

# schedule of plants

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project	Waites Houses, Priory Road
ref	FL_WAI_S_010_revb
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status / revision	for planning
notes	Schedule of plants: To be read in conjunction with drawings FL_WAI_P_001 to P_015 and supporting information. The schedule lists plants area by area, corresponding to the plans.

**Trees:** To be supplied by Hilliers Nurseries Ltd [www.hillier.co.uk] or Barcham Trees plc [www.barcham.co.uk].

**Apple trees, fruit bushes & berries:** To be supplied by Brogdale Plant Centre [brogdaleonline.co.uk] or Keepers Nursery [www.keepers-nursery.co.uk].

**Shrubs, hedging & perennials:** To be supplied by Robin Tacchi Plants Ltd [www.robin-tacchi-plants.com], Wyevalle Nurseries [www.wyevalle-nurseries.co.uk] or Tendercare Ltd.

**Bulbs, native perennials & seed:** To be supplied by HV Horticulture (Really Wild Flowers) [www.reallywildflowers.co.uk].

## For all trees/plants/turf, allow for:

Handling, storage, transport and planting: To be in accordance with CPSE guidelines 'Handling and establishing landscape plants' (Horticultural Trades Association).

Supply: To be in accordance with the National Plant Specification.

Inspection: All plants to be inspected at the Nursery by the Client's Contract Administrator/Landscape Architect for approval prior to order.

Setting out: All setting out to be approved by Client's Contract Administrator/Landscape Architect.

Turfing, establishment and maintenance: To be in accordance with BS 3969.

Protection of all planting: To be temporary fencing/other appropriate method. Hedging to have appropriate quality timber post and wire fencing.

Defects Liability Periods from Practical Completion: Trees 2 years, Shrubs, climbers & hedging 1 year, Herbaceous plants & bulbs 1 year, Turf 1 year

Aftercare/Maintenance: To be twice monthly and in accordance with CPSE guidelines.

## For all preparation and topsoiling, allow for:

Plantbed/pit bases: To be open to the ground, free-draining and free of hardcore, brick, concrete, metal and extraneous material.

Subsoil: To be min depth 200mm, free of stones over 50mm dia. free of hardcore, brick, concrete, metal and extraneous material.

Drainage layer: To be 150mm depth washed horticultural gravel with Terram 1000 non-woven geotextile over.

Topsoil: To be suited to site ground conditions with appropriate compost (non-peat based) and soil improver to ensure plant establishment. To be accompanied by a Soil Analysis Report from ISO 1725 registered laboratory. Nutrients & texture to BS 3882 and pH to match site soil. Not less than 4% organic matter and not less than 25% water holding capacity. Max size of stones 25mm.

Topsoil depths: 450mm for shrubs, hedging & herbaceous, 200mm for turf, for trees see below.

Mulch with fine grade horticultural mulch to 75mm depth.

## For tree pits, refer to Detail drawing 07 [FL\_WAI\_D\_07] and allow for:

Sizes: To be to a diameter of 600mm greater than the rootball. 1000mm minimum open at ground level. Depth to be 300mm deeper than the rootball and not less than 1000mm deep.

Pit bottoms: To ensure pits are free-draining, with slightly raised centre and base broken up to a depth of 300mm minimum. Irrigation/aeration tube with screwfit cap for all trees.

Topsoil: Diameter/width of topsoil to be 800mm wider than the rootball & minimum 1500mm. Depth of topsoil to be minimum 1000mm and 300mm deeper than rootball.

Trees in lawn areas to have appropriate stakes and framing (eg 4 posts and cross-beams), to ensure that trees are protected from mowing machinery. Allow for 1M dia circle to be kept free of grass and mulched to 75mm depth. Underground guying or similar anchor for trees in paved and planted areas.

## trees

species

cm g (girth) / ht (height) spacing number notes: RB (rootballed), C (container grown)

	<b>pergola walkway area</b>				
Field maple	Acer campestre	300 - 350cm ht	as shown	1	RB, multistem, min 3 stems
Cockspur Thorn	Crataegus persimilis 'Prunifolia'	18-20cm g	as shown	1	RB, standard. Well-branched crown.
	<b>fruits and vegetable area</b>				
Apple	Malus 'Arthur Turner'	min 3-3.5m ht	as shown	1	3-4 year tree, on MM106 rootstock, with centre leader & clear stem to 150-180cm ht,
Apple	Malus 'Ribston Pippin'	min 3-3.5m ht	as shown	1	3-4 year tree, on MM106 rootstock, with centre leader & clear stem to 150-180cm ht,
Apple	Malus 'Katy'	min 3-3.5m ht	as shown	1	3-4 year tree, on MM106 rootstock, with centre leader & clear stem to 150-180cm ht,
	<b>lawn area</b>				
Magnolia	Magnolia grandiflora 'Ferruginea'	18-20cm g	as shown	1	RB, natural feathered/multi-branched form.
	<b>flower garden area</b>				
Magnolia	Magnolia x loebneri 'Leonard Messel'	3-3.5m ht	as shown	1	RB, multistem, min 4 stems
Cherry	Prunus serrula	3-3.5m ht	as shown	2	RB, multistem, min 4 stems

shrubs

	species	girth (cm) / height	spacing	number	notes: RB (rootballed), C (container grown)
	flower garden area				
Flowering Dogwood	Cornus alternifolia	150cm ht	as shown	3	C, well branched plants, min 4 stems
Spindle	Euonymus alatus 'Compactus'	60-80cm ht	as shown	1	C, well branched plants
Oakleaved hydrangea	Hydrangea quercifolia	60-80cm ht	as shown	2	C, well branched plants
Shrub honeysuckle	Lonicera x purpusii 'Winter Beauty'	100-125cm ht	as shown	2	C, well branched plants, min 4 stems
Star magnolia	Magnolia stellata	150cm ht	as shown	2	C, well branched plants, min 4 stems
Mulberry	Morus nigra	150cm ht	as shown	1	C, well branched plants, min 4 stems
	private gardens around the courtyard and along Priory Road				
Spindle	Euonymus alatus 'Compactus'	60-80cm ht	as shown	4	C, well branched plants
Hortensia	Hydrangea involucrata 'Hortensis'	80cm ht	as shown	2	C, well branched plants
Oakleaved hydrangea	Hydrangea quercifolia	60-80cm ht	as shown	3	C, well branched plants
Myrtle	Myrtus communis	60-80cm ht	as shown	4	C, well branched plants
Rose	Rosa 'Cornelia'	100cm ht	as shown	4	C, well branched plants
Rose	Rosa 'Grace'	100cm ht	as shown	3	C, well branched plants
Rose	Rosa 'Margaret Merrill Harkuly'	100cm ht	as shown	2	C, well branched plants
Rose	Rosa gallica officinalis	100cm ht	as shown	2	C, well branched plant
Rose	Rosa rugosa 'Alba'	100cm ht	as shown	2	C, well branched plants
Rose	Rosa rugosa 'Fru Dagmar Hastrup'	100cm ht	as shown	4	C, well branched plants
Christmas box	Sarcococca hookeriana var digna 'Purple Stem'	60-80cm ht	as shown	3	C, well branched plants
Viburnum	Viburnum davidii	60-80cm ht	as shown	3	C, well branched plants
Viburnum	Viburnum farreri	80-100cm ht	as shown	2	C, well branched plant
Viburnum	Viburnum juddii	80-100cm ht	as shown	2	C, well branched plants
Viburnum	Viburnum x burkwoodii	80-100cm ht	as shown	3	C, well branched plants

## hedging

species	girth (cm) / height	spacing	number	notes: RB (rootballed), C (container grown), supplier
private gardens along Priory Road and Woodchurch Road				
Hornbeam	Carpinus betulus	80-100cm ht	7/linear m	220 well branched hedging plants [91+114+15= 220]
		in 2 rows		infill long gap in existing hedgeline / new hedge
		staggered		allow for handwork in all areas due to existing plants including trees
		total length		
		31.6m		
Hornbeam	Carpinus betulus	80-100cm ht	5/linear m	18 well branched hedging plants
		in 2 rows		infill sparse section of existing hedgeline,
		staggered		allow for handwork in all areas due to existing plants including trees
		total length		
		3.7m		
Escallonia	Escallonia 'Apple Blossom'	80-100cm ht		38 well branched plants, which have been grown for hedging
Shrub honeysuckle	Lonicera x purpusii 'Winter Beauty'	80-100cm ht		20 well branched plants, which have been grown for hedging
	Osmanthus x burkwoodii	80-100cm ht		38 well branched plants, which have been grown for hedging
Viburnum	Viburnum farreri	80-100cm ht		17 well branched plants, which have been grown for hedging

## climbing shrubs

species	girth (cm) / height	spacing	number	notes: RB (rootballed), C (container grown)
pergola walkway area				
white-flowering	Clematis 'Marie Boisselet'	100-150cm ht	as shown	2 C, trained on a frame for trellis growing, min 4 branches
Climbing hydrangea	Hydrangea seemannii	150cm ht	as shown	1 C, trained on a frame for wall growing, min 4 branches
Honeysuckle	Lonicera japonica 'Halliana'	100-150cm ht	as shown	2 C, trained on a frame for trellis growing, min 4 branches
Rose	Rosa 'New Dawn'	100-150cm ht	as shown	1 C, trained on a frame for trellis growing, min 4 branches
Rose	Rosa 'Felicite Perpetue'	100-150cm ht	as shown	1 C, trained on a frame for trellis growing, min 4 branches
Rose	Rosa 'Gertrude Jekyll'	100-150cm ht	as shown	1 C, trained on a frame for trellis growing, min 4 branches
Rose	Rosa 'Dortmund'	100-150cm ht	as shown	1 C, trained on a frame for trellis growing, min 4 branches
Strawberry vine	Vitus fragola	100-150cm ht	as shown	1 C, trained on a frame for trellis growing, min 4 branches
shared garden along Woodchurch Road				
	Hydrangea anomala subsp. petiolaris	150cm ht	as shown	3 C, trained on a frame, min 4 branches

herbaceous, perennials & aromatic herbs

species girth(cm)/height/pot(L) spacing number notes: RB (rootballed), C (container grown)

	pergola walkway area				
Primrose	Primula vulgaris	1L		48	For underplanting beneath field maple and hawthorn trees
Rosemary	Rosmarinus officinalis 'Prostratus'	2L	as shown	2	C, bushy, well formed plants
Christmas box	Sarcococca hookeriana var humilis	2L	as shown	2	C, bushy, well formed plants
Purple sage	Salvia officinalis 'Purpurascens'	2L	as shown	4	C, bushy, well formed plants
	fruits & vegetable area				
Perennial Sweet Pea	Lathyrus latifolius	2L	as shown	6	Allow for planting in existing pots
Marjoram	Origanum laevigatum 'Herrenhausen'	2L	as shown	2	C, bushy, well formed plants
Purple sage	Salvia officinalis 'Purpurascens'	2L	as shown	2	C, bushy, well formed plants
Caraway thyme	Thymus herba-barona 'Lemon-scented'	2L	as shown	3	Allow for planting in existing pots
	flower garden area		codes are given next to each plant name and these correspond to the drawings		
	red / orange / gold ribbon				
Dyers' Chamomile	Anthemis tinctoria 'E C Buxton'	At ECB	2L	5/m2	7 C, bushy well formed plants
Masterwort	Astrantia major 'Roma'	Am R	2L	5/m2	9 C, bushy well formed plants
Golden sedge	Carex elata 'Aurea'	Ce A	2L	3/m2	6 C, bushy well formed plants
Autumn fern	Dryopteris erythrosora	De	2L	5/m2	16 C, bushy well formed plants
Echinacea	Echinacea purpurea 'Ruby Giant'	Ep RG	2L	4/m2	8 C, bushy well formed plants
Bishops' Hat	Epimedium x versicolor 'Sulphureum'	Exv S	2L	5/m2	17-13 C, bushy well formed plants
Day lily	Hermerocallis 'Nova'	H N	2L	5/m2	6 C, bushy well formed plants, evergreen variety
Heuchera	Heuchera sanguinea	Hs	2L	5/m2	9 C, bushy well formed plants
Deadnettle	Lamium purpureum	Lp	2L	6/m2	6 C, bushy well formed plants
Penstemon	Penstemon 'Garnet'	P G	2L	5/m2	9 C, bushy well formed plants
Coneflower	Rudbeckia fulgida var deamii	Rf vd	2L	4/m2	9 C, bushy well formed plants
Baby Sage	Salvia microphylla 'Pink Blush'	Sm PB	2L	5/m2	17 C, bushy well formed plants
Baby Sage	Salvia microphylla 'Kew Red'	Sm KR	2L	5/m2	7 C, bushy well formed plants
Cotton lavender	Santolina pinnata 'Sulphurea'	Sp S	2L	5/m2	19 C, bushy well formed plants
Iceplant	Sedum spectabile 'Brilliant'	Ss B	2L	5/m2	12 C, bushy well formed plants
Blue-eyed grass	Sisyrinchium striatum 'Aunt May'	Ss AM	2L	6/m2	14 C, bushy well formed plants
Betony	Stachys officinalis 'Hummelo'	So H	2L	5/m2	12 C, bushy well formed plants
Tellima	Tellima grandiflora Rubra	Tg R	2L	5/m2	8 C, bushy well formed plants
Mullein	Verbascum chaixii	Vc	2L	3/m2	6 C, bushy well formed plants
	blue / violet / silver ribbon				
Bellflower	Campanula latiloba 'Highcliffe Variety'	Cl HV	2L	5/m2	15 C, bushy well formed plants
Blueberry	Ceanothus thyrsiflorus 'Repens'	Ct R	2L	3/m2	11-10 C, bushy well formed plants
Thistle	Eryngium bourgatii 'Oxford Blue'	Eb OB	2L	4/m2	4 C, bushy well formed plants
Lavender	Lavandula angustifolia 'Loddon Blue'	La LB	2L	5/m2	15 C, bushy well formed plants
Catmint	Nepeta x faassenii 'Six Hills'	N SHG	2L	5/m2	17 C, bushy well formed plants
Russian sage	Perovskia atriplicifolia 'Blue Spire'	Pa BS	2L	3/m2	11 C, bushy well formed plants
Creeping rosemary	Rosmarinus officinalis 'Prostratus'	Ro P	2L	4/m2	4 C, bushy well formed plants
Woodland sage	Salvia nemorosa 'Ostfriesland'	Sn O	2L	5/m2	13 C, bushy well formed plants
Purple sage	Salvia officinalis 'Purpurascens'	So P	2L	4/m2	6 C, bushy well formed plants
Lambs Ears	Stachys byzantina 'Silver Carpet'	Sb SC	2L	6/m2	6 C, bushy well formed plants
Veronica speedwell	Veronica prostrata 'Spode Blue'	Vp SB	2L	6/m2	21 C, bushy well formed plants

species	girth(cm)/height/pot(L)	spacing	number	notes: RB (rootballed), C (container grown)
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species

girth(cm)/height/pot(L) spacing

spacing

number

notes: RB (rootballed), C (container grown)

flower garden area cont'd

herbaceous, perennials & aromatic herbs cont'd

species                      girth(cm)/height/pot(L)    spacing    number    notes: RB (rootballed), C (container grown)

	private gardens				
Bellflower	Campanula lactifolia 'Brantwood'	2L	5/m2	8	C, bushy well formed plants
Bishops hat	Epimedium x versicolor 'Sulphureum'	2L	5/m2	28	C, bushy well formed plants
Bishops hat	Epimedium x perralchicum	2L	5/m2	9	C, bushy well formed plants
Geranium	Geranium cinereum 'Ballerina'	2L	5/m2	73	C, bushy well formed plants, evergreen variety
Geranium	Geranium endressii	2L	5/m2	44	C, bushy well formed plants, evergreen variety
Geranium	Geranium x oxanianum 'AT Johnson'	2L	5/m2	37	C, bushy well formed plants, evergreen variety
Heuchera	Heuchera sanguinea 'Alba'	2L	5/m2	25	C, bushy well formed plants
Iris	Iris sibirica 'Cambridge'	2L	5/m2	12	C, bushy well formed plants
Lavander	Lavandula angustifolia 'Loddon Blue'	2L	5/m2	20	C, bushy well formed plants
Woodrush	Luzula nivea	2L	5/m2	4	C, bushy well formed plants
Nepeta	Nepeta x faassenii 'Six Hills'	2L	5/m2	12	C, bushy well formed plants
Shield fern	Polystichum setiferum 'Herrenhausen'	2L	5/m2	14	C, bushy well formed plants
Salvia	Salvia officinalis 'Purpurascens'	2L	5/m2	2	C, bushy well formed plants
Salvia	Salvia microphylla 'Pink Blush'	2L	5/m2	18	C, bushy well formed plants
Cotton lavender	Santolina pinnata 'Sulphurea'	2L	5/m2	10	C, bushy well formed plants
Tellima	Tellima grandiflora 'Rubra'	2L	5/m2	34	C, bushy well formed plants
Speedwell	Veronica prostrata 'Spode Blue'	2L	5/m2	14	C, bushy well formed plants

herbaceous, perennials & aromatic herbs cont'd

species girth(cm)/height/pot(L) spacing number notes: RB (rootballed), C (container grown)

	shared garden along Woodchurch Road				
	groundcover mix 1 [9/m2]		total area=	36.35m2	native provenance to be sourced through Really Wild Flowers
	Alchemilla mollis	1L	10%	33	C, bushy well formed plants
	Anemone sylvestris	1L	15%	45	C, bushy well formed plants
Harebell	Campanula rotundifolia	1L	5%	16	C, bushy well formed plants
Wild strawberry	Fragaria vesca	1L	20%	65	C, bushy well formed plants
	Lamium purpureum	1L	20%	65	C, bushy well formed plants
Sweet woodrush	Luzula sylvatica	1L	20%	65	C, bushy well formed plants
Primrose	Primula vulgaris	1L	10%	33	C, bushy well formed plants
	groundcover mix 2 [9/m2]		total area=	45.22m2	native provenance to be sourced through Really Wild Flowers
	Cyclamen hederifolium	1L	20%	80	C, bushy well formed plants
Wild strawberry	Fragaria vesca	1L	10%	40	C, bushy well formed plants
Geranium	Geranium phaeum 'Album'	1L	20%	80	C, bushy well formed plants
	Lamium maculatum 'White Nancy'	1L	10%	40	C, bushy well formed plants
Sweet woodrush	Luzula sylvatica	1L	10%	40	C, bushy well formed plants
Soft shield fern	Polystichum setiferum 'Herrenhausen'	1L	10%	40	C, bushy well formed plants
	Viola cornuta 'Purpurea group'	1L	20%	80	C, bushy well formed plants
	groundcover mix 3 [9/m2]		total area=	24.55m2	native provenance to be sourced through Really Wild Flowers
	Asplenium scolopendrium 'Undulatum'	1L	5%	12	C, bushy well formed plants
Hard fern	Blechnum spicant	1L	5%	12	C, bushy well formed plants
	Dryopteris affinis 'Cristata'	1L	10%	25	C, bushy well formed plants
Geranium	Geranium phaeum	1L	30%	60	C, bushy well formed plants
	Hebeborus foetidus	1L	10%	25	C, bushy well formed plants
	Galium odoratum	1L	10%	25	C, bushy well formed plants
Veronica speedwell	Veronica prostrata 'Spode Blue'	1L	30%	60	C, bushy well formed plants
	groundcover mix 4 [9/m2]		total area=	23.42m2	native provenance to be sourced through Really Wild Flowers
Wood anemone	Anemone sylvestris	1L	20%	44	C, bushy well formed plants
Columbine	Aquilegia vulgaris	1L	5%	10	C, bushy well formed plants
	Cyclamen hederifolium	1L	25%	50	C, bushy well formed plants
Sweet woodruff	Galium odoratum	1L	10%	21	C, bushy well formed plants
	Iris sibirica 'Shirley Pope'	1L	10%	21	C, bushy well formed plants
Forget-me-not	Mysotis sylvatica	1L	5%	10	C, bushy well formed plants
Dog violet	Viola cornuta 'Purpurea group'	1L	25%	55	C, bushy well formed plants
	Also broadcast seed mix across the area:		total area=	129m2	native provenance to be sourced through Really Wild Flowers
	Aquilegia vulgaris	seed 0.5g/m2	20%		
	Fragaria vesca	seed 0.5g/m2	20%		
	Galium odoratum	seed 0.5g/m2	20%		
	Mysotis sylvatica	seed 0.5g/m2	20%		
	Primula vulgaris	seed 0.5g/m2	20%		



## fruits & vegetables

	species	girth (cm) / height	spacing	number	notes: RB (rootballed), C (container grown)
	fruits & vegetable garden				
Strawberry	Fragola 'Honeoye'	2L		8	early variety
Strawberry	Fragola 'Cambridge Favourite'	2L		8	mid-season variety
Strawberry	Fragola 'Symphony'	2L		8	late season
Runnerbeans	Runner beans 'White Apollo'	1L		24	16 Allow for well formed plants, at 9 inch spacings
Redcurrant	Ribes 'Laxton's No. 1'	3L		2	Well formed plants
Redcurrant	Ribes 'Roxley'	3L		2	
Blackcurrant	Ribes 'Washington xxx'	3L		2	
Blackcurrant	Ribes 'Ben Connan'	3L		2	
Raspberry	Rubus 'Glen Ample'	3L		4	
	Rubus 'Tulameen'	3L		4	midseason
	private gardens along Woodchurch Road				
Strawberry	Fragola 'Cambridge Favourite'	2L		12	mid-season variety

## bulbs

	species	girth (cm) / height	spacing	number	notes: RB (rootballed), C (container grown)
	pergola walkway area				
Daffodil	Narcissus 'February Gold'			80	
	shared garden along Woodchurch Road				
Snowdrop	Galanthus nivalis			120	
Bluebell	Hyacinthoides non scripta			280	

## grass

	species	girth (cm) / height	spacing	number	notes: RB (rootballed), C (container grown)
	lawn area: courtyard				
grass	Fine grade amenity Turf to BS 3969		area	181m2	allow for preparation, turfing, establishment and maintenance in accordance with BS 3969
					allow for temporary protective fencing until establishment
					total final area = 181m2 [12m2 + 169m2] NB Some areas of existing turf to remain undisturbed and ground beneath existing trees to remain undisturbed: therefore total final area of new turf to be measured and agreed on site.
	lawn areas: private gardens, Priory Road				
grass	Fine grade amenity Turf to BS 3969		area	131m2	allow for preparation, turfing, establishment and maintenance in accordance with BS 3969
					allow for temporary protective fencing until establishment
					total final area = 181m2 [12m2 + 169m2] NB Some areas of existing turf to remain undisturbed and ground beneath existing trees to remain undisturbed: therefore total final area of new turf to be measured and agreed on site.