

Planting Schedule

Trees					
Number	Abbreviation	Species	Specification	Girth	Height
1 No.	BETPOB	Betula pendula 'Obelisk'	Advanced Nursery Stock :Clear Stem min. 200 :RB	16-18cm	4.0-4.5m
21 No.	CARBET	Carpinus betulus	Advanced Nursery Stock: Column Cuboid shaped clipped :RB		350-400cm
3 No.	PcC	Pyrus calleryana 'Chanticleer'	Advanced Nursery Stock :Clear Stem min. 200 :RB	16-18cm	4.0-4.5m
1 No.	PRUSERA	Prunus serrula tibetica	Extra Heavy Standard :Clear Stem min. 200 :RB	14-16cm	350-400cm
10 No.	Qrf	Quercus robur fastigiata	Advanced Nursery Stock :Clear Stem min. 200 :RB	16-18cm	4.0-4.5m

Euonymus Hedge

Number	Abbreviation	Species	Specification	Height	Pot Size	Density
141 No.	EUOJAMI	Euonymus japonicus 'Microphyllus'	Bushy :3/4 brks	30-40cm	5L	5/m
Total :141 No.						

Prunus Otto Luyken

Number	Abbreviation	Species	Specification	Height	Pot Size	Density
462 No.	PIOL	Prunus laurocerasus 'Otto Luyken'	Bushy :3/5 brks :C	30-40cm	5L	4/m
Total :462 No.						

Box hedge					
Number	Abbreviation	Species	Height	Pot Size	Density
253 No.	Bse	Buxus sempervirens	30-40cm	3L	6/m
Total :253 No.					

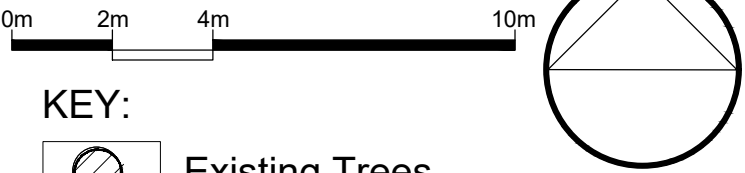
Amenity Grass Mix

Emorsgate EL1 Flowering Lawn Mixture. Sown at 40kg/ha

Shrubs						
Number	Abbreviation	Species	Specification	Height	Pot Size	Density
2 No.	AMELAM	Amelanchier lamarckii	Branched :4/6 brks :C	175-200cm	15-20L	Counted
2 No.	BUXSER	Buxus sempervirens 'Rotundifolia'	Bushy: Clipped box cone :3/6 brks	100-125cm	15-20L	Counted
2 No.	CoRP	Cotinus coggygia 'Royal Purple'	Branched :4/6 brks :C	60-80cm	10L	Counted
125 No.	CEAREPA	Ceanothus thyrsiflorus repens	Bushy :3/4 brks	30-40cm	5L	4/m ²
29 No.	CHOGf	Choisya 'Goldfingers'	Bushy :3/4 brks	30-40cm	5L	3/m ²
16 No.	CHOSUNA	Choisya ternata 'Sundance'	Bushy :3/4 brks	40-60cm	5L	3/m ²
25 No.	CORSAMF	Cornus sanguinea 'Midwinter Fire'	Bushy :3/6 brks :C	40-60cm	5-7.5L	4/m ²
4 No.	CORSAMF	Cornus sanguinea 'Midwinter Fire'	Branched :3/5 brks	40-60cm	5L	3/m ²
24 No.	CORSTKEG	Cornus stolonifera 'Kelsey Gold'	Bushy :3/6 brks :C	40-60cm	5-7.5L	4/m ²
97 No.	EfEnG	Euonymus fortunei 'Emerald 'n' Gold'	Bushy :3/4 brks	30-40cm	5L	5/m ²
169 No.	EfSQ	Euonymus fortunei 'Silver Queen'	Bushy :3/4 brks	30-40cm	5L	5/m ²
14 No.	EUOFOHA	Euonymus fortunei 'Harlequin'	Bushy :3/4 brks	30-40cm	5L	5/m ²
24 No.	HEBALRE	Hebe albicans 'Red Edge'	Bushy :2/3 brks	20-30cm	3L	6/m ²
79 No.	HEBGG	Hebe 'Green Globe'	Bushy :4/6 brks :C	20-30cm	3L	6/m ²
86 No.	HEBGG	Hebe 'Green Globe'	Bushy :3/4 brks	20-30cm	5L	6/m ²
25 No.	HEBPAGA	Hebe pinguiifolia 'Pagei'	Bushy :3/4 brks	10-20cm	3L	6/m ²
128 No.	HEBRA	Hebe rakaiensis	Bushy :3/4 brks	30-40cm	5L	4/m ²
32 No.	LAVANDB	Lavandula angustifolia 'Dwarf Blue'	Bushy :3/4 brks	20-30cm	3L	6/m ²
105 No.	LAVANVE	Lavandula angustifolia 'Vera'	Bushy :3/4 brks	20-30cm	3L	6/m ²
21 No.	LONNIMG	Lonicera nitida 'May Green'	Bushy :3/4 brks	30-40cm	5L	5/m ²
4 No.	PHOPURA	Phormium tenax 'Purpureum'	15 leaves :C	100-125cm	15-20L	Counted
2 No.	PHOPURA	Phormium tenax 'Purpureum'				Counted
4 No.	PHORS	Phormium tenax 'Rainbow Sunrise'	15 leaves :C	100-125cm	15-20L	Counted
2 No.	PHOTEV	Phormium tenax 'Variegatum'				Counted
145 No.	ROSREBL	Rosa Red Blanket	Bushy :4/6 brks :C	20-30cm	5-7.5L	5/m ²
43 No.	SPIJAF	Spiraea japonica 'Fire Light'	Bushy :4/6 brks :C	30-40cm	5L	5/m ²
89 No.	SPIJAF	Spiraea japonica 'Fire Light'	Bushy :3/4 brks	30-40cm	5L	4/m ²
57 No.	SPIJAMAC	Spiraea japonica 'Magic Carpet'	Bushy :4/6 brks :C	30-40cm	5L	5/m ²
5 No.	VIBPRIA	Viburnum tinus 'Eve Price'	Bushy :3/4 brks	30-40cm	5L	4/m ²
555 No.	VINMIAT	Vinca minor 'Atropurpurea'	Bushy :3/4 brks :C	20-30cm	3L	6/m ²
9 No.	WBR	Weigela 'Bristol Ruby'	Bushy :3/4 brks	40-60cm	5L	3/m ²
61 No.	WEIMOB	Weigela 'Mont Blanc'	Bushy :3/4 brks	30-40cm	5L	4/m ²

NOTES:
Based upon the Ordnance Survey map with permission of The Controller of Her Majesty's Stationery Office. © Crown Copyright.
Aspect Landscape Planning Ltd, West Court, Hardwick Business Park, Norsl Way, Banbury OX16 2AF.
Licence 100045345

Copyright reserved



- KEY:
- Existing Trees
 - Existing Shrubs
 - Proposed Trees
 - Proposed Cuboid Trees
 - Proposed Ornamental Hedge
 - Proposed Feature Shrub
 - Proposed Ornamental Planting
 - Proposed Amenity Grass / Turf
 - Existing Fence retained
 - Truro Broxap Bench or Similar
 - 0.5m Raised Blockwork planter rendered to match built form.
 - 20mm Golden Gravel or Similar

PLANTING NOTES
All plants to be supplied in accordance with the HTA 'National Plant Specification' and from a HTA certified nursery. All plants and trees to be planted in accordance with BS5836 and BS5845. Delivery and handling of all plant material to be in accordance with BS4428/UC/L/CPSE Code of Practice for 'Handling and Establishing Landscape Plants' Parts I, II and III and BS8545.

Planting Pit and Trench Preparation
Tree pits in soft landscape to be excavated to 1mx1mx1m depth prior to topsoiling and all shrub planting areas excavated to 450mm depth. All proposed hedge planting trenches to be excavated to 600mm depth unless otherwise specified, all tree pits in hard landscape to be 2mx2mx1m, backfilled with compacted Urban Tree Soil. The preparation of planting pits, bed or trenches shall comply with the appropriate British Standards, namely BS4043, BS4428, BS5837 and BS8545.

Excavation of planting pits, beds or trenches shall not take place when the ground is frozen or waterlogged such that damage may occur to the structure of the soil. All excavated areas to be backfilled with either site won topsoil or imported topsoil to be BS3882-General purpose grade. All topsoiled areas to be clear of rocks and rubble larger than 50mm diameter and any other debris that may interfere with the establishment of plants. The Contractor shall break up and cultivate at the base of the trenches or planting pits. The sides of the trenches or planting pits shall be loosened with a fork or other similar implement. All stones and the like over 75mm in any dimension, deleterious matter, weeds and weed roots brought to the surface by any cultivation or excavation shall be removed off site. The Contractor shall remove off site the excavated subsoil/fill material when preparing planting pits. The imported topsoil should make up any deficiencies caused by the removal of the subsoil/fill material. Trenches and pits shall have the topsoil and any subsoil/fill material thoroughly broken up and mixed prior to backfilling.

All trees shall be supplied root balled, unless otherwise stated. Root balled trees shall be well grown, healthy and with a compact, contained rootball. They shall be nursery grown and have been regularly watered. Prior to planting, all plant material shall be stored and sorted at in accordance with best practice.

Planting
All plants shall be planted in a random fashion avoiding formal regimented lines at densities indicated in the schedule, unless otherwise specified. Unless otherwise specified, all hedgerows shall be planted in a double staggered rows and hedgerow mixes shall be planted in groups of 7, 9 & 13s at densities indicated on the schedule. Ornamental shrub planting mixes shall be planted in groups of 5, 7 & 11s and native shrub planting mixes shall be planted in groups of 9, 13 & 15s. The selection, procurement, handling, storage and planting operations of all proposed trees shall be in accordance with BS8545:2014 - Trees: from nursery to independence in the landscape, recommendations.

Planting and associated operations shall comply with BS4043, BS4428, BS5837 and BS8545. Unless otherwise stated planting shall be carried out during the period of 1 Nov to 31 March when the ground is not frozen or water logged. If planting is required outside this period agreement shall be sought and all bare root plants shall be substituted with container grown stock.

Watering
All plants shall be watered in to field capacity immediately after planting and mulched with 50mm depth of medium grade crushed mulch. The Contractor shall water the trees, shrubs and hedges once planted so that the entire tree pit or planted area is moistened to field capacity, i.e. 'The amount of water retained by previously saturated soil once full drainage has ceased'. Watering to field capacity shall continue frequently and on a regular basis as considered necessary by the landscape contractor and as necessary to ensure the successful establishment and continued thriving of all planting. Additional watering shall be undertaken during summer months and/or periods of drought. Post planting management and maintenance specifically for new tree planting shall include ongoing irrigation and formative pruning as outlined in BS8545. The period over which regular irrigation required for transplanted trees is likely to be at least two full growing seasons to ensure successful establishment. As the root system develops the frequency of irrigation can be reduced.

Staking
All trees within soft landscape areas to be double staked with cross bar and tied, using 1.5m long, 75mm diameter rounded tree stakes 75mm brace, rubber tie and spacer block. Stakes not to extend more than 650mm above ground level. All trees within hardstanding/highways visibility plays to be clear stem to 1.5m high unless otherwise specified. Trees within hardstanding / specific pits to be underground guyed unless otherwise specified.

Root Barriers
Root barriers (ReRoot 1000 or equivalent) to be included adjacent to buildings and services where necessary. Landscape contractor shall check all planting operations comply with appropriate standards and that in the absence of detailed surveys, any necessary underground investigations are undertaken to ensure there are no conflicts with existing or proposed utilities, services or foundations.

PROTECTION OF EXISTING VEGETATION TO BE RETAINED
Existing trees to be retained shall be protected in accordance with BS5837, from commencement to completion of all works on site.

E	21.8.18	Updated to new arrangement to northern layout	CW	CW
D	09.7.18	Updated bin store / sub station locations to layout	CW	CW
C	13.2.18	Updated frontage to clients comments	CW	AM
B	16.2.17	Updated to clients comments	CW	AM
A	15.2.17	Updated to clients comments	CW	AM
REV	DATE	NOTE	Drawn	Chkd
REVISIONS				

aspect landscape planning

TITLE
Roche Building Welwyn Garden City
Planting Plan 1 of 2

CLIENT

SCALE	DATE	DRAWN	CHK'D
1:150@A1	FEB 2017	CW	AM
DRAWING NUMBER	REVISION		
6004.PP.3.0	E		