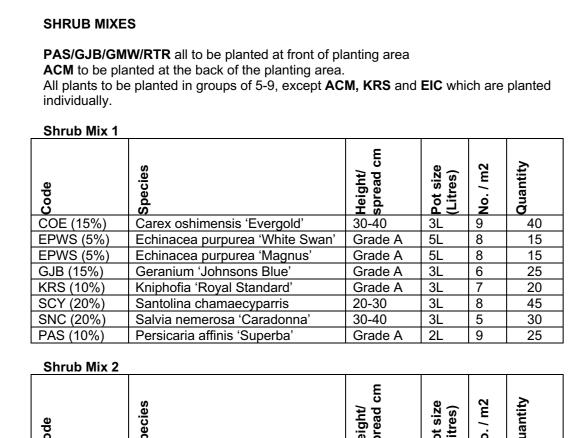
The Walled Garden

PCF/1



SCE	'Embley'	EHS	6000		4	36	Spe	Heig	Pot (Liti	Š.	Que
TXB	Taxus baccata 'Fastigiata'	EHS	14-16 425- 600d		1	ANH (15%)	Anemone x hybrida 'Honorine Jobert'	Grade A	5L	5	25
TXT	Taxus baccata	EHS	14-16 425-	65/85 L	2	CRZ (5%)	Crocosmia 'Zambesi'	60-80	10L	3	5
			6000	cm		DCG (10%)	Deschampsia cespitosa 'Goldtau'	Grade A	10L	6	20
TCG	Tilia cordata	EHS	14-16 425-	600 RB	4	DEC (10%)	Delphinium elatum 'Cinderella'	Grade A	10L	6	20
	Greenspire					DMS (10%)	Delphimium 'Morning Sunrise'	Grade A	10L	6	20
QR	Quercus robur	Select	10-12 Min	RB	5	EBV (5%)	Erysimum 'Bowles Mauve'	30-40	3L	7	10
		Standard	2500	cm		PHF (5%)	Phlomis fruticosa	40-60	10L	4	6
QRU	Quercus rubra	Select	10-12 Min	RB	1	SG (20%)	Spiraea Goldflame	30-40	10L	3	20
		Standard	2500	cm		STG (10%)	Stipa gigantea	30-40	3L	3	10
NATIV	E STRUCTURE PLANTING	TREE/SHRUB	MIX @ 2 metre	centres		Shrub Mix 3		E			Τ
Code	Species	Root	Age + Times Transpl	Height cm	Quantity	Code	Species	Height/ spread cr	Pot size (Litres)	No. / m2	Quantity
						ACM (10%)	Acanthus mollis	Grade A	3L	4	20
AC	Acer campestre (15%)	Bagged	1+2	60-80	25	CAP (25%)	Choisya x dewitteana 'Aztec	40-60	10L	3	40

Code	Species	Height/ spread	Pot size (Litres)	No./m2	Quantit
ACM (10%)	Acanthus mollis	Grade A	3L	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	Pot size (Litres)	No. / m2	Quantity
	 	Grade A	3F 로 드	ž	ਰ 20
ACM (15%) AFCG (25%)	Melianthus major Achillea filipendulina 'Cloth of Gold'	Grade A	3L	4	30
CAP (10%)	Choisya x dewitteana 'Aztec Pearl'	40-60	10L	3	10
EE (10%)	Elaeagnus x ebbingei	60-80	3L	2	7
EPC (20%)	Eupatorium cannabinum	60-80	3L	4	25
EAB (10%)	Escallonia 'Aplle Blossom'	60-80	10L	3	10
WBR (10%)	Weigela 'Bristol Ruby'	40-60	10L	3	10
WBR (10%) Shrub Mix 5	Weigela 'Bristol Ruby'	40-60 E	10L	3	

Shrub Mix 5	1	1	1	1	Т
Code	Species	Height/ spread cm	Pot size (Litres)	No. / m2	Quantity
COE (15%)	Carex oshimensis 'Evergold'	30-40	3L	9	3
EPWS (5%)	Echinacea purpurea 'Magnus'	Grade A	5L	8	,
GMW (15%)	Geranium macrorrhizum 'White Ness'	Grade A	5L	6	2
KRS (10%)	Kniphofia 'Royal Standard'	Grade A	3L	7	
HEL(20%)	Helleborus x hybridus	Grade A	3L	7	2
SLW (20%)	Salvia 'Love and Wishes'	30-40	3L	5	2
PAS (10%)	Persicaria affinis 'Superba'	Grade A	2L	9	2
RUD (5%)	Rudbeckia fulgida var. deamii	Grade A	5L	7	•

	IVIIA						
Hedge stagge Low or double Unless	MENTAL SHRUBS & HERBACEOU species such as Carpinus betulus red row, 30cm apart. namental hedge planting such as staggered row, 20cm apart. otherwise indicated, all shrubs w aria to be planted in groups of 15-	and Taxus bata Lavandula an here possible	d Rosm	narinus	should a	lso be planted in a	t:
		_					

Front gardens - Quality lawn 100% grasses

14/16/+topsize

14/16/+topsize

Composition

Sowing Rate

TREE PLANTING

'Elsrijk'

Betula pendula

Betula utilis Jaquemontii

'Doorenbos'

Carpinus betulus

Carpinus betulus

'Franz Fontaine'

Fagus sylvatica f

Sorbus commixta

Cornus sanguinea (Ligustrum vulgare (

Narcissus 'Mount Hood'

Pseudonarcissus lobularis

Description

GRASS and WILDFLOWER MIXES

BULB PLANTING

Meadow / Grass

purpurea Liquidamber styraciflua 'Lane

Code	Species	Height/ spread cm	Pot size (Litres)	No. / m2	Quantity
ACM	Acanthus mollis	Grade A	5L	4	15
ANH	Anemone x hybrida 'Honorine Jobert'	Grade A	5L	5	35
ABG	Abelia x grandiflora	40-60	3L	3	15
AFM	Aster x frikartii 'Monch'	20-30	2L	4	37
BA	Berberis Amstelveen	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	Ceonothus thrysiflorus 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	20
DFX	Dryopteris filix-mas	30-40	10L	6	10
EAB	Escallonia 'Aplle 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
EPM	Echinacea purpurea 'Magnus'	Grade A	5L	8	20
GJB	Geranium 'Johnsons Blue'	Grade A	3L	6	50
GL	Griselinia littoralis	60-80	10L	3	10
HR	Hebe rakiensis	20-30	3L	8	25
HSA	Hebe 'Sapphire'	40-60	3L	3	13
HYP	Hypericum x moserianum	30-40	3L	4	50
LAV	Lavandula Hidcote	20-30	3L	5 LM	395
ОН	Olearia haastii	40-60	10L	3 LM 3 m ²	70
ОВ	Osmanthus burkwoodii	40-60	10L	2	7
PAS	Persicaria amplexicaulis 'Firetail'	Grade A	2L	8	80
PHV	Philadelphus 'Virginal'	60-80	10L	3	10
PHF	Phlomis fruticosa	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 'Hertfordshire'	30-40	3L	5	10
RO	Rosmarinus officinalis 'Miss Jessopp's Upright'	40-60	3L	3 LM 3 m ²	25
RUD	Rudbeckia fulgida var. deamii	Grade A	5L	7	10
SLW	Salvia 'Love and Wishes'	30-40	3L	5	35
SNC	Salvia nemerosa 'Caradonna'	30-40	3L	5	25
SS	Senecio Sunshine	40-60	10L	3	10
SG	Spiraea Goldflame	30-40	10L	3	25
SKW	Skimmia 'Kew Green'	40-60	10L	3	15
SBZ	Stachys byzantina	30-40	3L	5	15
STG	Stipa gigantea	30-40	3L	3	12
TB	Taxus baccata (hedging)	40-60	10L	3 LM	67
VD	Viburnum davidii	40-60	10L	3	12
VTEP	Viburnum tinus 'Eve Price'	40-60	10L	3	10

Code	Species	Height/ spread cm	Pot size (Litres)	No. / m2	Quantity
CAP (5%)	Choisya x dewitteana 'Aztec Pearl'	40-60	10L	3	5
DCG (10%)	Deschampsia cespitosa 'Goldtau'	Grade A	10L	6	15
GMW (15%)	Geranium macrorrhizum 'White Ness'	Grade A	5L	6	20
KRS (10%)	Kniphofia 'Royal Standard'	Grade A	3L	7	16
HAS (20%)	Hebe 'Sapphire'	40-60	3L	3	15
PHF (5%)	Phlomis fruticosa	40-60	10L	4	5
SG (20%)	Spiraea Goldflame	30-40	10L	3	15
SS (5%)	Senecio Sunshine	40-60	10L	3	5
STG (10%)	Stipa gigantea	30-40	3L	3	7

GROUNDCOVER/ CLIMBERS AND WALL PLANTS

Code	Species	Height/ spread cm	Pot size (Litres)	No. / m2 /LM	Quantity
CLA	Clematis alpina	40-60	5L	SPOT	2
FCG	Fremontedendron '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
HYAP	Hydrangea anomala subsp. petiolaris	100-120	20- 30L	SPOT	6
PYF	Pyracantha rogersiana 'flava'	40-60	5L	SPOT	8
PTV	Parthenocissus tricuspidate 'Veitchii'	40-60	5L	SPOT	17
RAS	Rosa 'A Shropshire Lad'	40-60	5L	SPOT	8
RWE	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	Root	Quantity
ABL	Amelanchier 'Balerina'	Half standard	6-8cm	200	15L	1
BUX (balls)	Buxus sempervirens	Bushy	-	> 60cm rad.	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 'Charity'	-	-	100-120	20-30L	2
MSC	Mahonia 'Soft Caress'	Bushy	-	60-80	20L	2
PCA	Philadelphus coronarius 'Aureus'	Bushy		100-120	20-30L	3
PHM	Philadelphus 'Manteau de Hermine'	Bushy	-	60-80	10L	2
PRR	Photinia x fraseri 'Red Robin'	-	-	100-120	20-30L	2
SVS	Syringa vulgaris 'Sensation'	-	-	100-120	20-30L	2
VPM	Viburnum plicatum 'Mariesii'	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.

1. GENERAL

- 1.1 All plants will conform to BS 3936-1 (1992): and be in accordance with the National Plant Specification. Supplying nurseries will be registered under the HTA Nursery Certification Scheme. All trees are to be grown, maintained and planted in accordance with BS:8545:2014. All plants will be packed and transported in accordance with the Code of Practice for Plant Handling as produced by CPSE.
- 1.2 Planting will not be carried out when the ground is waterlogged, frost bound or during periods of cold drying winds.
- 1.3 All bare-root planting stock will be kept covered until actually planted in order to minimise water-loss and prevent the roots from drying out.
- 1.4 All bare-root planting stock will be root dipped in an approved water-retaining
- 1.5 If the formation level is compacted it should be ripped through before topsoiling. Recommended topsoil depths are 450mm for shrubs and 150mm for grass. 2. TREE PLANTING

Ground Preparation and Tree Pit Excavation

- 2.1 If the formation level is compacted it will be ripped through before topsoiling.
- 2.2 Where necessary existing weeds will be treated with a suitable glyphosate-based herbicide and a suitable period allowed to elapse, as recommended by the manufacturer, for the herbicide to take effect.
- 2.3 Tree pits will be excavated to a width approximately 75mm greater than the diameter of the root spread and to be planted in accordance with BS 4428 (1989). The bottom and sides shall be forked to break up the subsoil. All extraneous matter such as plastic, wood, metal and stones greater than 50mm diameter in any dimension will be removed from site.

Planting

- 2.4 Trees are to be placed into the pits and backfilled with local topsoil previously stripped from the site. A general-purpose slow release fertiliser (at the rate of 75gm/m2) and Tree Planting and Mulching Compost (at the rate of 20litre are to be incorporated into the top 150mm of topsoil during backfilling. \ tree pits are more than 300mm deep, backfilled material shall consolidated/firmed in 150mm layers.
- 2.5 Trees shall be planted as per the planting pattern set out in the plant schedu the relevant drawing.
- 2.6 Trees shall be well firmed-in and secured with stakes, proprietary rubber tre and spacers as below.
- 2.7 All newly planted trees over 1.5m high will be held so that movement at the collar is minimised until new roots have developed to anchor the tree. The low staking (75mm dia x 1.5m length) will be used and attached to the ti approximately 600mm above ground level. Stakes will be driven 300mm undisturbed ground before planting the tree, taking care to avoid underg services and cables. The trees will be staked using proprietary rubber tie must be firmly fixed with a spacing device used to prevent chafing again:

2.8 All trees up to and including selected standards are to be supported with single 75mm diameter stakes.

Native Structure Planting

- 2.9 Extra heavy standard trees will be either double-staked, with multi stem and semi mature trees being underground guyed.
- 2.10 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.
- 2.11 All trees and shrubs shall be watered in at the end of each day of planting.

Shrub planting

- 2.12 Shrubs are to be set out as shown on the drawing and pit planted into the prepared soil at the specified centres with minimal disturbance to the rootball and well firmed in.
- 2.13 Recommended rooting depths are 600mm for shrubs/herbaceous plants. Multipurpose topsoil depths shall be 300mm for shrubs/herbaceous, ensuring that a suitable subsoil shall provide the remainder of the minimum rooting depth. Before receiving topsoil, subsoils should be loosened using ripping equipment, this shall be done when the subsoil is dry to encourage soil shattering. All stones and other objects larger than 50 mm shall be removed from the prepared surface
- 2.14 Within the day of planting shrub/herbaceous plants should be saturated to field capacity, this shall be done before applying the below bark mulch.
- 2.15 Spread ornamental pine bark mulch to a depth of 75mm across all new planting areas, ensuring groundcover plants are not buried.

Maintenance during first growing season

- 2.16 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.
- 2.17 The site is to be visited as required throughout the year to undertake the following operations:
- 2.18 Weed clearance: All planting areas will be kept weed free by hand weeding or herbicide treatment.
- 2.19 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.
- 2.20 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.

Watering during first growing season

2.21 The requirement for watering of newly planted trees will generally be dependent on weather conditions during the first growing season following planting. In a dry season watering may be required on a fortnightly basis from immediately after planting until the end of the growing season, but in a wet season watering may not be required at all. Therefore trees shall be monitored regularly by test digging down to root level to assess the water content of the soil, with watering undertaken as required to ensure that the soil is at field capacity 2-3 days after

NATIVE HEDGEROW PLANTING AND NATIVE STRUCTURE PLANTING

Shrub Mix 6 (23m²) —

- 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.
- 3.2 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.

Ground Preparation

Bulbs

Bulbs FG/30, MH/30, PLO/40

FG/100, MH/50,

PLO/200, NSW/50

- 3.3 The planting pattern shall be as set out in the plant schedule on the relevant
- 3.4 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).
- 3.5 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

- 3.6 All dead, dying or diseased plants will be replaced with plants 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.
- 3.7 Any broken stakes on shelters will be replaced and all tree and shrub guards adjusted as required to ensure continued protection from browsing damage.
- 3.8 The planting area will be kept weed free throughout the maintenance period using approved herbicides in April, June and August.

4. GRASS

Preparation

VTEP/10

GJB/10

4.1 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

OB/60

FSZ/2

tilth, incorporating pre-seeding fertiliser at 70 g/m2. **Delivery and Storage**

4.2 Turf will be supplied in accordance with BS: 3936. Turf will be Medallion as supplied by Rowlawn. 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.

SH/10

CAP/10

HYP/20-

4.3 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 butted together, 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

4.4 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

4.5 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.

Soft Landscape

LEGEND

Bulbs_

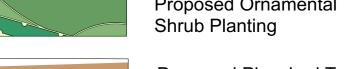
TB/60

FG/100, MI

PLO/150, N



Proposed Tree Planting Proposed Ornamental



Proposed Pleached Tree

Ornamental Hedging Proposed hornbeam

Proposed Low

Proposed Clipped Native

Spheres

Proposed Amenity Grass

Note: The original of this drawing was produced in colour - a monochrome copy should not be relied upon.

Revision Description Date First issue 26/11/18



W: www.hcukgroup.co.uk

Client: LW Developments Limited Northaw House

Walled Garden Planting Plan For Planning

Drawing Number: Revision: HC/02618



Description: