

PLANT SCHEDULES

Native Tree Planting (Indicative Mix)

Species Name	Girth	Form	Height	Clear Stem	Root
Acer campestre	10-12cm	Standard (Selected)	3.0- 3.5m	175cm	CG/ Air Pot
Alnus glutinosa*	10-12cm	Standard (Selected)	3.0- 3.5m	175cm	CG/ Air Pot
Betula pendula	10-12cm	Standard (Selected)	3.0- 3.5m	175cm	CG/ Air Pot
Betula pubescens*	10-12cm	Standard (Selected)	3.0- 3.5m	175cm	CG/ Air Pot
Carpinus betulus	18-20cm	Semi-Mature	4.0-5.0m	200cm	CG/ Air Pot
Crataegus monogyna	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Prunus avium	18-20cm	Semi-Mature	4.0-5.0m	200cm	CG/ Air Pot
Quercus robur	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Sorbus aucuparia	10-12cm	Standard (Selected)	3.0- 3.5m	175cm	CG/ Air Pot
Sorbus torminalis	10-12cm	Standard (Selected)	3.0- 3.5m	175cm	CG/ Air Pot
Tilia cordata	18-20cm	Semi-Mature	4.0-5.0m	200cm	CG/ Air Pot

CG=Container grown tree

* Suitable for pond margins/damper soil

Semi-Ornamental/Street Tree Planting (Indicative Mix)

Species Name	Girth	Form	Height	Clear Stem	Root
Acer campestre 'Elsrijk'	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Acer freemanii 'Autumn Blaze'	20-25cm	Standard (Semi-mature)	4.5- 5.5m	200cm (min.)	CG/ Air Pot
Betula pendula 'Switser's Glory'	20-25cm	Standard (Semi-mature)	4.5- 5.5m	200cm (min.)	CG/ Air Pot
Carpinus betulus 'Frans Fontaine'	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Crataegus prunifolia	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Malus floribunda	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Prunus padus 'Albertii'	20-25cm	Standard (Semi-mature)	4.5- 5.5m	200cm (min.)	CG/ Air Pot
Pyrus calleryana 'Red Spire'	20-25cm	Standard (Semi-mature)	4.5- 5.5m	200cm (min.)	CG/ Air Pot
Sorbus hupehensis	14-16cm	Standard (Extra Heavy)	3.5- 4.0m	175-200cm	CG/ Air Pot
Tilia cordata 'Greenspire'	18-20cm	Standard (Extra Heavy)	4.0-4.5m	200cm	CG/ Air Pot

CG=Container grown tree

Mixed Native Scrub planting (Indicative Mix)

Name	Height	Specification	% Mix
<i>Acer campestre</i>	60-80cm	1+2 Transplant, Whip, BR	15
<i>Corylus avellana</i>	60-80cm	1+2 Transplant, Whip, BR	10
<i>Crataegus monogyna</i>	60-80cm	1+2 Transplant, Whip, BR	10
<i>Euonymus europaeus</i>	60-80cm	1+2 Transplant, Whip, BR	10
<i>Ilex aquifolium</i>	60-80cm	1+2 Transplant, Whip, 2L	5
<i>Malus sylvestris</i>	60-80cm	1+2 Transplant, Whip, BR	10
<i>Prunus spinosa</i>	60-80cm	1+2 Transplant, Whip, BR	10
Rhamnus cathartica	60-80cm	1+2 Transplant, Whip, BR	5
<i>Salix caprea (male form)</i>	60-80cm	1+2 Transplant, Whip, BR	5
<i>Salix cinerea</i>	60-80cm	1+2 Transplant, Whip, BR	5
<i>Sambucus nigra</i>	60-80cm	1+2 Transplant, Whip, BR	5
<i>Viburnum opulus</i>	60-80cm	1+2 Transplant, Whip, BR	10

Note: Scrub to be planted in a 1.25 x 1.25m grid in random groups of 6-9no. plants/species.

Indicative Mixed Native Hedge planting

Species Name	Height	Specification	% Mix
Acer campestre	60-80cm	1+2 Transplant, Whip, BR	15
Cornus sanguinea	60-80cm	1+2 Transplant, Whip, BR	5
Corylus avellana	60-80cm	1+2 Transplant, Whip, BR	10
Crataegus monogyna	60-80cm	1+2 Transplant, Whip, BR	25
Ilex aquifolium	60-80cm	1+2 Transplant, Whip, BR	5
Prunus spinosa	60-80cm	1+2 Transplant, Whip, BR	15
Rhamnus cathartica	60-80cm	1+2 Transplant, Whip, BR	5
Rosa arvensis	60-80cm	1+2 Transplant, Whip, BR	5
Sambucus nigra	60-80cm	1+2 Transplant, Whip, BR	5
Ulmus glabra	60-80cm	1+2 Transplant, Whip, BR	5
Viburnum opulus	60-80cm	1+2 Transplant, Whip, BR	5

BR = bare root

Note: Hedgerow to be planted in a double staggered row 400mm apart, in random groups of 6-9no. plants/species

Single Species Native Hedge

Species Name	Height	Specification	% Mix
Fagus sylvatica	60-80cm	1+2 Transplant, Whip, BR	100
Taxus baccata	80-100cm	15l Pot	100

Indicative Seed Mixes

Type	Supplier/Mix	Description	Sowing Rate
Fine Lawn Grass	Emorsgate EG21	Fine Lawn Grass Mixture	25g/m ²
Amenity Grass	Emorsgate EG22	Strong Lawn Grass Mixture	25g/m ²
Species Rich Grass	Emorsgate EG1	General Purpose Meadow Grass	5g/m ²
Wildflower Meadow	British Wildflower Seeds	Dorset (Mid) Meadow Seed Mix (Organic)	3g/m ²
Wetland Meadow	Emorsgate EG8	Meadow Grass Seed Mixture For Wet Soil	4g/m ²
Pond Edge/Marginal	Emorsgate EP1	Pond Edge Mixture	4g/m ²

Indicative Shrub and Herbaceous Planting - TYPE 1

Species Name	Height	Pot Size	Form	Density (m ²)
Ajuga reptans 'Blueberry Muffin'	10-20cm	3L	Container	6
Allium 'Globemaster'	80-100cm	2L	Container	5
Calamagrostis 'Karl Foerster'	80-100cm	5L	Container	4
Caryopteris 'Heavenly Blue'	40-60cm	5L	Container	5
Ceanothus 'Blue Mound'	30-40cm	5L	Container	4
Choisya 'Aztec Pearl'	40-60cm	5L	Container	4
Echinacea purpurea	40-60cm	5L	Container	5
Euonymus 'Green Pillar'	40-60cm	5L	Container	5
Geranium phaeum	20-30cm	5L	Container	4
Geranium sanguineum	20-30cm	5L	Container	5
Geum 'Totally Tangerine'	20-30cm	2L	Container	4
Lavendula angustifolia 'Hidcote'	30-40cm	5L	Container	5
Miscanthus 'Kleine Silberspinne'	40-60cm	5L	Container	4
Parthenocissus tricuspidata 'Veitchii'	80-100cm	5L	Container	3
Rudbeckia 'Goldstorm'	40-60cm	5L	Container	5
Salvia nemorosa 'Caradonna'	40-60cm	5L	Container	5
Skimmia 'Kew Green' (Male)	40-60cm	5L	Container	5
Stipa tenuissima	40-60cm	5L	Container	5
Viola odorata	10-20cm	3L	Container	6

Note: to be planted in random curving swathes of 5 - 11 plants per species

Indicative Shrub & Herbaceous Planting - TYPE 2

Species Name	Height	Pot Size	Form	Density (m ²)
Ajuga reptans	10-20cm	1L	Container	5
Anemone nemorosa	20-30cm	1L	Container	5
Asplenium scolopendrium	40-60cm	5L	Container	3
Digitalis purpurea	80-100cm	2L	Container	3
Dryopteris affinis 'Cristata'	40-60cm	5L	Container	3
Euphorbia amygdaloides	30-40cm	2L	Container	4
Galanthus nivalis	n/a	n/a	Bulb	30
Geranium phaeum	20-30cm	2L	Container	4
Polypody vulgare	40-60cm	5L	Container	3
Polystichum setiferum	40-60cm	5L	Container	3
Primula vulgare	10-20cm	1.5L	Container	5
Prunella vulgaris	20-30cm	1.5L	Container	5
Stachys officinalis	20-30cm	1.5L	Container	5
Viola odorata	10-20cm	1.5L	Container	5

Note: to be planted in groups of 5 - 11 plants per species

Indicative Shrub & Herbaceous Planting - TYPE 3

Species Name	Height	Pot Size	Form	Density (m ²)
Ceanothus 'Blue Mound'	30-40cm	5L	Container	4
Ceanothus thyrsiflorus repens	30-40cm	5L	Container	4
Choisya 'Aztec Pearl'	40-60cm	5L	Container	4
Escallonia 'Red Elf'	40-60cm	5L	Container	5
Euonymus 'Green Pillar'	40-60cm	5L	Container	5
Euonymus Happiness	40-60cm	5L	Container	5
Skimmia 'Kew Green' (Male)	40-60cm	5L	Container	5
Viburnum davidii	40-60cm	5L	Container	5

Note: to be planted in groups of 5 - 9 plants per species

Specimen Shrubs & Multi-stems

Species Name	Height	Pot Size	Form	Density (m ²)
Cornus mas	2-2.5m	50L	Container	n/a
Magnolia stellata 'Water Lily'	2-2.5m	50L	Container	n/a
Prunus subhirtella 'Autumnalis'	2-2.5m	50L	Container	n/a

Species Name	Common Name	Specification	Density (m ²)
Narcissus pseudonarcissus	Native Daffodil		30

Indicative Marginal & Wetland Planting

Species Name	Common Name	Pot Size	Specification	Density (m ²)
Butomus umbellatus	Flowering Rush	3L	Container	5
Caltha palustris	Marsh Marigold	5L	Container	5
Filipendula vulgaris	Meadowsweet	3L	Container	5
Iris pseudacorus	Yellow Iris	5L	Container	5
Juncus inflexus	Hard Rush	5L	Container	5
Lythrum salicaria	Purple Loosestrife	5L	Container	5
Myosotis scorpioides	Water Forget-me-not	3L	Container	5
Perscaria amphibia	Amphibious Bistort	3L	Container	5

LANDSCAPE IMPLEMENTATION AND MANAGEMENT

- All planting works to be carried out by a competent landscape contractor.

TIMES OF YEAR FOR PLANTING

- Deciduous trees and shrubs: October to late March.
- Herbaceous plants: September/ October or March/ April.
- Container grown plants: At any time if ground and weather conditions are favourable.

CLIMATIC CONDITIONS

- General: Carry out the work while soil and weather conditions are suitable. Do not plant in strong winds.

TOPSOIL

- Existing site won topsoil to be used. Any additional Imported topsoil to be in accordance with BS 3882:2015 multipurpose Q.
- A 400mm deep layer of topsoil to BS 3882 to be applied to all shrub and herbaceous planting areas.
- Raised beds to be filled with topsoil to BS 3882 as shown on the typical planting detail.

TREE PLANTING

- All trees to be supplied and planted in accordance with BS 3936-1 and BS 8545.
- Excavate tree pit with slightly raised centre. Break up base to a depth of 200 mm. Rootball to sit directly beneath soil surface.
- 14-16cmg and smaller to be staked in accordance with the Softworks Details
- 18-20cmg and larger to be underground guyed in accordance with the Softworks

Details.

- Install and tighten underground guying system. Installation of irrigation system; Lay in loop above root ball with slight fall away from inlet pipe.
- Trim length to ensure a close fit in the tree pit. Connect both ends of pipe securely into plastics tee junction on inlet.
- Top cap of inlet: Protruding slightly above finished surround level.
- Backfill material: Carefully compact in layers.
- Apply 50mm bark mulch to surface of tree planting.

WATERING

- Quantity: Wet full depth of topsoil.
- Application: Even and without damaging or displacing plants or soil.
- Frequency: As necessary to ensure establishment and continued thriving of planting.

FAILURES OF PLANTING

- Defects due to materials or workmanship not in accordance with the Contract: Plants/ trees/ shrubs that have failed to thrive.
- Exclusions: Theft or malicious damage after completion.
- Rectification: Replace with equivalent plants/ trees/ shrubs.
- Replacements: To match size of adjacent or nearby plants of same species or match original specification, whichever is the greater.
- Timing of making good: During the next suitable planting season.

GENERAL MAINTENANCE

- All landscape maintenance is to be undertaken by a competent landscape contractor from completion of planting until the end of the rectification period.
- Frequency of maintenance visits in accordance with agreed maintenance schedule and sufficient to ensure successful establishment.
- Weed control: Maintain weed free area around each tree and shrub.
- Diameter (minimum): The larger of 1 m or the surface of original planting pit.
- Keep planting beds clear of weeds: By maintaining full thickness of mulch.
- Planted areas: Fork over beds as necessary to keep soil loose, with gentle cambers and no hollows. Take care not to reduce depth or effect of mulch.
- Precautions: Ensure that trees and shrubs are not damaged by use of mowers, nylon filament rotary cutters and similar powered tools.
- Firming up: Gently firm loosened soil around trees/ shrubs. Straighten leaning trees/ shrubs.
- Trees: Spray crown when in leaf during warm weather.
- Timing: After dusk.
- Tree accessories: Check condition of stakes, ties, guys, guards and irrigation and ventilation systems.
- Broken or missing items: Replace.
- Loose stakes: Re-firm in the ground or replace as necessary to provide support to the tree.
- Loose guys: Re-firm anchor points and adjust as necessary to provide support to the tree.
- Ties: Adjust to accommodate growth and prevent constriction or abrasion.
- Damage to bark: Cut back neatly with sharp knife. Prevent further damage.
- Frequency of checks: At each scheduled maintenance visit.
- Watering: As required for healthy establishment, depending on weather conditions.

P2 P1 REV	14.03.23 31.03.23 DATE	Issue for Planning Issued for Information COMMENTS	AV / PO AV / DE AUTHOR / CHECKED
-----------------	------------------------------	--	--

PROJECT TITLE		
Marnhull		
DETAIL		
Planting Schedules		
DRAWING NUMBER (PROJECT-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)		
MAR - LHC - 00 - XX- DR - L - 94.05		
STATUS	STATUS DESCRIPTION	
D0	FOR PLANNING	
REVISION	DATE	SCALE
P2	MARCH 2023	n/a A3
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE - ONLY FIGURED DIMENSIONS ARE TO BE WORKED FROM - DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING © THIS DRAWING IS COPYRIGHT		LHC PROJECT NUMBER
		22068