# Planting Schedules

## Standard Tree Planting Schedule

| Name | Form | Age | Girth (cm) | Height (cm) | Clear stem (cm) | Root condition | Breaks | Nr of Trees |
|---|---|---|---|---|---|---|---|---|
| *Betula pubescens* | Standard (extra heavy) | 3x | 14-16 | 400-450 | min 200 | RB | 5 | 2 |
| *Crataegus persimilis* | Standard (extra heavy) | 3x | 14-16 | 400-450 | min 200 | RB | | 1 |
| *Malus sylvestris* | Standard (extra heavy) | 3x | 14-16 | 400-450 | min 200 | RB | 5 | 2 |
| *Quercus robur* | Standard (extra heavy) | 3x | 14-16 | 400-450 | min 200 | RB | 5 | 3 |
| *Sorbus aucuparia* | Standard (extra heavy) | 3x | 14-16 | 425-600 | 175-200 | RB | 5 | 3 |
| Total | | | | | | | | 11 |

## Single Species Hedgerow Planting Schedule

| Plant name | Height (cm) | Root Condition | Habit | Breaks | Size (L) | Density/ lin m | Length (m) | Total No. Plants |
|---|---|---|---|---|---|---|---|---|
| ***Hedgerows (Rows at 300mm centres) Single Row*** | | | | | | | | |
| *Fagus sylvatica* | 175-200 | C | Branched | 3 | 7.5 | 4 | 40 | 160 |

## Mixed Species Hedgerow Planting Schedule

| Plant name | Common Name | Height (cm) | Root Condition | Number of times Transplant (min) | Form | Length (lin.m) | Plants/ lin.m | Total No. Plants |
|---|---|---|---|---|---|---|---|---|
| ***Hedgerows (Double staggered row. 5 per m)*** | | | | | | | | |
| *Corylus avellana* | *Hazel* | 60-80 | B | 1+1 | Branched | 4 | 5 | 20 |
| *Crataegus monogyna* | *Hawthorn* | 60-80 | B | 1+1 | Transplant | 80 | 5 | 400 |
| *Malus sylvestris* | *Crab Apple* | 60-80 | B | 1+1 | Branched | 6 | 5 | 30 |
| *Ilex aquifolium* | *Holly* | 60-80 | B | 1+1 | Leader and laterals | 10 | 5 | 50 |
| *Prunus spinosa* | *Blackthorn* | 60-80 | B | 1+1 | Transplant | 4 | 5 | 20 |
| *Rosa canina* | Dog Rose | 40-50 | B | 1+0 or 1/1 | Branched | 4 | 7 | 28 |
| *Viburnum opulus* | *Gulder Rose* | 60-80 | B | 1+1 | Branched | 4 | 5 | 20 |
| | | | | | | 112 | | |
| All new hedgerows to include post and 3 wire fencing where no other adjacent fencing type has been specified. | | | | | | | | |

## Shrub Planting Schedule

| Plant name | Height (cm) | Root Condition | Size (L) | Habit | Breaks | Planting Mix (m2) | Density (per m2) | Total Number Plants |
|---|---|---|---|---|---|---|---|---|
| *Euonymus fortunei 'Silver Queen'* | 20-30D | C | 3L | Bushy | 3 | 1 | 3 | 3 |
| *Lavendula 'Hidcote'* | 20-30 | C | 3L | Bushy | 5 | 2 | 3 | 6 |
| *Perovskia atriplicifolia 'Blue Spire'* | 20-30 | C | 3L | Bushy | 3 | 2 | 3 | 6 |
| *Potentilla fruticosa 'Abbotswood'* | 20-30 | C | 3L | Bushy | 4 | 1 | 3 | 3 |
| *Rosa 'Kent'* | 40-60 | C | 3L | Bushy | | 2 | 3 | 6 |
| *Rosa 'Moonlight'* | 40-60 | C | 3L | Bushy | 4 | 1 | 3 | 3 |
| *Skimmia x confusa 'Kew Green'* | 30-40 | C | 3L | Bushy | 3 | 1 | 3 | 3 |
| *Viburnum davidii* | 40-60 | C | 3L | Bushy | | 1 | 3 | 3 |
| | | Totals | | | | 11 | | 33 |

## Bulb Planting Schedule

| Plant Name | Form | Grade | Density/m2 | % of Area | Area | Number of Bulbs |
|---|---|---|---|---|---|---|
| Crocus (mixed colours) | Bulb | 5./6 | 15 | 20 | 36 | 108 |
| *Galanthus nivalis* | Bulb | 5./6 | 15 | 20 | 36 | 108 |
| Narcissus 'Tete a Tete' | Bulb | 10./12 | 15 | 60 | 36 | 324 |

## Herbaceous/ Perennial Planting Schedule

| Plant Name | Root condition | Size | Propagation | Planting Mix (m2) | Density (m2) | Total Number Plants |
|---|---|---|---|---|---|---|
| *Alchemilla mollis* | C | 1L | S | 1 | 7 | 7 |
| *Anemone huphensis 'September Charm'* | C | 1L | V | 1 | 7 | 7 |
| *Bergenia 'Beethoven'* | C | 1L | V | 1 | 7 | 7 |
| *Deschampsia cespitosa* | C | 1L | V | 2 | 7 | 14 |
| *Geranium Rozanne* | C | 1L | V | 1 | 7 | 7 |
| *Helenium 'Moerheim Beauty'* | C | 1L | V | 1 | 7 | 7 |
| *Helleborus orientalis* | C | 1L | S or V | 2 | 7 | 14 |
| *Oregano vulgare 'Aureum'* | C | 1L | V | 1 | 7 | 7 |
| *Persicaria affinis 'Superba'* | C | 1L | S or V | 2 | 4 | 8 |
| *Sedum spectabile 'Brilliant'* | C | 1L | V | 1 | 7 | 7 |
| | | Totals | | 13 | | 85 |

## Planting Specification

Trees and shrubs planted shall comply with BS.3936 (Specification of Nursery Stock) and shall be planted in accordance with BS.4428 (General Landscape Operations) and BS8545:2014 ' Trees from nursery to dependence in the Landscape'. Engineer to refer to soft landscape proposals when undertaking foundation design. Contractor to familiarize themselves with location of underground services using routing plans, CAT scans and onsite survey prior to planting and excavations.

Bare root and root-balled stock to be planted in the dormant season.
All planting stock to be clearly labelled on delivery with the full botanical name. Plant stock to be approved prior to delivery to site and planting and trees be set out by Landscape Architect. All topsoil to be of good quality AS-DUG in accordance with BS 3882.2015. Depths of topsoil (Turf -150mm), (Shrubs- 300mm), Hedgerows (350mm) over free draining subsoil. Minimal topsoil coverage to be used on areas to be seeded and managed for wildflowers and wild-grasses. Use thin layer of topsoil only to provide initial seed bed if required.

Organic soil improvement compost to be dug into all planting areas and used at 1cubic m per 10m2. All planting beds to be mulched in 75mm depth medium grade bark mulch immediately after planting. Allow 50mm clearance of mulch around stem. Any imported soil, growing medium or compost shall be free of peat.

If very wet or very dry conditions are found in proposed planting areas the landscape architect shall review planting locations and/or species.

Tree pits to be dug 400mm larger than rootball in any direction. Side and base of pit to be forked over to aid drainage help root establishment. Tree pit to be back-filled with a mix of:

- *1 part 'Melcourt topgrow' (or similar)* peat free, tree planting compost;
- Mycorrhizal Fungi; and
- 3 parts good quality, as dug sub and top soils to similar profiles as existing (Preferably use the excavated soil if of suitable quality and free draining) .

Minimum 1m2 area surrounding tree to be level (cut into bank on sloping ground). Medium grade bark mulch to be placed at the base of each trees to a depth of 75mm. Mulch to be maintained at size and depth for at least two growing seasons.

Tree Stakes
3no. stakes and 3no. hessian/ rubber ties system to be used on each tree.
Stakes to be 75mm diameter tanalised softwood, pointed at one end. Top of stake to be 600mm above ground level . Stakes to be driven firmly into ground, position stakes at time of planting.

Monitor trees in growing season and provide water to ensure healthy establishment. Tree irrigation system to be provided to all trees. Consider use of Treegator® Watering Bag by Green Tech to provide slow release of water to new planted trees. Bag to be used throughout growing season for two consecutive years. Check bag regularly to ensure tree is not being damaged by bag. Remove bag and report to LA if issues are found.

Any queries in relation to planting schedules, layout or planting stock to be raised with Landscape Architect.

Suitable tree root barriers to be used on boundaries with hard-standing, walling, services, proposed and existing buildings.

**FOR PLANNING**

Lower Rackery Barns, Dark Lane, Burton. LL11 0AG

**Planting Schedules and Outline Specification for Planting**

**SCALE**: NTS | **DATE:** Nov 23

**DRAWING**: M703.03/LRB/LAND/02

mulberry