Abb.							
Frees All tree	GW = underground guywires es to be airpot grown ate trees						
	Carpinus betulus 'Frans Fontaine' Quercus robur 'Fastigiata Koster'	25-30cm girth 25-30cm girth	5 5	GW GW			
lative PA	trees Prunus avium	16-18cm EHS	1	GW			
PT QR	Populus tremula Quercus robur	16-18cm EHS 16-18cm EHS	3 1	GW GW			
SA SAC	Sorbus aria Sorbus aucuparia	16-18cm EHS 16-18cm EHS	1	GW GW			
IC IC	Tilia cordata	16-18cm EHS	5	GW			
Specin AO	nens, topiary, clipped forms Amelanchier alnifolia 'Obelisk'	12-14cm HS	4	GW			
CB(T) FB(P)	Carpinus betulus (Clipped Cylinder) Taxus baccata (Pyramids)	2.5-3.0m high CG 1.8-2.4m high CG	6 10	GW	Majestic trees		
	een hedges Along Broadwater Road a s single row at 3/lm Taxus baccata	nd Broad Court 90-120cm RB	379				
Everar	een hedges In courtyard						
	s single row at 4/lm Ligustrum japonicum	3L 60-90cm	1252				
	ornamental groundcover Plant at 5/m2 mix with one of each deciduous and e	-					
oer met All rose:	re sq and herbaceous as accents. s to be supplied by David Austin Roses out to be agreed with the landscape a		lins.	each in areas	each in areas	each in areas	
Deciduo			Total	A1 & A2	A3 & A4	A5 & A6	
2 510 00	Rosa 'Cider Cup' Rosa 'Fighting Temeraire'	4L min 3 good buds 4L min 3 good buds	54 54	12 12	10 10	5 5	
	Rosa 'Perle D'Or' Wiegela 'All Summer Peach'	4L min 3 good buds 4L min 3 good buds 2L 30-45 cm high	54 54 54	12 12 12	10 10 10	5 5 5	
Evergre	een/grey Hebe 'Garden Beauty Blue'	2L 30-45 cm high	54	12	10	5	
Herbace	Lavandula 'Hidcote'	2L 30-45 cm high	54	12	10	5	
	Achillea 'Terracotta' Iris 'Sultan's Palace'	2L 2L	54 54	12 12	10 10	5 5	
	Salvia x sylvestris 'Viola Klose'	2L	54	12	10	5	
	ornamental groundcover Plant at 5/m2 mix with one of each deciduous and e	-					
	re sq and herbaceous as accents. out to be agreed with the landscape a	chitect before planting beg	ins.	each in	each in		
			Total	areas B1 & B2	areas B3 & B4		
Deciduo	Rosa 'Kent'	2L min 3 good buds	22	3	8		
Evergre	een/grey Buxus microphylla 'Winter Gem' Hebe 'Champagne'	2L 30-45 cm high 2L 30-45 cm high	22 22	3 3	8 8		
Herbace	Lavandula 'Hidcote'	2L 30-45 cm high 2L	22 22	3	8		
	Verbena bonariensis	2L	22	3	8		
Mix C o andom	ornamental groundcover Plant at 4/m2 mix.	, to be planted as a					
	out to be agreed with the landscape a	chitect before planting beg		each in areas	areas	each in areas	each in areas
Evergre	en/grey		Total	C1 & C2	C3, C4, C5 & C6		C9 & C10
	Myrtus communis Pinus mugo Sarcococca humilis		108 108 108	20 20 20	8 8 8	10 10 10	8 8 8
/lix D m	nedium height shrubs Plant at 3/m2, to	b be planted as a					
andom	mix with one of each deciduous and ever sq.	/ergreen/evergrey					
er met	out to be agreed with the landscape or	chitect before planting bog	ins				D4
er met Setting	out to be agreed with the landscape ar	chitect before planting beg	ins. Total	D1	D2	D3	
er met		chitect before planting beg 2L 30-45 cm high 2L 30-45 cm high		D1 5 5	D2 16 16	D3 11 11	11 11
er met Setting	ous Cornus alba 'Elegantissima' Spirea thunbergii	2L 30-45 cm high	Total 43	5	16	11	
er met Setting Deciduc Evergre	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol'	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high	Total 43 43 43	5 5 5	16 16 16	11 11 11	11 11
er met Setting Deciduc Evergre	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix	Total 43 43 43 43	5 5 5	16 16 16	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Ic Setting	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii bw shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix	Total 43 43 43 43 43	5 5 5 5	16 16 16 16	11 11 11	11 11
er met Setting Deciduc Evergre Mix E Ic Setting Deciduc	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii ow shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar bus Rosa 'Kent'	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg	Total 43 43 43 43 ins. Total	5 5 5 E1	16 16 16 16 E2	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Ic Setting Deciduc Evergre Aix F N	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii ow shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar ous Rosa 'Kent' en	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg 2L min 3 good buds 2L 30-45 cm high	Total 43 43 43 43 ins. Total 34	5 5 5 E1 14	16 16 16 16 E2 20	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Ic Setting Deciduc Evergre Aix F N	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii ow shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar ous Rosa 'Kent' en Olearia x haastii ative mixed hedges Plant in 2 rows, 5	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg 2L min 3 good buds 2L 30-45 cm high	Total 43 43 43 43 ins. Total 34	5 5 5 E1 14	16 16 16 16 E2 20	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Ic Setting Deciduc Evergre Aix F N	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii Dw shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar Ous Rosa 'Kent' en Olearia x haastii lative mixed hedges Plant in 2 rows, 5 red centres 4 per linear m, random mix Acer campestre Crataegus monogyna	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg 2L min 3 good buds 2L 30-45 cm high D0mm apart and 500mm BR 60-90cm BR 60-90cm	Total 43 43 43 43 43 ins. Total 34 34 Total 85 85	5 5 5 E1 14	16 16 16 16 E2 20	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Ic Setting Deciduc Evergre Aix F N	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii ow shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar ous Rosa 'Kent' en Olearia x haastii lative mixed hedges Plant in 2 rows, 50 red centres 4 per linear m, random mix Acer campestre Crataegus monogyna Comus sanguinea Corylus avellana	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg 2L min 3 good buds 2L 30-45 cm high 00mm apart and 500mm BR 60-90cm BR 60-90cm BR 60-90cm BR 60-90cm BR 60-90cm	Total 43 43 43 43 43 ins. Total 34 34 34 Total 85 85 85 85 85	5 5 5 E1 14	16 16 16 16 E2 20	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Ic Setting Deciduc Evergre Aix F N	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii ow shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar ous Rosa 'Kent' en Olearia x haastii lative mixed hedges Plant in 2 rows, 5 red centres 4 per linear m, random mix Acer campestre Crataegus monogyna Cornus sanguinea	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg 2L min 3 good buds 2L 30-45 cm high 00mm apart and 500mm BR 60-90cm BR 60-90cm BR 60-90cm	Total 43 43 43 43 34 ins. Total 34 34 Total 85 85 85	5 5 5 E1 14	16 16 16 16 E2 20	11 11 11	11 11
er met Setting Deciduc Evergre Aix E Io Setting Deciduc Evergre Aix F N	ous Cornus alba 'Elegantissima' Spirea thunbergii en Ilex 'Silver van Tol' Osmanthus x burkwoodii ow shrubs Plant at 4/m2, to be planted out to be agreed with the landscape ar ous Rosa 'Kent' en Olearia x haastii lative mixed hedges Plant in 2 rows, 50 red centres 4 per linear m, random mix Acer campestre Crataegus monogyna Cornus sanguinea Corylus avellana Ilex aquifolium	2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high 2L 30-45 cm high as a random mix chitect before planting beg 2L min 3 good buds 2L 30-45 cm high 00mm apart and 500mm BR 60-90cm BR 60-90cm BR 60-90cm BR 60-90cm 2L 60-90cm	Total 43 43 43 43 43 34 ins. Total 34 34 34 Total 85 85 85 85 85 85 208	5 5 5 E1 14	16 16 16 16 E2 20	11 11 11	11 11

Broadwater Road, Welwyn Garden City

External planting areas:a) Tree pits 500mm (on min 300 subsoil as section opposite)

b) Hedge, shrub and groundcover beds, minimum 450mm deep c) Lawn areas, minimum 100mm deep

Podium planting areas:-

d) 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 in 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 (mycorrmax 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 loam subsoil to base of adjacent topsoil profile

and then to finished level with type TS1 topsoil -(Subsoil & topsoil available from Bourne Amenity Ltd.),

incorporating mycorrhizal fungi (within topsoil only - mycorrmax 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 Sierrablen 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

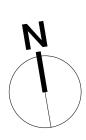
bark (or equal approved) Apply bark mulch (750mm diameter) x 75mm deep around each tree in the

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 Hightown HA.

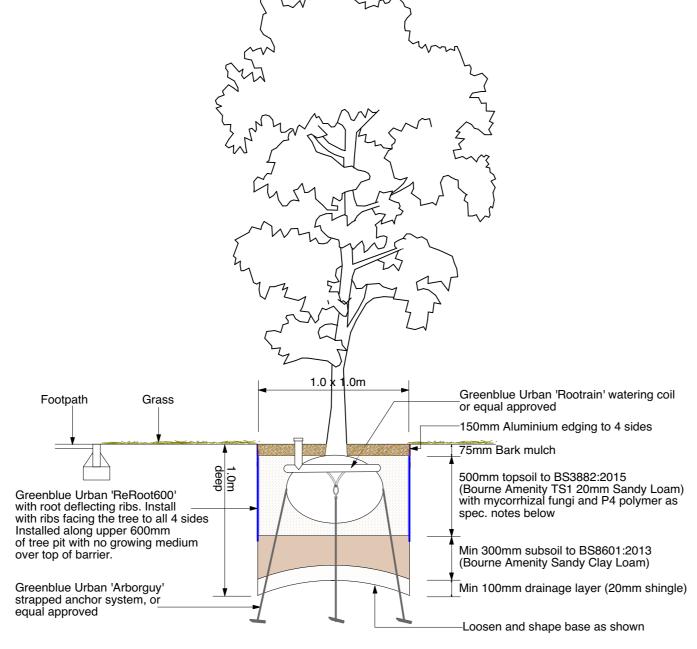
Refer to detailed Management Plan for full specification

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









⁻ / 1:25 @ A0

This scale bar applies to detail above only

Podium Drainage Note: All courtyard areas (hard & soft) to be underlaid with Green-roof water storage & drainage layer (Bauder or equal approved) Draining to rainwater outlets within podium roof slab, to Structural Engineers detail Hard Landscape Note: Refer to hard landscape drawing & NBS for detailed spec. Raised blockwork planters Bow-top metal gates 1.0m high; black finish Slab paving to patios; pedestal mounted Textured finish; charcoal colour 450x450 stack bond Slab paving to pathways; pedestal mounted Textured finish; buff colour 600x450 stretcher bond Resin-bound aggregate paving (Emergency vehicle access) 6mm grade Resin-bound aggregate paving (Pedestrian areas) 3mm grade Gravel maintenance paths Aluminium edging to material interfaces; laid flush Timber slatted wall-top bench seats Car park roof vents Proposed Astroturf Soft Landscape Existing trees retained Proposed Trees - native species

Proposed Street-trees (fastigiate forms) Proposed Courtyard trees (Large, med and small) Specimens / topiary & clipped cylindrical forms Proposed groundcover shrubs & herbaceous Ultimate height 0.6m Mixes A, B & E Proposed medium height shrubs Ultimate height 0.9-2m Mixes C & D Proposed native species hedge Ultimate height to 5m Mix F Proposed evergreen hedges (LJ & TB) Maintained in clipped form Ultimate height 1.0m ~~~~ Proposed short grass lawn -seeded Germinal GB Ltd. A22 Mix

Proposed Wildflower meadow \$ 11 Germinal GB Ltd. WF1 Mix Ecological Enhancements Proposed Log pile (from on-site cuttings) Proposed Bird Boxes Schwegler 1B or equal approved www.gardenature.co.uk Additional bat & bird boxes are to be incorporated within the building structure - (not in landscape contract) For details refer to McBains Architect's drawing No's BRW01-MCB-ZZ-ZZ-DR-A-0504 / 0505-S2-P1.1



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Project 29 Broadwater Road Welwyn Garden City

Drawing Title Planting Plan

Scale 1:200 @ A0 Date Drawn AC

Drg. No. 19512.200 Dec 2019

Rev A