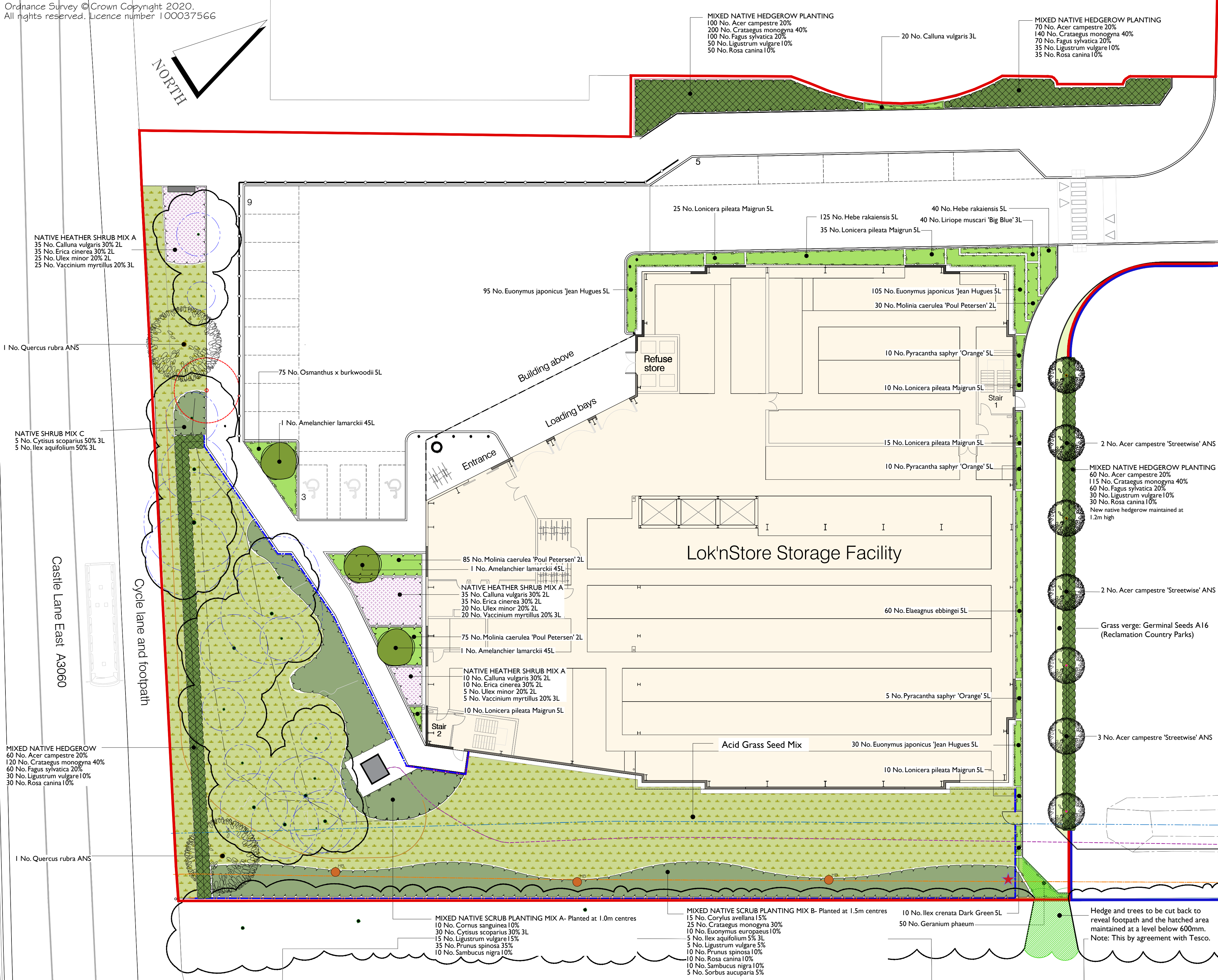


NORTH



PLANTING SCHEDULE									
TREES									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Counted	
7	Acer campestre 'Streetwise'	450-500mm	16	18cm Advanced Nursery Stock	Clear Stem	175-200	30/30	188	Counted
Shrub									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Counted	
20	Calluna vulgaris	175-200mm	16	18cm	Multi-stem	C	60m²		
60	Elaeagnus ebbingei	40-60cm	16	18cm	Bushy	C	60m²		
230	Euonymus japonicus 'Jean Hugues'	30-40cm	16	18cm	Bushy	C	60m²		
195	Ilex aquifolium	40-60cm	16	18cm	Bushy	C	60m²		
19	Ilex crenata Dark Green	30-40cm	16	18cm	Bushy	C	60m²		
195	Lonicera pileata Maigrun	30-40cm	16	18cm	Bushy	C	60m²		
75	Osmanthus x burkwoodii	40-60cm	16	18cm	Bushy	C	40m²		
23	Prunella sp.	80-100cm	16	18cm	Branching	C	30m²		
HERBACEOUS									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Counted	
40	Erigeron annuus	10-15cm	16	18cm	Full Pot	C	17m²		
50	Geranium phaeum	10-15cm	16	18cm	Full Pot	C	17m²		
GRASSES									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Counted	
190	Molinia caerulea 'Poul Petersen'	120-150cm	16	18cm	Full Pot	C	60m²		
HEATHER MIX A									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Counted	
80	Calluna vulgaris	20-30cm	16	18cm	Bushy	C	40m²		
80	Erica cinerea	20-30cm	16	18cm	Bushy	C	40m²		
50	Ulex minor	20-30cm	16	18cm	Bushy	C	40m²		
50	Vaccinium myrtillus	20-30cm	16	18cm	Bushy	C	40m²		
Total = 260									
MIXED NATIVE SCRUB MIX A									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Percentage Contribution	
15	Corylus avellana	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	15%
25	Crataegus monogyna	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	20%
19	Euonymus japonicus	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	10%
5	Ilex aquifolium	80-100cm	16	18cm	Hedge stock	Bushy	C	10%	5%
5	Ligustrum vulgare	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	2%
19	Prunus spinosa	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	10%
19	Rosa canina	80-100cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	2%
19	Sambucus nigra	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	50%	10%
19	Sorbus aucuparia	100-120cm	16	18cm	Feathered Whip	BR	1	50%	2%
Total = 90									
MIXED NATIVE SCRUB MIX B									
Number	Species	Height	10th	Specification	Pot Size	Specification	Density	Percentage Contribution	
19	Cornus sanguinea	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	10%	20%
30	Cytisus scoparius	80-100cm	16	18cm	Bushy	C	10m²	30%	
15	Ligustrum vulgare	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	10%	20%
35	Prunus spinosa	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	10%	35%
19	Sambucus nigra	100-120cm	16	18cm	Hedge stock	Feathered Whip	BR1	10%	10%
Total = 100									
MIXED NATIVE SCRUB MIX C									
Number	Species	Specification	Height	Pot Size	Density	Percentage Contribution			
5	Cytisus scoparius	Bushy	C	80-90cm	3L	60%			
5	Ilex aquifolium	Hedge stock	Bushy	C	80-90cm	3L	60%		
Total = 10									
MIXED NATIVE HEDGEROW									
Number	Species	Specification	Height	Density	Percentage Contribution				
75	Acer campestre	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
120	Acer campestre	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
140	Crataegus monogyna	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
140	Crataegus monogyna	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
75	Fagus sylvatica	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
120	Fagus sylvatica	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
35	Ligustrum vulgare	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
35	Ligustrum vulgare	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
35	Prunus spinosa	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
35	Rosa canina	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
60	Rosa canina	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
Total = 945									
MIXED NATIVE HEDGEROW PLANTING									
Number	Species	Specification	Height	Density	Weight	Percentage Contribution			
100	Acer campestre	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
200	Crataegus monogyna	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
100	Fagus sylvatica	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
100	Ligustrum vulgare	Hedge stock	Feathered Whip	BR100-120cm	0.3502	20%			
50	Rosa canina	Hedge stock	Feathered Whip	BR100-120cm	0.3502	10%			
Total = 500									

#### Specification Notes continued

and large knots, with one end pointed. Overall length of stakes should be a minimum 1800mm and 100mm diameter. Drive stakes vertically at least 300mm into bottom of the pit either side of rootball. Cross bar - 100 x 38mm secured to stakes using galvanised nails. Stakes above ground level - approximately one third of clear stem height - 750mm above ground level. 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. All fixing nails shall be galvanised annular ring.

Immediately following planting, all plants shall be watered-in to field capacity. Provide a 500mm radius circle, mulched around the base of each new tree and kept weed free.

**Root barriers:** trees planted adjacent to kerbs; soakways and underground services - install linear Re-root 600 barriers supplied by Green Blue Urban, or similar approved in accordance with manufacturer's instructions.

**Underground Services:** All pipe work shall be protected with Terram Root Guard or similar approved in the vicinity of trees.

**Hedge planting:** hedge planting shall be planted in double staggered rows [locations as indicated on the drawing]. Native hedgerows: install post & wire fence 1.2m high within centre of hedgerow.

#### MULCH

**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 fine composted bark mulch supplied by AHS Ltd - Fine Composted Bark - composted for 2-4 weeks with a particle size of 0-8mm, to a depth of 75mm, ensuring that the low branches of shrubs and herbaceous plants are not smothered. Supplied by AHS Ltd or similar approved. The mulch shall be topped-up to maintain, after settlement, a depth of not less than 50mm.

#### ACID GRASSLAND AREAS

A subsoil analysis shall be undertaken to determine the species mix for all the acid grasslands areas prior to determine the species mix. Areas beneath the existing trees may require replacing some of the mulch-enriched surface layer with a more nutrient-poor subsoil from the development area ensuring that the root protection areas are not compromised or affected. All works within RPA shall be supervised by a qualified arborist.

Aftercare: During the first year remove any weeds which grow before they run to seed, either by topping, mowing or by hand for smaller areas. Cut once the flowers have died back in the autumn, leaving the area undisturbed for as long as possible, ideally until February / March (before the first spring growth). The dead flowers and stems provide a diverse environment which is a haven for wildlife through the winter months. Cut the area down to around 10cm using a scythe, strimmer or mower, leaving the cuttings for up to a week before removing of site to enable the wildflowers to dry and shed seeds back into the soil.

#### IMPLEMENTATION

All tree, hedges and shrub planting areas 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

**Maintenance** The Aftercare Period shall extend for a five 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, 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.

**Copyright:** This drawing is the property of Bradford-Smith Landscape Architect. It must not be copied or reproduced or passed to a third party without written consent of Bradford-Smith Ltd.

**Dimensions:** Only figured dimensions are to be taken from this drawing. All contractors must visit site and be responsible for taking and checking all dimensions related to the works shown on the drawing. All levels in meters.

**Utilities/Highways/Environment:** It is the responsibility of the client or their contractor to liaise with Utility Providers, Highways Authority's and Environment Agency and to ensure that all approvals are in place. It is the responsibility of the contractor to locate all underground services prior to construction.

**Drawings:** All drawings and levels to be checked on site prior to the construction works commencing on site. All drawings shall be read in conjunction with relevant landscape specifications.

**Discrepancies:** Any discrepancy on the drawings shall be referred to the CA immediately.

## LEGEND

### SOFT LANDSCAPE

- Existing trees retained & protected - refer to Eco Urban Ltd tree report
- Existing tree removed
- Root Protection Area (RPA) - refer to tree report by Eco Urban Ltd
- Proposed tree planting
- Proposed mixed native hedgerow planting
- Proposed mixed native scrub planting
- Proposed ornamental shrub & groundcover planting
- Proposed heather mixes
- Proposed acid grassland seed mix - seed mix species tbc with ecologist & once detailed soil testing undertaken
- Proposed grass areas - mown
- Germinall Seeds A16
- Planning Application Site Boundary

## NOTES

Ground work within RPA of existing trees - Any required excavations within RPA's for the new planting and fence posts shall be undertaken by hand using hand held tools only to minimize any root damage. All such works will be undertaken in full accordance with Section 7.2 of BS5837: 2012. Any required root pruning will be undertaken by the Arboricultural Consultant (where such works are appropriate in accordance with the above Standard) and as detailed in Section 7.2.

**Tree Survey & RPA's** - Refer to Eco Urban Ltd - Tree Survey & Protection Plan.

**Hard landscape details and drainage** - refer to Architects and Engineers details. For details on retaining structures, please refer to engineers / architects details.

# PLANNING

D	21-08-2020	Amendments to new cycleways & planting areas
C	30-05-2020	Amendments to cycleway & planting areas
B	30-05-2020	Amendments to cycleway & planting areas
A	07-01-2020	Minor amendments to planting areas
Date		Name
Revisions		

BRADFORD-SMITH

LANDSCAPE ARCHITECT

5 THOROLD ROAD

FARNHAM

SURREY

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Project  
New Facility at Land at Wessex Field, Castle Lane East, Bournemouth, Dorset, BH7

Client  
LOK'N STORE

Drawing Title  
DETAILED PLANTING PLAN & SCHEDULE

Scale	Date	Drawn
1:200 @ A1	December 2019	MS
Drawing No.	Revision	
694-LA-P-02	D	

<input type="checkbox"/> Preliminary	<input type="checkbox"/> Issued for Design Information
<input type="checkbox"/> Issued for Planning Approval	<input type="checkbox"/> Issued for Tender
<input type="checkbox"/> Issued for Construction	<input type="checkbox"/> As Built

## SPECIFICATION NOTES

### For Proposed Trees, Hedges & Shrub Planting -

These implementation and maintenance specification notes are for planning purposes only and do not constitute a detailed landscape specification.

### SITE PREPARATION

#### Subsoil

Subsoil for general planting areas: the onsite subsoil and/ or imported subsoil shall be tested and checked to comply with the British Standards recommendations and undertaken by an approved independent laboratory (such as Tim O'Hare Associates or equivalent approved soil scientist).

Provide subsoil as necessary to make up the deficiency on site. Natural or imported subsoil (from and approved source), tested to determine suitability for use for landscape planting areas. Test report submitted for approval and any deficiencies identified to enable ameliorant's recommendations.

Subsoil shall comply with BS 8601:2013 - Specification for subsoil and requirements for use supplied from an approved source.

#### Imported Topsoil

Imported topsoil shall be to BS 3882: 2015: *Specification for topsoil and requirements for use*, Multi-purpose grade - (Landscape 20) and be of medium texture with a high proportion of loamy material. It shall be free from subsoil, rubbish, roots of perennial weeds (including couch grass) and other injurious to plant growth. Imported topsoil shall be from an approved source and a sample submitted and analyzed/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.

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 and added nutrients shall be applied by a qualified staff or supervised so the correct application is undertaken. NO imported topsoil to acid grassland areas or beneath existing trees.

**Root Protection Area beneath Existing Trees:** No new top soiling operations to take place within the RPA - all new planting to be planted into existing soil on site, using hand tools only to minimize root damage. If significant roots are encountered, these will be left undamaged and plants locally adjusted.

#### 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. Bottom of tree pit broken up to a depth of 150-200mm and scarify sides.

Tree pits: min. 1200 x 1200mm x 300-600mm deep (depth dependant on size of rootball). All tree pits to have 150mm aggregate drainage layer (if required).

Hedge and shrub planting areas: minimum 300mm 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.

#### Cultivation

Topsoil shall be cultivated to a minimum of 400mm 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.

### 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 and to allow adequate amount of backfill around the root ball.

Trees shall be planted upright and at the same depth as the grown nursery soil level with the root collar being at finished soil level, and evenly spaced, leaving room for growth. Allow at least 150-300mm clearance between the rootball and the edge of the pit to facilitate staking and to allow adequate amount of backfill around the rootball.

All new tree planting in accordance with BS8545:2014 *Trees: From Nursery to Independence in the Landscape - Recommendations*. Trees shall be pit planted and supported by either staking or underground guys. Underground guying to be in accordance with the manufacture's recommendations. All multi-stem trees or large shrubs shall be underground guyed. Stakes: two untreated softwood stakes double tree staked with cross bar. Stakes shall be softwood, peeled chestnut or larch, free from projections