

	Species	Notes	Position indicator
<i>Planting Mix - planted @ 4/m2</i>	<i>Planting Mix - planted @ 4/m2 In swathes</i>	<i>Planted in groups of the same species – Bed `A`</i>	
7 no.	Euphorbia Cornigera Goldener Term	Centre Feature	A
10 no.	Lavendula Augustifolia Hidcote	5 no Either side of Euphorbia Goldener Term	A
10 no.	Helleborous x hybrid Harvington White	5 no. Either side of Lavendula Hidcote	A
6 no.	Thymus vulgaris	3 no. either side of Helleborous	A
<i>Hedging Stock</i>	<i>Hedging Stock</i>		
50no.	Carpinus Betulus 80 cmt high planted in a staggered row. 3 per mt		B
<i>Trees</i>	<i>Trees</i>		
Quantity	No. Species Name Girth Height Specification		
2 no.	Malus Flowering Crab 12-14 girth		C
2 no.	Amalanchier Lamarckii Multi –stem 12 - 14 girth	Planted min 6 mt from foundations	D
1 no.	Lombardy Cherry Prunus Amanogawa 12-14 girth		E

Addison Road Landscaping proposal April 2018

SPECIFICATION NOTES

For Proposed Tree, Hedge, Planting and Grass Areas - These implementation and maintenance specification notes are for planning purposes only and do not constitute a detailed landscape specification.

SITE PREPARATION

Imported topsoil shall be to BS 3882: 2007: Specification for Topsoil and Requirements for Use and shall consist of a good quality loam from an approved source.

Topsoil shall be Premium Grade, free from pernicious weeds and roots (including Couch grass), clay lumps, non-soil materials, rubbish, brick and other building materials, foreign matter and chemical contamination. Stones shall be no larger than 50mm in any one dimension.

Topsoil shall comply with BS 3882:2007 in the following particular respects:

It shall be medium texture containing a high proportion of loamy material.

It shall be free from subsoil.

It shall have a pH level of 6.3 - 7.0.

It shall be no more than slightly stony 91-5% stones by dry weight).

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: The soils shall be handled in accordance to the Good Practice Guide for Handling Soils.

Soil handling shall only take place during the driest parts of the year to prevent compaction of the insitu soils.

All topsoil used for planting shall be tested by an approved Topsoil Analysts and any required amelioration or soil improver required shall be carried out in accordance with the topsoil Analyst Report.

Topsoil Sample: a sample load (5 cubic meters minimum) shall be delivered to the storage compound for approval by the Contract Administrator. After approval, this sample shall be set aside and remain unused at the storage compound as a standard so that other loads can be seen to be of the same quality.

Topsoil not meeting the above requirements shall be removed at the Landscape Contractors own expense.

The topsoil shall be free from harmful trace elements, including phytotoxic and zootoxic elements harmful both to plant growth and man. The topsoil should be tested by physical and chemical analysis and should state clearly the physical characteristics of the soil, levels of micro-nutrients and chemical content. All fertilizers shall be applied by a qualified staff or supervised so the correct application is undertaken. The topsoil shall be free from harmful trace elements, including phytotoxic and zootoxic elements harmful both to plant growth and man. The topsoil shall be tested by physical and chemical analysis and shall state clearly the physical characteristics of the soil, levels of micro-nutrients and chemical content.

Any deficiencies identified in the analysis shall be remedied at the Landscape Contractors expense or an alternative sample of topsoil shall be delivered which does meet the specification. Should the Landscape Contractor wish to provide an alternative sample of topsoil then the cost of any subsequent tests shall be borne by the Contractor.

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:

Advanced Nursery Stock tree pits: 1.4m x 1.4m x 0.7m deep (tree pit depth no deeper than root ball;

600mm larger than root ball on all sides); Standard and Selected tree pits: 1.0mx1.0m x0.6m deep;

bottom of pit broken up to a depth of 200mm and scarify sides. Tree pit no deeper than root ball. All tree pits to have 150mm aggregate drainage layer and horticultural sand to support root ball if required. Hedge trenches: minimum 450mm deep; shrub areas: minimum 450mm deep;

Turfed areas: minimum 150mm deep;

Backfilling with Topsoil

Tree pits and Shrub beds shall be backfilled, in layers, with previously prepared topsoil excavated from the tree pit and imported topsoil as required. Topsoil thoroughly mixed with planting organic compost and slow release fertilizer shall be used to plant all trees, 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.

All backfilled material shall include an organic compost and slow release fertilizer. Grass areas: shall be backfilled, in layers to a depth of 100-150mm.

Cultivation

Topsoil shall be cultivated to a minimum of 450mm deep on planting areas and 150mm deep on grass areas to a medium tilth, removing all rubbish, vegetation, perennial weeds, roots, stones over 50mm in any one dimension and raked to even levels. All planting within visibility splays shall be maintained below 600mm high. Final tree locations and tree species selection will be subject to the underground service report and foundation depths to be provided by the engineers.

PLANTING

Plant Stock and Timing

Plant material shall conform to current British Standards 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 root ball and the edge of the pit to facilitate staking and to allow adequate amount of backfill around the root ball.

The smaller trees shall be double stake & crossbar: Stakes shall be softwood, peeled chestnut or larch, free from projections and large knots, with one end pointed. Overall length of stakes shall be a minimum 1800mm and 100mm diameter. Stakes shall be driven vertically at least 300mm into bottom of the pit either side of root ball. Cross bar - 100 x 38mm shall be secured to stakes using galvanised nails. A snake belt will secure the tree to the stake.

Stakes above ground level - approximately one third of clear stem height. Each stake secured to cross bar using galvanised nails.

Tree secured to cross bar with rubber tree tie and tree cushion spacer/pad, fixed to support the tree, or twin stake belt and pad available from GreenBlue Urban or similar approved. All fixing nails shall be galvanized annular ring.

Trees shall be planted upright at the same depth as the nursery soil level and evenly spaced, leaving room for growth. Allow at least 150-300mm clearance between the root ball and the edge of the pit to facilitate staking and to allow adequate amount of backfill around the root ball. Immediately following planting, all plants shall be watered-in to field capacity.

MULCH

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 Composted Bark Mulch.

The mulch shall be topped-up to maintain, after settlement, a depth of not less than 50mm.

GRASS TURF

General: All grass areas shall be turfed .

Turf: Grass areas shall be turfed with a hard wearing, multi-purpose high quality turf – Roland Medallion Turf or similar approved. Turf shall be in accordance with BS 3969: 1990 and be good quality, uniform in size and thickness with a dense cover of good colour and free from weeds, pests and diseases. The turf shall be between 18-30mm thick. Pre-turfing fertiliser shall be applied and turf shall be laid in accordance with BS 4428: 1989.

All measures shall be taken to establish a dense, healthy grass sward, stone free and dominated by the specified grasses. All cuttings shall be removed until the sward is established. Thereafter, all cuttings over 25mm in length shall be collected and removed off the surface. During the first and subsequent growing seasons grass areas shall be kept at a height of 25mm to 40mm. All arisings over 25mm long shall be removed off the surface.

IMPLEMENTATION

All tree, shrub planting and grass 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.

AFTER CARE PERIOD

A recommended 5 year Maintenance Plan will be passed on to the new owners of the properties within the company handover manual to ensure the longevity of the planting scheme.