

Broadwater Road, Welwyn Garden City

SCHEDULE

Abb.	GW = underground guywires				
All trees to be airpot grown					
Fastigate trees					
CBFF	Carpinus betulus 'Frans Fontaine'	25-30cm girth	5	GW	
GRFK	Quercus robur 'Fastigiata Koster'	25-30cm girth	5	GW	
Native trees					
PA	Prunus avium	16-18cm EHS	1	GW	
PT	Populus tremula	16-18cm EHS	3	GW	
QR	Quercus robur	16-18cm EHS	1	GW	
SA	Sorbus aria	16-18cm EHS	1	GW	
SAC	Sorbus aucuparia	16-18cm EHS	1	GW	
TC	Tilia cordata	16-18cm EHS	5	GW	

Specimens, topiary, clipped forms					
AO	Ameiandier alnifolia 'Obelisk'	12-14cm HS	4	GW	
CB(T)	Carpinus betulus (Clipped Cylinder)	2-5.0m high CG	5	GW	Majestic trees
TB(P)	Taxus baccata (Pyramids)	1.8-2.4m high CG	10	GW	

Evergreen hedges Along Broadwater Road and Broad Court					
Plant as single row at 3m					
TB	Taxus baccata	90-120cm RB	379		

Evergreen hedges In courtyard					
Plant as single row at 4m					
LJ	Ligustrum japonicum	3L 60-90cm	1252		

Mix A ornamental groundcover Plant at 5/m2, to be planted as a random mix with one of each deciduous and evergreen/evergrey per metre sq and herbaceous as accents.					
All roads to be supplied by David Austin Roses					
Setting out to be agreed with the landscape architect before planting begins.					
			each in areas	each in areas	each in areas
Deciduous			A1 & A2	A3 & A4	A5 & A6

Rosa 'Older Cup'	4L min 3 good buds	54	12	10	5
Rosa 'Fighting Temeraire'	4L min 3 good buds	54	12	10	5
Rosa 'Pele D'Or'	4L min 3 good buds	54	12	10	5
Wegelia 'All Summer Peach'	2L 30-45 cm high	54	12	10	5

Evergreen/grey					
Hebe 'Garden Beauty Blue'	2L 30-45 cm high	54	12	10	5
Lavandula 'Hidcote'	2L 30-45 cm high	54	12	10	5

Herbaceous					
Achillea 'Terracotta'	2L	54	12	10	5
Iris 'Sultan's Palace'	2L	54	12	10	5
Salvia x sylvestris 'Viola Klouse'	2L	54	12	10	5

Mix B ornamental groundcover Plant at 5/m2, to be planted as a random mix with one of each deciduous and evergreen/evergrey per metre sq and herbaceous as accents.					
Setting out to be agreed with the landscape architect before planting begins.					
			each in areas	each in areas	
Deciduous			B1 & B2	B3 & B4	

Rosa 'Kent'	2L min 3 good buds	22	3	8	
Evergreen/grey					
Buxus microphylla 'Winter Gem'	2L 30-45 cm high	22	3	8	
Hebe 'Champagne'	2L 30-45 cm high	22	3	8	
Lavandula 'Hidcote'	2L 30-45 cm high	22	3	8	

Herbaceous					
Iris 'Black Swan'	2L	22	3	8	
Verbena bonariensis	2L	22	3	8	

Mix C ornamental groundcover Plant at 4/m2, to be planted as a random mix.					
Setting out to be agreed with the landscape architect before planting begins.					
			each in areas	each in areas	each in areas
Evergreen/grey			C1 & C2	C3, C4, C5 & C6	C7 & C8, C9 & C10

Myrtus communis	108	20	8	10	8
Pinus mugo	108	20	8	10	8
Sarcococca humilis	108	20	8	10	8

Mix D medium height shrubs Plant at 3/m2, to be planted as a random mix with one of each deciduous and evergreen/evergrey per metre sq.					
Setting out to be agreed with the landscape architect before planting begins.					
			D1	D2	D3
Deciduous					
Cornus alba 'Elegantissima'	2L 30-45 cm high	43	5	16	11
Spiraea thunbergii	2L 30-45 cm high	43	5	16	11

Evergreen					
Ilex 'Silver van Tor'	2L 30-45 cm high	43	5	16	11
Osmanthus x burkwoodii	2L 30-45 cm high	43	5	16	11

Mix E low shrubs Plant at 4/m2, to be planted as a random mix					
Setting out to be agreed with the landscape architect before planting begins.					
			E1	E2	
Deciduous					
Rosa 'Kent'	2L min 3 good buds	34	14	20	

Evergreen					
Oleandra x haastii	2L 30-45 cm high	34	14	20	

Mix F Native mixed hedges Plant in 2 rows, 500mm apart and 500mm staggered centres 4 per linear m, random mix					
Acer campestre	BR 60-90cm	85			
Crataegus monogyna	BR 60-90cm	85			
Cornus sanguinea	BR 60-90cm	85			
Corylus avellana	BR 60-90cm	85			
Ilex aquifolium	2L 60-90cm	208			
Viburnum opulus	BR 60-90cm	85			

PLANTING NOTES

Ground preparation
Formation to all beds to be ripped by main contractor.
Topsoil (to BS 3882:2015) to be supplied as necessary and spread as follows:-
External planting areas:-
a) Tree pits 500mm (on min 300 subsoil as section opposite)
b) Hedges, shrub and groundcover beds, minimum 450mm deep
c) Lawn areas, minimum 100mm deep

Podium planting areas:-
a) Podium planting to receive Bauder Lightweight Intensive substrate to max 765mm deep- (refer to hard landscape plans for specific depths)
For external areas only, Landscape contractor to supply and spread compost to 75mm deep and rotovate it to 300mm

Planting
All hedges, specimens, shrubs, and herbaceous to be pit planted and backfilled with planting compost (minimum 0.5L per plant) incorporating mycorrhizal fungi (mycomax or equal) at 2kg per m3 of backfill and Broadleaf P4 polymer at 1g/litre of backfill.
Trees to be pit planted (1.0 x 1.0 x 1.0m minimum), fork over base and leave domed; 100mm shingle drainage layer.
All trees to be secured with underground anchors.
All trees to be fitted with watering coils.
Street trees only, to be fitted with 600mm deep root barrier as section opposite

Backfill pits with sandy clay foam subsoil to base of adjacent topsoil profile and then to finished level with type TS1 topsoil - (Subsoil & topsoil available from Boume Amenity Ltd.).
Incorporating mycorrhizal fungi (within topsoil only - mycomax or equal) at 2kg/m3 and broadleaf P4 polymer (both layers) at 1g/litre of backfill and water in.

Mulch
Supply and spread slow release fertilizer (Scotts Steenabon or equal approved) at approx 30g/m2. Spread as top dressing before mulching.
All areas to be mulched to a depth of 50mm on completion (50-20 play bark (or equal approved)).
Apply bark mulch (750mm diameter) x 75mm deep around each tree in the open space (cut turf as necessary).

Maintenance and Aftercare
The landscape contractor is to replace all dead, dying or diseased trees, hedges, specimens, shrubs and herbaceous at the end of the 12 months defects liability period. Thereafter maintenance by Highdown HA.
Refer to detailed Management Plan for full specification.

Planting times
The planting will be carried out following completion of the building works. This is anticipated to fall within the first winter planting season.