

Proposed Tree Planting

Trees						
Plan Ref	Species	Girth (cm)	Height (cm)	Root Zone	Specification	Quantity
Ac	Acer campestre	12-14cm	350-425	3 X RB	Heavy Standard	3
Bp	Betula pendula	8-10cm	250-300	CG 25 Litres	Standard	3
Sau	Sorbus aucuparia	12-14cm	350-425	3 X RB	Heavy Standard	2

EXISTING TREES AND SHRUBS

Where any existing trees and or hedgerows and shrubs affecting the proposed development are to be retained it is recommended that such retention is in accordance with and subject to the recommendations of a full arboricultural condition survey and inspection for safety.

Any surgery required shall be in accordance with BS 3998 (2010) 'Tree Work - Recommendations', shall comply with any existing T.P.O. / Conservation Area requirements and shall require approval of the Landscape Architect and as appropriate the relevant Local Planning Authority prior to undertaken any works.

Avoid damage to branches, trunks and roots of trees. All existing trees and hedges to be retained are subject to BS 5837 (2012) 'Trees in Relation to design, Demolition and Construction - Recommendations' and must be fully fenced off, prior to the commencement of any works, in accordance with Figures 2 & 3 (p.20-21) at the full extent of the root protection area, as determined by Section 4.6 (P.10-11) and Annex D (P. 40).

No storage of materials, disposal of rubbish, site fires, spillage of oil and chemicals, ground compaction, excavation, mechanical cultivation or changes in level shall be carried out within existing tree/hedge canopies or fenced root protection areas.

PLANTING

All plants and planting shall comply with the requirements of all current/relevant British Standard specifications including BS 3936: Part 1 (1992), Part 2 (1990), Part 4 (2007), Part 7 (1989), Part 9 (1998), Part 10 (1990) unless such specifications contradict Biodiversity objectives, BS 4043 (1989) where applicable and BS4428 (1989). All plants to be supplied in accordance with the plant schedule. Any plant material planted outside the recognised planting season (Nov-Feb) is to be containerised stock and supplied at the sizes specified. All plants shall conform be in accordance with the National Plant Specification. Supplying nurseries shall be Registered under the HTA Nursery Certification Scheme. All plants shall be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE. No plants are to be planted in front of the gas / electric meter boxes to allow easy access. All Biodiversity Net Gain provision to be in accordance with BS 8683:2021: Process for Designing and Implementing Biodiversity Net Gain Specification.

TREE PLANTING

All trees are to be planted as shown ensuring a minimum of 5 metres from built form and 3 metres from drainage, with the exception of tree planting within Swales which should be undertaken in accordance with engineers recommendations, utility services and outside any easements and exclusion zones associated with services, pumping stations and utilities. Where necessary, root barriers are to be installed (supplier Greenleaf or similar approved), in accordance with Structural Engineers and manufacturers recommendations. Allow for the use of container stock during the period 1 April to 31 October, and field grown stock from 1 November to 31 March.

TOPSOIL REQUIREMENTS

To BS 3882 (2015) and as qualified by any site specific project contract specification and or Employers requirements. All areas shall be cultivated to a minimum depth of 150mm. All weed, rubbish and stones over 50mm gauge shall be removed. Earth to be rolled as required and raked in two directions as directed by further sections in this specification. It is the Contractors responsibility to ensure that all underground services have been located and identified in advance of tree pit excavation. Root barriers are to be provided as directed by the project engineer.

Standard/Select Standard tree pits 900 x 600mm depth -

Heavy Standard tree pits 900 x 750mm depth -

Where necessary excavate any compacted ground or areas of hardstanding that may conflict with the proposed planting to a minimum depth of 300mm, break up base to a depth of 150mm and backfill with topsoil. Increase tree pit dimensions to ensure that tree pits are at least 75mm deeper and 150mm wider than the rootball/root spread. Break up bottom of pits to a depth of 150mm and dome to the centre of the pit. Compacted glazed sides of pits should be roughened to allow root penetration. Any topsoil, be it existing or imported to be good quality loam, to be free from any stones greater than 50mm or pernicious or deleterious matter. Finished topsoil levels to be 25mm above adjoining paved areas and a minimum of 150mm below DPC of the adjacent building. Any shrinkage/settlement during the defects liability period to be rectified by the contractor. Full analysis of both existing and any imported topsoil is recommended prior to use to identify nutrient properties and content that may be detrimental to and inhibit establishment and growth. All landscaped areas are to be suitably rotavated to loosen subsoil to 300 mm deep at 600 mm centres in two directions and cleared of rubbish and builder's debris. Topsoil is to have adequate time to settle prior to the laying of turf. If not, gardens are to be rolled to ensure a suitable surface for laying.

PLANT MATERIAL TREATMENT

NB All to be British grown stock and fully hardened off. All trees to be supplied with a minimum 1.8m clear stem unless clearly stated otherwise.

Root Dip - Proprietary Root Dip applied to all bare rooted stock (1) at time of lifting at the nursery and (2) prior to planting.

Anti-Desiccant - At the discretion of the supplier/nursery proprietary anti desiccant to be applied to foliage of any containerised/rootballed material in leaf, and evergreens etc. (1) prior to transportation and (2) during any delay in planting.

Pruning - Allow for pruning all deciduous trees and shrubs by upto 1/3rd following planting at Landscape Architects direction or as instructed in the planting schedule.

Tree Stakes - Stakes to be vacuum pressure treated round, smooth and peeled Larch or Chestnut in accordance with the following requirements.

TREE STAKES TIES & GUARDS

Stakes to be vacuum/pressure treated with TANALITH preservative to comply with the Treatment Code (TE/GF6), softwood, round, peeled, straight, free of projections and pointed at one end. Minimum length, number and thickness for bare root stock to be determined as follows:

Tree Type	Min dia	Overall Hght	Hght above grd	No. stakes	No. ties
Whip (0.8/1.0m)	50mm	1.2m	0.45	1	1
Fthd 1.25/1.5m	50mm	1.2m	0.6	1	1
Light Std 3.5/2.5m	75mm	1.5m	0.6	1	1
Std Trees 3.5/2.5m	75mm	1.5m	0.6	1	1
Sel Std	75mm	1.65m	0.6	1	1
Hvy Std	100mm	1.8m	0.6	2	1
XHvy Std	100mm	1.8m	0.6	2	1

All native tree, hedge and shrub planting to be protected with suitable bio-degradable spiral rabbit guards and support cane where not otherwise staked. Allowance to be made for evergreen and bushy species to be protected with biodegradable mesh shrub guards and 750 x 25 x 25 timber stake and natural ties.

PROTECTIVE FENCING

The contractor shall maintain any tree protective fencing to existing hedgerows until all the site works are completed. The contractor will then remove the fencing and reinstate the ground. The fencing will remain the property of the contractor. Within the area so fenced, the existing ground level shall be neither raised nor lowered in the vicinity of existing trees, all excavations shall then be carried out by hand.

SAFETY PRECAUTIONS

The landscape contractor is to take all safety precautions to prevent any injury to any persons. They shall comply with the requirements of the current Health and Safety at Work Act and current Construction, Design and Management Regulations.

The landscape contractor shall notify the Landscape Architect immediately of any pernicious/notifiable weeds identified on the site and shall take all reasonable precautions to prevent the spread of such weeds.

Biodiversity enhancement measures



Bat Boxes x2

Vincent Pro Bat Box or similar

To be mounted on buildings in locations indicated on plan. A minimum of 4.0 metres above ground level and away from any access doors. Such measures will be implemented at the time of construction.



Bird boxes x4

RSPB Classic Nestbox or similar

To be mounted on buildings in locations indicated on plan. A minimum of 4.0 metres above ground level and away from any access doors. Such measures will be implemented at the time of construction.

Notes

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Dimensions
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CDM 2015
This drawing is for illustrative purposes and/or obtaining the relevant planning permission only. It should not be used for construction and accordingly, risk identification under the Construction (Design & Management) Regulations 2015 has not been undertaken.

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Rev	Description	Date
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Client
F Dring & Sons Ltd

Project
High Road
Moulton, Whaplode

Drawing
Landscape and Biodiversity enhancements plan

Scale @ A1	Date
1: 500	09/09/24

Drawn By	Checked By
WW	LMS

Job Number	Status	Purpose of Issue
1539-1	CC	Condition Compliance

Drawing No. **Rev**
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