

- Any proposed substitutions, whether species, cultivar, pot size or other specification, must be approved by landscape architect prior to planting;
- All Nursery Stock to comply with BS3936 Part 1:1992 and all subsequent amendments;
- All Landscape operations to comply with BS4428:1989 and all subsequent amendments;
- The landscape contractor to make him/herself aware of any services prior to planting.
- Landscape implementation will be overseen by the Landscape Architect; stages to include setting out; supply of plants and materials; placement and cultivation; planting phase; final snagging.
- SOILS
 - The protection of topsoil and subsoil for planting areas should accord with the Construction Code for the Sustainable Use of Soils on Construction Sites (DEFRA, 2009), BS 3882:2015 and BS 8545:2014;
 - Great care must be taken to preserve soil quality and integrity;
 - All ground modelling to be to smooth and flowing contours new soil edge to be feathered to marry into paths and adjacent levels;
- All planting areas to be cultivated, with prior ripping where necessary to relieve compaction caused by tracking;
- Soils allowed to settle prior to planting or seeding;
- Settled soil profiles to be 300mm topsoil over 600mm subsoil for all areas of tree planting/mixed tree and shrub planting; shrubs only and mixed shrub and to receive 300mm topsoil over 150mm subsoil

- TREE PITS
 - Tree pits to be excavated to minimum 1m x 1m x depth of rootball. In sloping ground, maintain horizontal bases and vertical sides with no less than minimum depth throughout. If compacted, break up bottoms of pits to a depth with a fork and scarify sides;
 - All tree pits to be back filled with 600mm subsoil followed by 300mm topsoil;
 - Rootballed trees to be anchored underground with Greenleaf Rootball Fixing System and planted with Greenleaf 'Root Rain Urban' watering pipes, fitted according to manufacturer's instructions;
 - Tree supply, planting and aftercare must accord with BS 8545:2014.

specification for trees & hawthorn hedge

Spacing	ID	No.	Latin Name	Scheduled Size	
5/linm	Cm	494	Crataegus monogyna	60-80cm, BR	1+1
TREE	Mg	5	Mespilus germanica	10-12cm	RB
TREE	Mn	1	Morus nigra	12-14cm	RB
TREE	Msy	3	Malus sylvestris	10-12cm	RB
TREE	PdV	3	Prunus domestica 'Victoria'	2-yr	St Julien A rootstock
TREE	Qr	4	Quercus robur	18-20cm RB	ftthr
TREE	Sauc	2	Sorbus aucuparia	10-12cm multi-stem	5no. stems RB
TREE	TcG	5	Tilia cordata	18-20cm	RB

specification for forest garden planting all 5L pots, 400m2:

- Upper storey shrubs suited to part shade 15% 60m2:**
 - Amelanchier lamarckii* Juneberry 15no.
 - Laurus nobilis* Bay tree 15no.
- Under storey shrubs suited to part shade 25% 100m2:**
 - Chaenomeles speciosa* Japanese quince 12no.
 - Ribes* spp: Blackcurrants 12no., Redcurrants 12no. Raspberries 12no. and Gooseberries 12no.
 - Salvia officinalis* Sage 12no.
- Under storey shrubs suited to sun 20% 80m2:**
 - Rosmarinus officinalis* Rosemary 15no.
 - Vaccinium corymbosum* Blueberry 20no.
 - Brassica oleracea* Nine star broccoli 15no.
- Perennials suited to light shade 20% 80m2:**
 - Armoracia rusticana* Horseradish 15no.
 - Diplotaxis tenuifolia* Wild rocket 40no.
 - Fragaria vesca* alpine strawberry 30no.
 - Helianthus tuberosus* Jerusalem artichoke 20no. (TOWARDS BACK)
 - Melissa officinalis* Lemon balm 20no.
 - Rumex acetosa* Sorrel 20no.
- Perennials suited to sun 20% 80m2:**
 - Agastache rugosa* Korean liquorice mint 30no.
 - Allium fistulosum* Welsh onion 30no.
 - Oreganum vulgare* 'Aureum' Golden marjoram 30no.
 - Rheum* 'Holstein Bloodred' & 'Victoria' Rhubarb (AND ALSO LIGHT SHADE) 30no.

Note: allow some bare ground left for annual planting such as wigwams (made of hazel coppice) of sweet peas, runner beans, courgettes and squash

specification for woodland plugs & bulbs

- Primula vulgaris* Primrose 500no. plugs 30cm apart
- Hyacinthoides noscriptus* Bluebell 1000no. bulbs 8cm apart
- Narcissus pseudonarcissus* Wild daffodil 1000no. bulbs 30cm apart
- Anemone nemorosa* Wood anemone 1000no. bulbs 8cm apart

specification for pond marginals

- Butomus umbellatus* Flowering rush 40no. 1litre pots
- Caltha palustris* Marsh marigold 40no.
- Iris pseudacorus* Yellow flag iris 30no.

additional biodiversity enhancements

- Bat Boxes 2no.**
RSPB Shop codes: R408786 or R405121
Minimum 4m above ground, south to westerly aspects
- Bee Box**
solitary bee nesting (RSPB code R421136).
3no. boxes; a minimum of 1m – 1.2m above ground, south east to south west aspects
- Bird Box**
3 no: 2x 32mm entrance nest box (RSPB codes R401639, R1017), 1x open-fronted (RSPB R1073)
- Hedgehog House**
2no. hedgehog home (RSPB Shop code R407814) of solid construction type, not woven. Tucked away behind dense vegetation.
- Bird Feeding Station**
2no. bird feeding stations (RSPB Shop code R421115)
Two hanging feeders from each (RSPB Shop code R401636 or R421022 or R408647) hung from the metal brackets of the station



legend

- existing trees and scrub retained
- existing grassland / areas to be cleared of scrub
- proposed bark mulched areas
- proposed hawthorn hedge; 5no. plants per linear m in double staggered row, mulched
- proposed 1100mm cleft oak fencing
- proposed forest garden/permaculture areas prepared and planted as specified, mulched
- proposed timber raised beds for vegetable gardening, suitable for wheelchair use, with cultivated dressed topsoil 400mm
- proposed 'play on the way' play trail with 'Jupiter Play' equipment; includes wind chimes, snake in the grass, stilt walk
- proposed water butt or tank with mesh or concave lid
- proposed Coed Dinefwr benches with backs and arms: 4no. green oak
- proposed Coed Dinefwr picnic table with disabled access: 3no. green oak
- proposed boardwalk
- proposed 1600m wide path with rolled gravel surface, timber-edged, central camber; exact route to be confirmed on site
- proposed 1200mm wide path with bark surface, unedged; exact route to be confirmed on site
- proposed 11no. 250mm diameter log stepping stones driven vertically into ground
- proposed 7no. 600-800mm diameter blue pennant boulders to approval around pond

play trail

- 1 Jupiter Play balancing snake
- 2 Jupiter Play Chime cascade
- 3 Jupiter Play Totem Path
- 4&6 Jupiter Play Talk Tubes with Sovereign Play Equipment 'Wooden Mushrooms' (2 sets of 3no.)
- 5 Jupiter Play Revolve
- 7 Jupiter Play Balance Bridge



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