

The Walled Garden

TREE PLANTING

Code	Species	Form	Girth cm	Height cm	Plant condition	Quantity
ACE	Acer campestre 'Eclairj'	Select Standard	10-12	Min 250-300cm	RB	2
BP	Betula pendula	EHS	14-16	425-600cm	65/85 L	4
BLUD	Betula utilis Jacquemonti Doorenbos	Multistem ed.	-	425-600cm	100-125L	2
CP	Carpinus betulus (Pleached)	EHS, 1.5m clear stem, 4 tiers	14-16	300-350	45 L	6
CPFF	Carpinus betulus 'Franz Fontaine'	EHS	14-16	425-600cm	45 L	6
FS	Fagus sylvatica f. purpurea	EHS	14-16	425-600cm	65/85 L	3
LQS	Liquidambar styraciflua Lane Roberts	EHS	14-16	425-600cm	65/85 L	3
PRSH	Prunus 'Shirofugen'	Select Standard	10-12	Min 250cm	RB	2
SCE	Sorbus commixta 'Embley'	EHS	14-16	425-600cm	65/85 L	4
TXB	Taxus baccata 'Fastigiata'	EHS	14-16	425-600cm	65/85 L	1
TGT	Taxus baccata	EHS	14-16	425-600cm	65/85 L	2
TCG	Tilia cordata Greenspire	EHS	14-16	425-600	RB	4
QR	Quercus robur	Select Standard	10-12	Min 250cm	RB	5
QRU	Quercus rubra	Select Standard	10-12	Min 250cm	RB	1

NATIVE STRUCTURE PLANTING TREE/SHRUB MIX @ 2 metre centres

Code	Species	Plant Condition	Age + Transplant	Height cm	Quantity
AC	Acer campestre (15%)	Bagged	1+2	60-80	25
CA	Corylus avellana (15%)	Bagged	1+2	60-80	25
CM	Crataegus monogyna (30%)	Bagged	1+2	60-80	45
CS	Cornus sanguinea (10%)	Bagged	1+2	60-80	15
LV	Ligustrum vulgare (10%)	Bagged	1+2	60-80	15
PS	Prunus spinosa (5%)	Bagged	1+2	60-80	10
IA	Ilex aquifolium (5%)	SL	1+1	40-60	10
SC	Salix caprea (10%)	Bagged	1+2	60-80	15

BULB PLANTING

Code	Species	Size	No. / m2	Quantity
FG	Narcissus 'February Gold'	14/16*+topsize	20	150
MH	Narcissus 'Mount Hood'	14/16*+topsize	20	150
PLO	Pseudonarcissus lobularis	14/16*+topsize	20	80

GRASS AND WILDFLOWER MIXES

Proposed Meadow / Grass Mixes	Description	Composition	Sowing Rate
AZ	Front gardens - Quality lawn	100% grasses	50g/m2

ORNAMENTAL SHRUBS & HERBACEOUS PLANTING

Hedge species such as *Carpinus betulus* and *Taxus baccata* must be planted in a double staggered row, 30cm apart.
Low ornamental hedge planting such as *Lavandula* and *Rosmarinus* should also be planted in a double staggered row, 20cm apart.
Unless otherwise indicated, all shrubs where possible to be planted in groups of 5 or more, except: *Persicaria* to be planted in groups of 15-25

Code	Species	Height/ spread cm	Plant size (litres)	No. / m2	Quantity
ACM	Acanthus mollis	Grade A	SL	4	15
ANH	Anemone x hybrida 'Honoree Jobert'	Grade A	SL	5	35
ABG	Abelia x grandiflora	40-60	3L	3	15
AFM	Aster x filiflorus 'Monch'	20-30	2L	4	27
BA	Berberis Amstelveden	30-40	3L	5	15
BUX	Buxus sempervirens 'Suffruticosa'	20-30	2L	5 LM	345
COE	Carex oshimensis 'Evergold'	30-40	3L	9	20
CPB	Carpinus betulus (hedge)	60-80	5L	3 LM	450
CAP	Choisya x dewitteana 'Aztec Pearl'	40-60	10L	3	15
CTR	Ceanothus thyrsiflorus var. 'Repens'	60-80	10L	4	6
CRZ	Crocosmia 'Zambesi'	60-80	10L	3	41
DCG	Deschampsia cespitosa 'Goldtau'	Grade A	10L	6	15
DEC	Delphinium elatum 'Cinderella'	Grade A	10L	6	10
DFX	Dryopteris filix-mas	30-40	10L	6	10
EAB	Escallonia 'Apple Blossom'	60-80	10L	3	10
EE	Elaeagnus x ebbingei	60-80	3L	2	8
EAG	Euonymus Emerald 'n' Gold	30-40	3L	4 LM	60
EPF	Echinacea purpurea 'Magnus'	Grade A	5L	8	20
GJB	Geranium 'Johnsons Blue'	Grade A	3L	6	50
GL	Grosselia littoralis	60-80	10L	3	10
HIR	Hebe rakaiensis	20-30	3L	6	25
HSA	Hebe 'Sapphire'	40-60	3L	3	13
HYP	Hypericum x messerianum	30-40	3L	4	50
LAV	Lavandula 'Hidcote'	20-30	3L	5 LM	395
OH	Oleandra haastii	40-60	10L	3 LM	70
OB	Oxanthis burkeoides	40-60	10L	2	7
PAS	Persicaria amplexicaulis 'Fritael'	Grade A	2L	6	80
PHV	Phladelphus 'Viminal'	60-80	10L	3	10
PHF	Phlox frutescens	40-60	10L	4	45
PJV	Potentilla fruticosa 'Jackman's Variety'	40-60	10L	3 LM	25
RK	Rosa 'Kent'	30-40	3L	5	10
RH	Rosa 'Herfordshire'	30-40	3L	5	10
RO	Rosmarinus officinalis 'Miss Jessopp's Upright'	40-60	3L	3 LM	25
RUD	Rudbeckia fulgida var. 'deamii'	Grade A	5L	7	10
SLW	Salvia 'Love and Wishes'	30-40	10L	3	35
SNG	Salvia nemerosa 'Caradonna'	30-40	12L	5	25
SS	Senecio Sunshine	40-60	10L	3	10
SG	Spiraea Goldflame	30-40	10L	3	25
SKW	Skimmia 'Kew Green'	40-60	12L	3	15
SBZ	Stachys byzantina	30-40	3L	5	15
STG	Stipa gigantea	30-40	3L	3	12
TB	Taxus baccata (hedge)	40-60	10L	3 LM	67
VD	Viburnum davidii	40-60	10L	3	12
VTEP	Viburnum tinus 'Eve Price'	40-60	10L	3	10
WBR	Weigela 'Bristol Ruby'	40-60	10L	3	10

SHRUB MIXES

PAS/GJB/CM/WTR all to be planted at front of planting area
ACM to be planted at the back of the planting area
All plants to be planted in groups of 5-9, except ACM, KRS and EIC which are planted individually.

Code	Species	Height spread cm	Plant size (litres)	No. / m2	Quantity
COE (15%)	Carex oshimensis 'Evergold'	30-40	3L	9	30
EPWS (5%)	Echinacea purpurea 'White Swan'	Grade A	5L	8	15
EPWS (5%)	Echinacea purpurea 'Magnus'	Grade A	5L	8	15
GJB (15%)	Geranium 'Johnsons Blue'	Grade A	3L	6	25
KRS (10%)	Kniphofia 'Royal Standard'	Grade A	3L	7	20
SCV (20%)	Salvia chamaecypariss	20-30	3L	8	45
SNG (20%)	Salvia nemerosa 'Caradonna'	30-40	3L	5	30
PAS (10%)	Persicaria affinis 'Superta'	Grade A	2L	6	25

Code	Species	Height spread cm	Plant size (litres)	No. / m2	Quantity
ANH (15%)	Anemone x hybrida 'Honoree Jobert'	Grade A	5L	8	25
CRZ (5%)	Crocosmia 'Zambesi'	60-80	10L	3	5
DCG (10%)	Deschampsia cespitosa 'Goldtau'	Grade A	10L	6	20
DEC (10%)	Delphinium elatum 'Cinderella'	Grade A	10L	6	20
DMS (10%)	Delphinium 'Morning Sunrise'	Grade A	10L	6	20
EBV (5%)	Erythronium 'Bowen Mauve'	30-40	3L	7	10
PHF (5%)	Phlox frutescens	40-60	10L	4	6
SG (20%)	Spiraea Goldflame	30-40	10L	3	20
STG (10%)	Stipa gigantea	30-40	3L	3	10

Code	Species	Height spread cm	Plant size (litres)	No. / m2	Quantity
ACM (15%)	Acanthus mollis	Grade A	SL	4	20
CAP (25%)	Choisya x dewitteana 'Aztec Pearl'	40-60	10L	3	40
RO (20%)	Rosmarinus officinalis 'Miss Jessopp's Upright'	40-60	3L	3	30
SKW (20%)	Skimmia 'Kew Green'	40-60	10L	3	30
SS (25%)	Senecio Sunshine	40-60	10L	3	40

Code	Species	Height spread cm	Plant size (litres)	No. / m2	Quantity
COE (15%)	Carex oshimensis 'Evergold'	30-40	3L	9	30
EPWS (5%)	Echinacea purpurea 'Magnus'	Grade A	5L	8	10
GMW (15%)	Geranium macrorrhizum 'White Ness'	Grade A	3L	7	15
KRS (10%)	Kniphofia 'Royal Standard'	Grade A	3L	7	25
HEL (20%)	Heliborus x hybridus	Grade A	3L	7	25
SLW (20%)	Salvia 'Love and Wishes'	30-40	3L	5	20
PAS (10%)	Persicaria affinis 'Superta'	Grade A	2L	6	20
RUD (5%)	Rudbeckia fulgida var. 'deamii'	Grade A	5L	7	10

GROUNDCOVER CLIMBERS AND WALL PLANTS

Code	Species	Height/ spread cm	Plant size (litres)	No. / m2	Quantity
CLA	Cornelia alpina	40-60	SPOT	2	2
FCG	Fremontodendron 'California Glory'	40-60	5L	SPOT	7
HGR	Hedera 'Green Ripple'	30-40	3L	3 LM	210
HMM	Hydrangea macrophylla 'Mariesii Perfecta'	100-120	20-30L	SPOT	2
HYP	Hydrangea anomala subsp. 'petalis'	100-120	20-30L	SPOT	6
PFY	Pyracantha rogersiana 'flava'	40-60	5L	SPOT	8
PTV	Parthenocissus tricuspidata 'Veitchii'	40-60	5L	SPOT	17
RAS	Rosa 'A Shropshire Lad'	40-60	5L	SPOT	8
RWS	Rosa 'Westerland'	40-60	5L	SPOT	8
WFM	Wisteria floribunda 'Multijuga'	40-60	5L	SPOT	8

FEATURE SHRUBS

Code	Species	Form	Girth cm	Height cm	Plant condition	Quantity
ABL	Amelanchier 'Balerina'	Half standard	6-8cm	200	15L	1
BUX	Buxus sempervirens	Bushy	-	> 60cm	15L	12
CAB	Ceanothus 'Concha'	Bushy	-	100-120	15L	2
CKS	Cornus kousa 'Steeple'	Half standard	6-8cm	200	15L	1
MC	Mahonia x Media 'Green'	-	-	100-120	20-30L	2
MSC	Mahonia 'Soft Caress'	Bushy	-	60-80	20L	2
PCA	Philadelphus coronarius 'Aureus'	Half standard	-	100-120	20-30L	3
PHM	Philadelphus 'Manteau de Herminie'	Bushy	-	60-80	10L	2
PRR	Photinia x fraseri 'Red Robin'	-	-	100-120	20-30L	2
SVS	Spring vulgaris 'Sensation'	-	-	100-120	20-30L	2
VPM	Viburnum plicatum 'Marquet'	Bushy	-	100-120	20-30L	1

NOTE: These implementation and maintenance guidelines are for planning purposes only to indicate the level of workmanship to be specified and do not constitute a detailed specification.

- GENERAL**
 - All trees up to and including selected standards are to be supported with single 75mm diameter stakes.
 - Extra heavy standard trees will be either double-staked, with multi stem and semi mature trees being underground guyed.
 - Composted bark mulch will be spread to a depth of 75mm across in a 1.0m diameter circle around all individual trees, ensuring that desirable groundcover plants (where present) are not buried.
 - All trees and shrubs shall be watered in at the end of each day of planting.
- NATIVE HEDGEROW PLANTING AND NATIVE STRUCTURE PLANTING**
 - Ground Preparation**
 - Where necessary existing weeds will be treated with a glyphosate-based herbicide and a suitable period allowed to elapse, as recommended by the manufacturer, for the herbicide to take effect.
 - All extraneous matter such as plastic, wood, metal and stones greater than 50mm diameter will be removed from site to a registered waste disposal facility.
 - Planting**
 - The planting pattern shall be as set out in the plant schedule on the relevant planting plan.
 - Bare-root plants shall be notch planted at 1m centres (using L-, T-, H-shaped or straight notches) using spades of a design suitable for this purpose. The notches must be vertical and deep enough for the roots to hang freely, with the transplant being planted so that the root collar is exactly level with the ground surface. The notch must then be closed and the soil will be well firmed round the roots in line with the guidelines as set out in BS 4428 (1989).
 - All bare-root planting stock will be protected from rabbit damage using approved proprietary 0.6m (for shrub species) or 1.2m (for tree species) plastic shrub/tree guards, supported with 0.9m (or 1.35m for trees) x 32mm x 32mm softwood stakes as advised by the manufacturer.
 - Maintenance during first growing season**
 - All dead, dying or diseased plants will be replaced with trees of similar size and species. If the failure of the plant is due to disease and the disease is considered likely to re-occur then an alternative species may be used as replacement if agreed with the LPA.
 - The site is to be visited as required throughout the year to undertake the following operations:
 - Weed clearance:** All planting areas will be kept weed free by hand weeding or herbicide treatment.
 - Checking trees:** All tree ties and stakes will be checked and adjusted if too loose, too tight or if chafing is occurring. Any broken stakes will be replaced.
 - Formative pruning:** Any damaged shoots/branches will be pruned back to healthy wood. Plants will be pruned in accordance with good horticultural practice to maintain healthy well-shaped specimens.
 - GRASS**
 - The area to be turfed or seeded will be sprayed out with a glyphosate herbicide and cultivated to a depth of 100mm removing all weeds, debris and stones over 50mm diameter. The surface will be raked to smooth flowing contours with a fine tith, incorporating pre-seeding fertiliser at 70 g/m2.
 - Delivery and Storage**
 - Turf will be supplied in accordance with BS: 3936. Turf will be Medallion as supplied by Rowland. It will be close textured and green in colour and be sufficiently fibrous to withstand handling. Turves will be regular in shape, 300mm wide and of uniform thickness (minimum 25mm). The grass will be closely mown and will not exceed 25mm in height. Turf will be stacked in piles of up to 1 metre. It will not be laid in frosty or waterlogged conditions and will not be stacked in rolls for more than three days.
 - Turf**
 - Turfing operations will be in accordance with BS:4428:1989. Whole turves will be laid around the perimeter of the area to be turfed. The central area will be laid in rows with staggered joints, well buttetted, working from planks positioned on turves already laid. The turf will be watered on completion. Any unevenness will be made good by lifting the turf and adjusting the levels. Should shrinkage occur, fine topsoil will be brushed into the joints.
 - Seeding**
 - Grass seed will be sown in accordance with BS 4428 (1989), and will be sown from April to May or from September to October, during calm weather and not when the ground is frost bound or waterlogged. Seed will be sown in two equal sowings in transverse directions at 50g/m2 for amenity grass. After sowing the seed will be lightly raked to create intimate contact with the soil.
 - Amenity Grass**
 - When newly seeded and turfed areas reach 40mm they will be lightly rolled and cut to a height of 30mm. All arisings will be removed. Any bare patches will be made good at this time. Seeded areas shall be cut for a second time when the sward reaches 50mm high.



LEGEND

- Existing Trees Retained
- Proposed Tree Planting
- Proposed Ornamental Shrub Planting
- Proposed Pleached Tree Screen
- Proposed Specimen Shrubs
- Proposed Vegetable Patch
- Proposed Low Ornamental Hedging
- Proposed hornbeam Hedge
- Proposed Clipped Native Hedging
- Proposed Topiary Spheres
- Proposed bulbs
- Proposed Amenity Grass

