approved soil ameliorant.
5. Prior to planting, prune back all damaged roots to healthy growth; soak the trees in water whilst waiting to be planted. Dip all bare-rooted trees in an approved root dip.
6. Drive in the stakes so that they are a minimum of 300mm below the bottom of the pit and 650mm above ground level. The stakes and rail are to be sweet chestnut or peeled larch poles, pointed at one end, preserved to resist rot for their intended lifespan, and strong enough to take nails without splitting.
7. Plant the tree, ensuring that the original depth is maintained, the roots are spread to their fullest extent, and the soil is carefully firmed back up to the existing ground level.
8. Carefully work the prepared back-fill soil between the roots while shaking the tree slightly.
9. Backfill in layers up to the existing ground level, firming by treading, taking care not to damage the roots.
10. Secure the rail to the stakes with 2 No. galvanised nails per stake.
11. Secure the tree to the rail as described in the notes above.
12. Spread 75-100mm depth of medium-grade mulch over an area of 1.2m diameter around the tree, and maintain it until the spring following the first growing season.
13. Protect the tree base from damage by using a tree guard.
14. The stakes and rail are to be removed as soon as the tree is anchored securely by its own roots (at the start of the third growing season after planting).

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ISSUE STATUS:

PLANNING

DRAWING NO: 21_477-PD-011	REVISION: -
PLANNING REFERENCE: -	FIRST ISSUE: 2021-09-01
DRAWN BY: JC	CHKD BY: JC
PROJECT NO: 21_477	SCALE: NTS
SHEET SIZE: A3	PROJECT ARCHITECT: OMP ARCHITECTS

CLIENT: Bluemont Developments (Firhouse) Limited

PROJECT: FIRHOUSE INN SHD

DRAWING: PLANTING DETAILS AND GENERAL SPECIFICATION NOTES