

Tree planting - Land adjoining Brindles, Kidmore End Road, Emmer Green, Reading

New tree details (to be read in conjunction with attached plan):

Code on plan	Species	Minimum planting size
NT1	Oak (<i>Quercus robur</i>)	12/14 cms girth + 3-3.5m height
NT2	Field maple (<i>Acer campestre</i>)	12/14 cms girth + 3-3.5m height
NT3	Field maple (<i>Acer campestre</i>)	12/14 cms girth + 3-3.5m height
NT4	Liquidamber (<i>Liquidamber styraciflua</i>)	12/14 cms girth + 3-3.5m height
NT5	Silver birch (<i>Betula pendula</i>)	12/14 cms girth + 3-3.5m height
NT6	Field maple (<i>Acer campestre</i>)	12/14 cms girth + 3-3.5m height
NT7	Silver birch (<i>Betula pendula</i>)	12/14 cms girth + 3-3.5m height
NT8	Paperbark birch (<i>Betula papyrifera</i>)	12/14 cms girth + 3-3.5m height
NT9	Paperbark birch (<i>Betula papyrifera</i>)	12/14 cms girth + 3-3.5m height
NT10	Silver birch (<i>Betula pendula</i>)	12/14 cms girth + 3-3.5m height
NT11	Silver birch (<i>Betula pendula</i>)	12/14 cms girth + 3-3.5m height
NT12	Silver birch (<i>Betula pendula</i>)	12/14 cms girth + 3-3.5m height
NT13	Paperbark birch (<i>Betula papyrifera</i>)	12/14 cms girth + 3-3.5m height
NT14	Silver birch (<i>Betula pendula</i>)	12/14 cms girth + 3-3.5m height
NT15	Himalayan birch (<i>Betula jacquemontii</i>)	12/14 cms girth + 3-3.5m height
NT16	Paperbark birch (<i>Betula papyrifera</i>)	12/14 cms girth + 3-3.5m height

Code on plan	Species	Minimum planting size
NT17	Hornbeam (<i>Carpinus betulus</i>)	12/14 cms girth + 3-3.5m height
NT18	Liquidamber (<i>Liquidamber styraciflua</i>)	12/14 cms girth + 3-3.5m height
NT19	Oak (<i>Quercus robur</i>)	12/14 cms girth + 3-3.5m height
NT20	Liquidamber (<i>Liquidamber styraciflua</i>)	12/14 cms girth + 3-3.5m height
NT21	Hornbeam (<i>Carpinus betulus</i>)	12/14 cms girth + 3-3.5m height
NT22	Oak (<i>Quercus robur</i>)	12/14 cms girth + 3-3.5m height
NT23	Hornbeam (<i>Carpinus betulus</i>)	12/14 cms girth + 3-3.5m height
NT24	Oak (<i>Quercus robur</i>)	12/14 cms girth + 3-3.5m height
NT25	Liquidamber (<i>Liquidamber styraciflua</i>)	12/14 cms girth + 3-3.5m height

Tree stock & nursery specification:

- The new trees must be (at least) as the sizes listed in the tree table above and the specification must be as classified in section 7.1 of BS 3936 – Nursery Stock Part 1: Specification for Trees and Shrubs.
- A suitably qualified and experienced Arboriculturalist must select all trees and shrubs from a reputable nursery / tree supplier.
- Trees must be free from disease, true to type and of a size scheduled in accordance with the approved method of measurement. All trees must exhibit a clearly defined stem taper, evident from crown through to root flare and appropriate to the species. All trees must have been formatively pruned at the nursery to give well-balanced crown formation and a well formed straight central leader. All rootballs must contain a fully fibrous root system.

Transportation to site and storage:

- All plants must be adequately and carefully packed and protected to survive transport and transported in an appropriate vehicle. On arrival at site, trees must be inspected by an appropriate person and any sub-standard or damaged trees must be rejected at this time; suitable arrangements must then be made for replacements of any such trees.
- Any trees which are not planted at the time of arrival at site must be watered frequently to prevent drying out.

Timing of planting:

- Tree planting must be undertaken in the appropriate planting season between 1st November and 31st March, a suitable time for the commencement of these works will be agreed between GHA Trees and the owner of the site, in agreement with the Local Planning Authority.

- The planting must be carried out when the weather is dull and the ground is moist and workable. On no account must the planting take place when there is freezing wind.

Planting & young tree support / protection:

- A representative from GHA Trees will meet with the tree-planting contractors on site to explain the scope of the planting scheme and ensure all work is done in line with industry best practice and BS 8545:2014 - Trees: from nursery to independence in the landscape.
- All trees must be planted by suitably experienced persons using appropriate planting equipment and techniques.
- Given all of the trees are to be planted in grassed areas, there is no requirement for any specialised tree pit installations.
- Immediately before planting, all container and pot grown plants will be well watered. Care will be taken during planting not to break up the root ball.
- **CHECK FOR UNDERGROUND SERVICES PRIOR TO THE COMMENCEMENT OF EXCAVATIONS!**

FOR ROOTBALLED STOCK:

- Tree pits must be of a diameter at least 75mm greater than the diameter of the root ball. The depth of the pit must be no deeper than the existing root-ball or container depth to ensure the root flare sits at the same level as the adjacent grassed areas. The base of the tree pit must not be disturbed unless there are specific problems such as poor drainage, soil smearing or pans resulting from pit construction which need to be rectified.
- Once a root-balled tree has been positioned in the planting pit, any sacks, hessian, twine wire cages must be loosened as required. If wire encircles the stem diameter as part of the wire cage of the rootball, this must be cut and removed. The tree will be planted at the correct depth taking into account the position of the root flare. Allowances must be made for the settling of the soil after planting.
- Backfilling must then occur ensuring the soil is lightly compacted to avoid any air gaps. Backfill applied must, as far as possible, replicate the horizons within the original soil profile.
- The existing soil will be screened and any foreign bodies / large stones must be removed from site. If additional soil is required to backfill, this is to be a 'multipurpose topsoil' in accordance with BS3882:2015 Specification for topsoil.
- All plants must be watered again immediately after planting operations. To be wet to full depth of topsoil or wet to field capacity using either potable mains water, recycled or treated grey water. If there is any surface compaction the soil must be loosened to direct water to the rootzone, taking care not to damage or loosen plants.
- A layer of mulch to a depth of 75mm must be spread over whole of planting bed immediately after watering in.
- All new trees must be supported using two wooden stakes and hessian tree ties.

Aftercare & watering:

- The new specimens that are to be planted will require watering during dry periods for the first three years after planting. This must be done either early in the morning or late evening to allow the trees to gain full benefit. The timing and frequency of such watering will be dependent on climatic variations.
- The trees must be kept free from weed and grass competition, with elimination of all weeds within a 0.5m radius of the main stems for the first three growing seasons.
- All support guys must be monitored and adjusted to allow the tree to grow freely. Stakes will only be removed when the trees no longer require them and having become sufficiently established. This will be confirmed by the retained arboriculturalist.
- Trees must be inspected for disease regularly during the first five growing seasons.

Pruning requirements for new trees:

- The new trees will not require any regular long-term management.

