The scaling of this drawing cannot be assured

PLANT MASTER SCHEDULE : CHARACTER AREA 1

TREES

Abbrev	Variety	Common Name	Code	Overall Height/ Girth cm	Description	Clear Stem (C/S) Feathered (F)	Notes	Projected canopy dia. (In favourable conditions) m	Target Soil Volume (In favourable conditions) m³	Water Demand	Plants for Pollinators	No.
Residential Area Trees												
Street Trees												
T.AR'B'	Acer rubrum 'Bowhall'	Red Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	21m³	M		
T.AA'RH'	Amelanchier arborea 'Robin Hill'	Serviceberry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.BE'H'	Betula ermanii 'Holland'	Erman's Birch	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	14m³	L		
T.CB'L'	Carpinus betulus 'Lucas'	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	17m³	L	Y	
T.CJ	Cercidiphyllum japonicum	Katsura Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	M		
T.CCO	Cornus controversa	Wedding Cake Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.CC	Corylus colurna	Turkish Hazel	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	14m³	L		
T.PC'R'	Pyrus calleryana 'Redspire'	Ornamental Pear	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M	Y	
T.TC'R'	Tilia cordata 'Rancho'	Common Lime	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M	Y	
Garden Trees												
T.CM	Cornus mas	Cornelian Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	4m³	L	Y	
T.IC	Ilex castaneifolia	Chestnut Leaved-Holly	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	8m³	L	Y	
T.M'DW'	Malus 'Donald Wyman'	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	M	Y	
T.SV'RH'	Syringa vulgaris 'Ruhm von Horstenstein'	Lilac	2x	100-150cm H	Multistem	F	Rootballed, Min. 3 stems,30cm diameter rootball, Feathered, 100-150cm high	2.5-4m	4	L	Y	
Public Open Space Trees												
Rain Gardens												
T.AG	Acer ginnala	Amur Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.AC'LRS'	Acer campestre 'Louisa Red Shine'	Field Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.AL	Amelanchier lamarckii	Snowy Mespilus	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.BM	Betula maximowicziana	Monarch Birch	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	L	Y	
T.BP'O'	Betula pendula 'Obelisk'	Silver Birch	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	17m³	L	Y	
T.BPU	Betula pubescens	Downy Birch	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	L	Y	
T.SH	Sorbus hupehensis	Hupeh Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	

HEDGES

Abbrev	Variety	Common Name	Pot Size L	Height	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Planting density specified for each species. Pit plant into weed free, friable soil. Ground shall be free draining. Avoid pruning in frosty weather. Plant Bare Root plants between November - February. Mulch the hedge line												
H.Cb	Carpinus betulus	Hornbeam	6-8cm girth	100/125cm H			Thick and even. Heavily Feathered				Y	
H.E'I'	Escallonia 'Iveyi' : Ready Hedge	Escallonia	6-8cm girth	100/125cm H	6>9		Thick and even. Heavily Feathered				Y	
H.Tb	Taxus baccata	Escallonia	6-8cm girth	100/125cm H			Thick and even. Heavily Feathered				Y	

SHRUBS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
North : On-plot												
S.Dg'N'	Hydrangea quercifolia 'Snow Queen'	Deutzia	5	60/70	6>7	As plan	Full pot, multiple growths				Y	
S.V'P'	Veronica 'Pascal'	Hebe	3	60/70	6>8	As plan	Full pot, multiple growths				Y	
S.Vd	Viburnum davidii	Viburnum	5	60/70	5	As plan	Branched, bushy, well rounded, well rooted, CG					
South : On-plot												
S.Cd'WD'	Choisya x dewitteana 'White Dazzler'	Mexican Orange Blossom	5	60/70	4>5 8>9	As plan	Full pot, multiple growths				Y	
S.Cp'AF'	Cistus × purpureus 'Alan Fradd'	Rock Rose	5	60/70	6>7	As plan	Full pot, multiple growths				Y	
S.Dg'N'	Deutzia gracilis 'Nikko'	Deutzia	5	60/70	6>7	As plan	Full pot, multiple growths					
S.La'H'	Lavandula angustifolia 'Hidcote'	Lavender	3	60/70	7>9	As plan	Full pot, multiple growths				Y	
Defensive Boundaries												
S.Bta	Berberis thunbergii f. atropurpurea	Barberry	5	60/70	4>5	As plan	Full pot, multiple growths					
S.Cs'MF'	Cornus Sanguinea 'Midwinter Fire'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths				Y	
S.Cs'F'	Cornus serica 'Flaviramea'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths				Y	
S.Rr'A'	Rosa rugosa 'Alba'	Rugosa Rose	5	60/70	7>9	As plan	Full pot, multiple growths, min. 3 brks				Y	
S.Vt'EP'	Viburnum tinus 'Eve Price'	Laurustinus	5	60/70	7>10	As plan	Full pot, multiple growths				Y	
Public Open Space												
S.Rs'M'	Rosa x odorata 'mutabilis'	Rose	5	60/70	6>11	As plan	Multiple growths. Min 3 brks. well rooted					
Streets												
S.Pt	Pachysandra terminalis	Japanese spurge	3	30/40	6>6	As plan	Full pot, multiple growths					
S.Vt'EP'	Viburnum tinus 'Eve Price'	Laurustinus	5	30/40	7>10	As plan	Full pot, multiple growths				Y	
S.B'FPSN'	Vinca minor 'Atropurpurea'	Butterfly Bush	5	30/40	4>9	As plan	Full pot, multiple growths				Y	
Rain Gardens												
S.Cs'MF'	Cornus Sanguinea 'Midwinter Fire'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths				Y	
S.Cs'F'	Cornus serica 'Flaviramea'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths				Y	

PERENNIALS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes	Plants for Pollinators	TOTAL		Plants for Pollinators	No.
Grasses to be planted in natural looking swathes in quantities stated in individual specification. Perennials to be planted in groups as stated in individual specification.												
North : On-plot												
P.Am	Alchemilla mollis	Lady's Mantle	2	30/40	6>9		Compact subject, well rooted				Y	
P.Asc	Asplenium scolopendrium	Hart's Tongue Fern	2	30/40	E		Compact subject, well rooted					
P. Ah'HJ'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone	2	30/40	8>10		Full pot, multiple growths				Y	
P.G'R'	Geranium 'Rozanne'	Geranium	2	30/40	6>10		Full pot, multiple growths				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
South : On-plot												
P.Ep	Echinacea pallida	Coneflower	2	30/40	6>9		Full pot, multiple growths					
P.G'R'	Geranium 'Rozanne'	Geranium	2	30/40	6>10		Full pot, multiple growths				Y	
P.Sb	Stipa barbata	Feather Grass	2	30/40	6>7		Full pot, multiple growths					
P.Vb	Verbena bonariensis	Verbena	2	30/40	6>9		Full pot, multiple growths				Y	
P.V.V'A'	Veronicastrum virginicum 'Album'	Culver's Root	2	30/40	7>9		Full pot, multiple growths				Y	
Defensive Boundaries												
P.Es'AG'	Echinops sphaerocephalus 'Artic Glow'	Globe Thistle	3	30/40	6>7		Full pot, multiple growths					
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.Sb	Stipa barbata	Feather Grass	2	30/40	6>7		Full pot, multiple growths					
P.Sg	Stipa gigantea	Golden Oats	5	30/40	6>7		Full pot, multiple growths					
Public Open Space												
P. Ah'HJ'	Anemone x hybrida 'September Charm'	Japanese Anemone	2	30/40	8>10		Full pot, multiple growths				Y	
P.As'R'	Anthriscus sylvestris 'Ravenswing'	Cow Parsley	1	30/40	5>7		Full pot, multiple growths					
P.Ca'KF'	Calamagrostis × acutiflora 'Karl Foerster'	Feather Reed Grass	3	60/70	6>7		Full pot, multiple growths					
P.Cg	Cephalaria gigantea	Giant Scabious	2	30/40	6>0		Full pot, multiple growths				Y	
P.Cr'TFT'	Cirsium rivulare 'Trevors Felley Find'	Brook Thistle	2	30/40	7>9		Ful pot, well-mounded					
P.Ep	Echinacea pallida	Coneflower	2	30/40	6>9		Full pot, multiple growths				Y	
P.Ek	Erigeron karvinskianus	Fleabane	2	30/40	5>10		Full pot, multiple growths				Y	
P.G'KW'	Geranium 'Kashmir White'	Geranium	2	30/40	7>10		Full pot, multiple growths				Y	
P.P'TT'	Pennisetum 'Tiny Tails'	Fountain Grass	3	40/50			Full pot, multiple growths					
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.Sg	Stipa gigantea	Golden Oats	5	60/70	6>7		Full pot, multiple growths					
P.V.V'A'	Veronicastrum virginicum 'Album'	Culver's Root	3	40/50	7>8		Full pot, multiple growths					
Streets												
P.Am	Alchemilla mollis	Lady's Mantle	2	20/30	6>9		Compact subject, well rooted				'	
P.Cr'A'	Centranthus ruber 'Albus'	Valerian	2	30/40	5>10		Full pot, multiple growths				Y	
P.G'R'	Geranium 'Rozanne'	Geranium	2	30/40	6>10		Full pot, multiple growths				Y	
Rain Gardens												
P.Ba'A'	Bistorta amplexicaulis 'Alba'	Bistorta	2	30/40	6>10		Full pot, multiple growths					
P.Ca'KF'	Calamagrostis × acutiflora 'Karl Foerster'	Feather Reed Grass	3	60/70	6>7		Full pot, multiple growths					
P.Cr'A'	Centranthus ruber 'Albus'	Valerian	1	30/40	5>10		Full pot, multiple growths					
P.DpJ	Digitalis parviflora Jacq.	Foxglove	3	30/40	5>7		Full pot, multiple growths				'	
P.Du	Doellingeria umbellata	Aster	2	30/40	6>10		Full pot, well rooted, strong stems					
P.E'MM'	Euphorbia 'Miners Merlot'	Lady's Mantle	2	20/30	6>9		Compact subject, well rooted				Y	
P.Em'PB'	Eutrochium maculatum (Atropurpureum Group) 'Purple Bush'		2	30/40	7>9		Full pot, multiple growths					
P.I'BD'	Iris 'Benton Deirdre'		3	30/40	5>6		Full pot, multiple growths					
P.Ms'FO'	Miscanthus sinensis 'Ferner Osten'	Chinese Silver Grass	3	60/70	9>10		Full pot, multiple growths					
P.Ol'WB'	Oenothera lindheimeri 'Whirling Butterflies'	Gaura	2	30/40	5>9		Full pot, multiple growths					
P.Pv'R'	Panicum virgatum 'Rehbraun'	Switch Grass	3	60/70	8>9		Full pot, multiple growths					
P.P'TT'	Pennisetum 'Tiny Tails'	Fountain Grass	3	40/50	7>9		Full pot, multiple growths					
P.Ss'S'	Salvia × sylvestris 'Schneehügel'	Sage	2	30/40	6>9		Full pot, multiple growths					
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.Sg	Stipa gigantea	Golden Oats	5	60/70	6>7		Full pot, multiple growths					
P.Vo	Valeriana officinalis	Valerian	1	30/40	6>8		Full pot, multiple growths					
P.Vh'R'	Verbena hastata 'Rosea'	Verbena	2	30/40	6>9		Full pot, multiple growths					

CLIMBERS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
On-plot												
C.C'AB'	Clematis 'Apple Blossom'	Clematis	10	60/70	3>4		Mulitple stems, well rooted, strong leaders					
C.Hh'GR'	Hedera helix 'Green Ripple'	Ivy	5	60/70			Mulitple stems, well rooted, strong leaders					
C.Hh'R'	Hydrangea hydrangeoides var. hydrangeoides 'Roseum'	Japanese hydrangea	10	60/70	7>9		Mulitple stems, well rooted, strong leaders					
C.Hp	Hydrangea petiolaris	Climbing Hydrangea	10	60/70	5>7		Mulitple stems, well rooted, strong leaders					
C.Tj	Trachelospermum jasminoides	Star Jasmine	10	60/70	6>8		Mulitple stems, well rooted, strong leaders					

BULBS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Bulbs to be planted in same species, natural, 'self-seeded' swathes. See individual specification of quantity of bulbs within swathe.												
Public Open Space and Streets												
B.Aa	Allium atropurpureum	Ornamental Onion	10/12cm	35	3>5		Firm, undamaged bulbs.				Y	
B.As	Allium siculum	Nectaroscordum	10/12cm	35	3>5		Firm, undamaged bulbs.				Y	
B.Npr	Narcissus poeticus var. recurvus	Pheasant's Eye	10/12cm	35	3>5		Firm, undamaged bulbs.				Y	
B.N'T'	Narcissus 'Thalia'	Daffodil Thalia	12/14cm	45	3>4		Firm, undamaged bulbs.				Y	
B.T'AF'	Tulipa 'Apricot Foxx'	Tulip	11/12cm	60	4>5		Firm, undamaged bulbs.				Y	
B.T'P'	Tulipa 'Purissima'	Tulip	11/12cm	60	4>0		Firm, undamaged bulbs.				Y	
B.T'R'	Tulipa 'Ronaldo'	Tulip	11/12cm	60	4>5		Firm, undamaged bulbs.				Y	

PLANT MASTER SCHEDULE : CHARACTER AREA 2

TREES

Abbrev	Variety	Common Name	Code	Overall Height/ Girth cm	Description	Clear Stem (C/S) Feathered (F)	Notes	Projected canopy dia. (In favourable conditions) m	Target Soil Volume (In favourable conditions) m³	Water Demand	Plants for Pollinators	No.
Residential Area Trees												
Street Trees												
T.AP'MU'	Acer platanoides 'Mauritz Upright'	Columnar Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	21m³	M	Y	
T.BU'SQ'	Betula utilis 'Snow Queen'	Himalayan Birch	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	14m³	L		
T.CB'FP'	Carpinus betulus 'Frans Fontaine'	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	17m³	L	Y	
T.CS	Cercis siliquastrum	Judus Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	M	Y	
T.CC'TTR'	Corylus colurna 'Te-Terra Red'	Turkish Hazel	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	14m³	L	Y	
T.P'P'	Prunus 'Pandora'	Ornamental Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.SC	Sorbus commixta	Japanese Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
T.TC'WC'	Tilia cordata 'Winter Orange'	Common Lime	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M	Y	
Mews & Parking Trees												
T.AL	Amelanchier × lamarckii	Snowy Mespilus	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.GT'DSK'	Gleditsia triacanthos 'Draves Street Keeper'	Honey Locust	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	L	Y	
T.LS'SS'	Liquidambar styraciflua 'Slender Silhouette'	Sweet Gum	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	14m³	M		
T.MK	Magnolia kobus	Magnolia	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	14m³	L	Y	
T.PP'V'	Parrotia persica 'Vanessa'	Persian Ironwood	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	10m³	M	Y	
Garden Trees												
T.CA'C'	Corylus avellana 'Contorta'	Corkscrew Hazel	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	10m³	L	Y	
T.CM	Cornus mas	Cornelian Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	4m³	L	Y	
T.IA'NS'	Ilex aquifolium 'Nellie Stevens'	Holly	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	L	Y	
T.LJ	Ligustrum japonicum	Japanese Privet	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	8m³	M	Y	
T.MT	Malus toringo	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	8m³	M	Y	
T.SV'RH'	Syringa vulgaris 'Ruhm von Horstenstein'	Lilac	2x	100-150cm H	Multistem	F	Rootballed, Min. 3 stems,30cm diameter rootball, Feathered, 100-150cm high	2.5-4m	4	L	Y	
Public Open Space Trees												
Parkland												
T.AC	Acer campestre	Field Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.CB	Carpinus betulus	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	L	Y	
T.FS'A'	Fagus sylvatica 'Asplenifolia'	Fern-leaved Beech	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M		
T.FS'R'	Fagus sylvatica 'Rohanii'	Purple Beech	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M		
T.MS	Malus sylvestris	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	M	Y	
T.PA'P'	Prunus avium 'Plena'	Double Gean	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M		
T.PP	Prunus padus	Bird Cheery	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.SA	Sorbus aucuparia	Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
T.ST	Sorbus torminalis	Wild Service Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
Greenway												
T.AP'F'	Acer platanoides 'Fairview'	Norway Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.LS'SS'	Liquidambar styraciflua 'Slender Silhouette'	Sweet Gum	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	14m³	M	Y	
T.PC'C'	Pyrus calleryana 'Chanticleer'	Callery Pear	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.P'U'	Prunus 'Umineko'	Ornamental Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	21m³	M	Y	
T.ZS'GV'	Zelkova serrata 'Green Vase'	Japanese Zelkova	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M		

HEDGES

Abbrev	Variety	Common Name	Pot Size L	Height	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Planting density specified for each species. Pit plant into weed free, friable soil. Ground shall be free draining. Avoid pruning in frosty weather. Plant Bare Root plants between November - February. Mulch the hedge line												
H.Ac	Acer campestre	Field maple	Whip	100/125cm			Single stem with even branching	Y			Y	
H.Cb	Carpinus betulus	Hornbeam	Trough	100/125cm			Single row, as plan. Plant to suppliers instructions	Y			Y	
H.Lv	Ligustrum vulgare : Ready Hedge	Wild Privet	Trough	80/100cm	5>6		Single row, as plan. Plant to suppliers instructions	Y			Y	

SHRUBS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
North : On-plot												
S.B'FPSN'	Buddleja Flutterby Petite Snow White	Butterfly Bush	5	60/70	7>10	As plan	Full pot, multiple growths	Y			Y	
S.P'MH'	Philadelphus 'Manteau d'Hermine'	Mocl Orange	5	75/150	4>6	As plan	Full pot, multiple growths					
S.Pt'GB'	Pittosporum tenuifolium 'Golf Ball'	Kohuhu	5	60/70	5>6	As plan	Full pot, multiple growths, min 3 brks, rounded form	Y			Y	
South : On-plot												
S.Al'SQ'	Artemesia ludoviciana 'Silver Queen'	Western Mugwort	5	40/50	4>5 8>9	As plan	Full pot, multiple growths	Y			Y	
S.A'PC'	Artemesia 'Powis Castle'	Wormwood	5	40/50	4>5 8>9	As plan	Full pot, multiple growths	Y			Y	
S.B'FPSN'	Buddleja Flutterby Petite Snow White	Butterfly Bush	5	60/70	7>10	As plan	Full pot, multiple growths	Y			Y	
Defensive Boundaries												
S.Bta	Berberis thunbergii f. atropurpurea	Barberry	5	60/70	4>5	As plan	Full pot, multiple growths					
S.Cs'MF'	Cornus Sanguinea 'Midwinter Fire'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths	Y			Y	
S.Cs'F'	Cornus serica 'Flaviramea'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths	Y			Y	
S.Rr'A'	Rosa rugosa 'Alba'	Rugosa Rose	5	60/70	7>9	As plan	Full pot, multiple growths, min. 3 brks	Y			Y	
S.Vt'EP'	Viburnum tinus 'Eve Price'	Laurustinus	5	60/70	7>10	As plan	Full pot, multiple growths	Y			Y	
Streets												
S.Hq'SQ'	Hydrangea quercifolia 'Snow Queen'	Oak-Leafed Hydrangea	5	30/40	7>9	As plan	Full pot, multiple growths min. 3 brks	Y			Y	
S.Snp'E'	Sambucus nigra f. porphyrophylla 'Eva'	Black Elder	5	60/70	6	As plan	Full pot, multiple growths min. 3 brks	Y			Y	
S.Vm'GJ'	Vinca minor f. alba 'Gertrude Jekyll'	Lesser Periwinkle	3	30/40	4>9	As plan	Full pot, multiple growths	Y			Y	

PERENNIALS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Grasses to be planted in natural looking swathes in quantities stated in individual specification. Perennials to be planted in groups as stated in individual specification.												
North : On-plot												
P.Ah'HJ'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone	3	30/40	8>10		Full pot, multiple growths					
P.As'R'	Anthriscus sylvestris 'Ravenswing'	Cow Parsley	1	30/40	5>7		Full pot, multiple growths					
P.Am'C'	Astrantia major 'Claret'	Great Black Masterwort	2	30/40	6>8		Full pot, multiple growths					
P.So'T'	Sanguisorba officinalis 'Tanna'	Greater Burnet	2	30/40	7>10		Compact subject, well rooted				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.Sb	Stipa barbata	Feather Grass	2	30/40	6>7		Full pot, multiple growths					
South : On-plot												
P.Am'P'	Achillea millefolium 'Paprika'	Yarrow	2	30/40	5>8		Full pot, multiple growths				Y	
P.Ep'HD'	Echinacea pallida 'Hula Dancer'	Coneflower	2	30/40	6>9		Full pot, multiple growths				Y	
P.So'T'	Sanguisorba officinalis 'Tanna'	Greater Burnet	2	30/40	7>10		Compact subject, well rooted				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.Sb	Stipa barbata	Feather Grass	2	30/40	6>7		Full pot, multiple growths					
P.V.V'A'	Veronicastrum virginicum 'Album'	Culver's Root	3	40/50	7>8		Full pot, multiple growths					
Defensive Boundaries												
P.So	Sanguisorba officinalis	Burnet	2	50/40	7>10		Compact subject, well rooted				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
Public Open Space												
P.Am'T'	Achillea millefolium 'Terracotta'	Yarrow	2	30/40	5>8		Full pot, multiple growths				Y	
P.Am	Alchemilla mollis	Lady's Mantle	2	50/50	6>9		Compact subject, well rooted				Y	
P.Ah'HJ'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone	3	30/40	8>10		Full pot, multiple growths					
P.DpJ	Digitalis parviflora Jacq.	Foxglove	3	30/40	5>7		Full pot, multiple growths				Y	
P.Ey	Eryngium yuccifolium	Button Eryngo	2	30/40	7>9						Y	
P.G'MT'	Geum 'Mai Tai'	Avens	2	30/40	5>7							
P.La'B'	Lysimachia atropurpurea 'Beaujolais'	Loosestrife	2	30/40	5>9		Full pot, multiple growths				Y	
P.Ms'G'	Miscanthus sinensis 'Gracillimus'	Chinese Silver Grass	3	60/70	5>10		Full pot, multiple growths				Y	
P.So	Sanguisorba officinalis	Burnet	2	50/40	7>10		Compact subject, well rooted				Y	
P.So'T'	Sanguisorba officinalis 'Tanna'	Greater Burnet	2	30/40	7>10		Compact subject, well rooted				Y	
P.Sb	Stipa tenuissima	Feather Grass	2	30/40	6>10		Full pot, multiple growths					
P.V.V'A'	Veronicastrum virginicum 'Album'	Culver's Root	3	40/50	7>8		Full pot, multiple growths					

CLIMBERS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
On-plot												
C.C'AB'	Clematis 'Apple Blossom'	Clematis	10	60/70	3>4		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Hh'GR'	Hedera helix 'Green Ripple'	Ivy	5	60/70			Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Hh'R'	Hydrangea hydrangeoides var. hydrangeoides 'Roseum'	Japanese hydrangea	10	60/70	7>9		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Jo'DC'	Jasminum officinale Devon Cream	Jasmine	10	60/70	6>8		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Ljr	Lonicera japonica var. repens	Japanese hHoneysuckle	10	60/70	4>8		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Tj	Trachelospermum asiaticum	Star Jasmine	10	60/70	6>8		Mulitple stems, well rooted, strong leaders, min 3 brks					

BULBS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Bulbs to be planted in same species, natural, 'self-seeded' swathes. See individual specification of quantity of bulbs within swathe.												
Public Open Space and Streets												
B.Aa	Allium atropurpureum	Ornamental Onion	10/12cm	35	3>5		Firm, undamaged bulbs.				Y	
B.As	Allium siculum	Nectaroscordum	10/12cm	35	3>5		Firm, undamaged bulbs.				Y	
B.Npr	Narcissus poeticus var. recurvus	Pheasant's Eye	10/12cm	35	3>5		Firm, undamaged bulbs.				Y	
B.N'T'	Narcissus 'Thalia'	Daffodil Thalia	12/14cm	45	3>4		Firm, undamaged bulbs.				Y	
B.T'P'	Tulipa 'Menton'	Tulip	11/12cm	65	4>5		Firm, undamaged bulbs.				Y	
B.T'R'	Tulipa 'Ridgedale'	Tulip	11/12cm	35	5		Firm, undamaged bulbs.				Y	
B.T'R'	Tulipa 'Ronaldo'	Tulip	11/12cm	40	4>5		Firm, undamaged bulbs.				Y	

PLANT MASTER SCHEDULE : CHARACTER AREA 4

TREES

Abbrev	Variety	Common Name	Code	Overall Height/ Girth cm	Description	Clear Stem (C/S) Feathered (F)	Notes	Projected canopy dia. (In favourable conditions) m	Target Soil Volume (In favourable conditions) m³	Water Demand	Plants for Pollinators	No.
Residential Area Trees												
Street Trees												
T.AP'MJ'	Acer platanoides 'Mauritz Upright'	Columnar Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	21m³	M	Y	
T.CB'FF'	Carpinus betulus 'Frans Fontaine'	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	17m³	L	Y	
T.PC'N'	Prunus cerasifera 'Nigra'	Cherry Plum	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M	Y	
T.SC	Sorbus commixta	Japanese Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
Mews & Parking Trees												
T.GB'N'	Ginkgo biloba 'Nanum'	Maidenhair Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	1.5-2.5m	14m³	M		
T.MK	Magnolia kobus	Magnolia	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	14m³	L	Y	
Garden Trees												
T.AA'RH'	Amelanchier arborea 'Robin Hill'	Serviceberry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.CCO	Cornus controversa	Wedding Cake Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.CM	Cornus mas	Cornelian Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	4m³	L	Y	
T.IC	Ilex castaneifolia	Chestnut Leaved-Holly	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	8m³	L	Y	
T.MDW	Malus 'Donald Wyman'	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	M	Y	
T.SV'RH'	Syringa vulgaris 'Ruhm von Horstenstein'	Lilac	2x	100-150cm H	Multistem	F	Rootballed, Min. 3 stems,30cm diameter rootball, Feathered, 100-150cm high	2.5-4m	4	L	Y	
Public Open Space Trees												
Parkland												
T.AC	Acer campestre	Field Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.CB	Carpinus betulus	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	L	Y	
T.MS	Malus sylvestris	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	M	Y	
T.PA'P'	Prunus avium 'Plena'	Double Gean	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M		
T.PP	Prunus padus	Bird Cheery	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.SA	Sorbus aucuparia	Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
T.ST	Sorbus torminalis	Wild Service Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	

HEDGES

Abbrev	Variety	Common Name	Pot Size L	Height	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Planting density specified for each species. Pit plant into weed free, friable soil. Ground shall be free draining. Avoid pruning in frosty weather. Plant Bare Root plants between November - February. Mulch the hedge line												
H.Cb	Carpinus betulus	Hornbeam	6-8cm girth	100/125cm H			Thick and even. Heavily Feathered				Y	
H.E'I'	Escallonia 'Iveyi' : Ready Hedge	Escallonia	6-8cm girth	100/125cm H	6>9		Thick and even. Heavily Feathered				Y	
H.Tb	Taxus baccata	Escallonia	6-8cm girth	100/125cm H			Thick and even. Heavily Feathered				Y	

SHRUBS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
On-plot												
S.B'FPSN'	Buddleja Flutterby Petite Snow White	Butterfly Bush	5	60/70	7>10	As plan	Full pot, multiple growths				Y	
S.P'MH'	Philadelphus 'Manteau d'Hermine'	Mocl Orange	5	60/70	4>6	As plan	Full pot, multiple growths					
S.Pt'GB'	Pittosporum tenuifolium 'Golf Ball'	Kohuhu	5	60/70	5>6	As plan	Full pot, multiple growths, min 3 brks, rounded form				Y	
Defensive Boundaries												
S.Bta	Berberis thunbergii f. atropurpurea	Barberry	5	60/70	4>5	As plan	Full pot, multiple growths					
S.Cs'MF'	Cornus Sanguinea 'Midwinter Fire'	Dogwood	5	60/70	6	As plan	Full pot, multiple growths				Y	
S.Hq'SQ'	Hydrangea quercifolia 'Snow Queen'	Oak-Leafed Hydrangea	5	30/40	7>9	As plan	Full pot, multiple growths min. 3 brks				Y	
S.Rr'A'	Rosa rugosa 'Alba'	Rugosa Rose	5	60/70	7>9	As plan	Full pot, multiple growths, min. 3 brks				Y	
S.Snp'E'	Sambucus nigra f. porphyrophylla 'Eva'	Black Elder	5	60/70	6	As plan	Full pot, multiple growths min. 3 brks				Y	
S.Vt'EP'	Viburnum tinus 'Eve Price'	Laurustinus	5	60/70	7>10	As plan	Full pot, multiple growths				Y	
Streets												
S.Hq'SQ'	Hydrangea quercifolia 'Snow Queen'	Oak-Leafed Hydrangea	5	30/40	7>9	As plan	Full pot, multiple growths min. 3 brks				Y	
S.Snp'E'	Sambucus nigra f. porphyrophylla 'Eva'	Black Elder	5	60/70	6	As plan	Full pot, multiple growths min. 3 brks				Y	
S.Vm'GJ'	Vinca minor f. alba 'Gertrude Jekyll'	Lesser Periwinkle	3	30/40	4>9	As plan	Full pot, multiple growths				Y	

PERENNIALS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Grasses to be planted in natural looking swathes in quantities stated in individual specification. Perennials to be planted in groups as stated in individual specification.												
On-plot												
P.Ah'HJ'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone	3	30/40	8>10		Full pot, multiple growths					
P.As'R'	Anthriscus sylvestris 'Ravenswing'	Cow Parsley	1	30/40	5>7		Full pot, multiple growths					
P.Asc	Asplenium scolopendrium	Hart's Tongue Fern	2	30/40	E		Compact subject, well rooted					
P.Am'C'	Astrantia major 'Claret'	Great Black Masterwort	2	30/40	6>8		Full pot, multiple growths					
P.Ba'A'	Bistorta amplexicaulis 'Blackfield'	Bistorta	2	30/40	6>10		Full pot, multiple growths					
P.Bs	Blechnum spicant	Hard Fern	2	30/40	E		Full pot, multiple growths					
P.Ey'N'	Epimedium × youngianum 'Niveum'	Barrenwort	2	30/40	4>5		Full pot, multiple growths					
P.Ed	Eurybia divaricata	Aster divaricatus	2	30/40	6>10		Full pot, multiple growths					
P.Mua	Melica uniflora f. albida	Wood melick	2	30/40	4>6		Full pot, multiple growths					
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
Defensive Boundaries												
P.Ba'A'	Bistorta amplexicaulis 'Blackfield'	Bistorta	2	30/40	6>10		Full pot, multiple growths					
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					

CLIMBERS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
On-plot												
C.Hh'GR'	Hedera helix 'Green Ripple'	Ivy	5	60/70			Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Hh'R'	Hydrangea hydrangeoides var. hydrangeoides 'Roseum'	Japanese hydrangea	10	60/70	7>9		Mulitple stems, well rooted, strong leaders, min 3 brks					

PLANT MASTER SCHEDULE : CHARACTER AREA 5

TREES

Abbrev	Variety	Common Name	Code	Overall Height/ Girth cm	Description	Clear Stem (C/S) Feathered (F)	Notes	Projected canopy dia. (In favourable conditions) m	Target Soil Volume (In favourable conditions) m³	Water Demand	Plants for Pollinators	No.
Residential Area Trees												
Street Trees												
T.AP'MU'	Acer platanoides 'Mauritz Upright'	Columnar Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	21m³	M	Y	
T.CB'L'	Carpinus betulus 'Lucas'	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	17m³	L	Y	
T.SC	Sorbus commixta	Japanese Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
T.TC'R'	Tilia cordata 'Rancho'	Common Lime	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M	Y	
Mews & Parking Trees												
T.AA'RH'	Amelanchier arborea 'Robin Hill'	Serviceberry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	10m³	M	Y	
T.CC	Corylus colurna	Turkish Hazel	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	14m³	L		
T.MK	Magnolia kobus	Magnolia	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	14m³	L	Y	
T.PC'R'	Pyrus calleryana 'Redspire'	Ornamental Pear	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M	Y	
Garden Trees												
T.CM	Cornus mas	Cornelian Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	4m³	L	Y	
T.IC	Ilex castaneifolia	Chestnut Leaved-Holly	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	2.5-4m	8m³	L	Y	
T.SV'RH'	Syringa vulgaris 'Ruhm von Horstenstein'	Lilac	2x	100-150cm H	Multistem	F	Rootballed, Min. 3 stems,30cm diameter rootball, Feathered, 100-150cm high	2.5-4m	4	L	Y	
Public Open Space Trees												
Parkland												
T.AC	Acer campestre	Field Maple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.CB	Carpinus betulus	Hornbeam	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	17m³	L	Y	
T.FS'R'	Fagus sylvatica 'Rohanii'	Purple Beech	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M		
T.MS	Malus sylvestris	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	M	Y	
T.PA'P'	Prunus avium 'Plena'	Double Gean	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	6-8m	21m³	M		
T.PP	Prunus padus	Bird Cheery	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	
T.SA	Sorbus aucuparia	Rowan	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
T.ST	Sorbus torminalis	Wild Service Tree	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	17m³	M	Y	
Play Areas												
T.M'E'	Malus 'Evereste'	Crab Apple	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	8m³	M	Y	
T.P'A'	Prunus 'Accolade'	Ornamental Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-6m	21m³	M	Y	
T.P'P'	Prunus 'Pandora'	Ornamental Cherry	3x	14-16	Extra Heavy Standard	C/S	Rootballed, 50cm diameter rootball, 2.0m clear stem, 400-450cm high	4-8m	21m³	M	Y	

HEDGES

Abbrev	Variety	Common Name	Pot Size L	Height	Flowering Period	Group/swathe Quantity	Notes			Water Demand	Plants for Pollinators	No.
Planting density specified for each species. Pit plant into weed free, friable soil. Ground shall be free draining. Avoid pruning in frosty weather. Plant Bare Root plants between November - February. Mulch the hedge line												
H.Ac	Acer campestre	Field maple	Whip	100/125cm			Single stem with even branching	Y				
H.Cb	Carpinus betulus	Hornbeam	Whip	100/125cm			Single stem with even branching	Y				
H.Cm	Crataegus monogyna	Hawthorn	Whip	100/125cm			Single stem with even branching	Y				

SHRUBS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes			Water Demand	Plants for Pollinators	No.
On-plot												
S.B'FPSN'	Buddleja Flutterby Petite Snow White	Butterfly Bush	5	60/70	7>10		Full pot, multiple growths	Y				
S.P'MH'	Philadelphus 'Manteau d'Hermine'	Mocl Orange	5	75/150	4>6		Full pot, multiple growths					
S.Pt'GB'	Pittosporum tenuifolium 'Golf Ball'	Kohuhu	5	60/70	5>6		Full pot, multiple growths, min 3 brks, rounded form	Y				
Defensive Boundaries												
S.Cs'MF'	Comus Sanguinea 'Midwinter Fire'	Dogwood	5	60/70	6		Full pot, multiple growths	Y				
S.Hq'SQ'	Hydrangea quercifolia 'Snow Queen'	Oak-Leafed Hydrangea	5	30/40	7>9		Full pot, multiple growths min. 3 brks	Y				
S.Rr'A'	Rosa rugosa 'Alba'	Rugosa Rose	5	60/70	7>9		Full pot, multiple growths, min. 3 brks	Y				
S.Snp'E'	Sambucus nigra f. porphyrophylla 'Eva'	Black Elder	5	60/70	6		Full pot, multiple growths min. 3 brks	Y				
S.Vt'EP'	Viburnum tinus 'Eve Price'	Laurustinus	5	60/70	7>10		Full pot, multiple growths	Y				
Streets												
S.Snp'E'	Sambucus nigra f. porphyrophylla 'Eva'	Black Elder	5	60/70	6		Full pot, multiple growths min. 3 brks	Y				
S.Vm'GJ'	Vinca minor f. alba 'Gertrude Jekyll'	Lesser Periwinkle	3	30/40	4>9		Full pot, multiple growths	Y				
Public Open Space												
S.Cs'MF'	Comus Sanguinea 'Midwinter Fire'	Dogwood	5	60/70	6		Full pot, multiple growths min. 3 brks	Y				
S.Hq'SQ'	Hydrangea quercifolia 'Snow Queen'	Oak-Leafed Hydrangea	5	60/70	7>9		Full pot, multiple growths min. 3 brks	Y				
S.Lf	Lonicera fragrantissima	Winter Honeysuckle	5	60/70	1>3		Full pot, multiple growths min. 3 brks	Y				
S.Vpt'KS'	Viburnum plicatum f. tomentosum 'Kilimanjaro Sunrise'	Viburnum	5	60/70	5>6		Full pot, multiple growths min. 3 brks	Y				
Native Shrub Mix												
S.Cs'MF'	Comus Sanguinea	Dogwood	3	60/70	5>6		Full pot, multiple growths min. 3 brks	Y				
S.Ca	Corylus avellana	Hazel	3	60/70	3>4		Full pot, multiple growths min. 3 brks	Y				
S.Cm	Crataegus monogyna	Hawthorn	3	60/70	5>6		Full pot, multiple growths min. 3 brks	Y				
S.Rc	Rosa canina	Dog Rose	3	60/70	6>8		Full pot, multiple growths min. 3 brks	Y				

PERENNIALS

Abbrev	Variety	Common Name	Pot Size L	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Grasses to be planted in natural looking swathes in quantities stated in individual specification. Perennials to be planted in groups as stated in individual specification.												
On-plot												
P.Am	Alchemilla mollis	Lady's Mantle	2	30/40	6>9		Compact subject, well rooted				Y	
P.Ah'HJ'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone	3	30/40	8>10		Full pot, multiple growths					
P.As'R'	Anthriscus sylvestris 'Ravenswing'	Queen Ann's Lace	2	30/40	4>7		Full pot, multiple growths				Y	
P.As	Asplenium scolopendrium	Hart's Tongue Fern	2	30/40	N/A		Full pot, multiple growths				Y	
P.Ba'P'	Bistorta amplexicaulis 'Firetail'	Red Bistort	2	30/40								
P.G'R'	Geranium 'Rozanne'	Geranium	2	30/40	6>10		Full pot, multiple growths				Y	
P.So	Sanguisorba officinalis	Greater Burnet	2	30/40	7>10		Full pot, multiple growths				Y	
P.So'T'	Sanguisorba officinalis 'Tanna'	Greater Burnet	2	30/40	7>10		Compact subject, well rooted				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.Sd	Silene dioca	Red campion	1	30/40	4>7		Compact subject, well rooted				Y	
Public Open Space												
P.Am	Alchemilla mollis	Lady's Mantle	2	30/40	6>9		Compact subject, well rooted				Y	
P.Ah'HJ'	Anemone x hybrida 'Honorine Jobert'	Japanese Anemone	3	30/40	8>10		Full pot, multiple growths					
P.Al	Anemanthele lessoniana	Pheasant's Tail Grass	3	30/40	6>9		Full pot, multiple growths					
P.As'R'	Anthriscus sylvestris 'Ravenswing'	Queen Ann's Lace	2	30/40	4>7		Full pot, multiple growths				Y	
P.Dc	Deschampsia cespitosa	Tufted Hair Grass	2	30/40	6>8		Full pot, multiple growths					
P.Ea'P'	Euphorbia amygdaloides 'Purpurea'	Wood Spurge	2	30/40	4>6		Full pot, multiple growths					
P.Ln	Luzula nivea	Woodrush	2	30/40	6>7		Full pot, multiple growths					
P.Ms	Matteuccia struthiopteris	Ostrich Fern	3	30/40			Full pot, multiple growths					
P.So	Sanguisorba officinalis	Greater Burnet	2	30/40	7>10		Full pot, multiple growths				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths					
P.V.V'A'	Veronicastrum virginicum 'Album'	Culver's Root	2	30/40	7>8		Full pot, multiple growths					
Defensive Boundaries												
P.Dc'G'	Deschampsia cespitosa 'Goldtau'	Tufted Hair Grass	2	30/40	6>8		Full pot, multiple growths				Y	
P.Pa	Polystichum aculeatum	Hard Shield Fern	2	30/40			Full pot, multiple growths, balanced form					
P.So	Sanguisorba officinalis	Burnet	2	30/40	7>10		Compact subject, well rooted				Y	
P.Sa	Sesleria autumnalis	Moor Grass	2	30/40	6>10		Full pot, multiple growths				Y	
Streets												
P.Bs	Blechnum spicant	Hard Fern	2	30/40	E		Full pot, multiple growths					
P.Lv	Leucanthemum vulgare	Ox-eye Daisy	2	90/60	5>7		Compact subject, well rooted				Y	
P.Ln	Luzula nivea	Woodrush	2	30/40	6>7		Full pot, multiple growths					
P.So	Sanguisorba officinalis	Greater Burnet	2	120/60	7>10		Full pot, multiple growths				Y	
Marginal Mix												
P.Bu	Butomus umbellatus	Flowering Rush	2	30/40	7>10		Full pott, well rooted, multiple growths				Y	
P.Cp	Caltha paustris	Marsh Marigold	2	30/40	3>4		Full pott, well rooted, multiple growths				Y	
P.Ec	Eupatorium cannabinum	Hemp Agrimony	2	30/40	7>9		Full pott, well rooted, multiple growths				Y	
P.Gm	Glyceria maxima	Reed Sweet-Grass	2	30/40	6>8		Full pott, well rooted, multiple growths					
P.Ip	Iris pseudacorus	Flag Iris	2	30/40	5>6		Full pott, well rooted, multiple growths				Y	
P.Je	Juncus effusus	Common Rus	2	30/40	6>8		Full pott, well rooted, multiple growths				Y	
P.Ls	Lythrum salicaria	Purple Loosestrife	2	30/40	5>6		Full pott, well rooted, multiple growths				Y	
P.Ma	Mentha aquatica	Water mint	2	30/40	6>8		Full pott, well rooted, multiple growths				Y	
P.Ta	Typha angustifolia	Lesser Bulrush	2	30/40			Full pott, well rooted, multiple growths				Y	
Submerged Mix												
P.Mt	Menyanthes trifoliata	Bog Bean	2	10/20	4>6		Full pott, well rooted, multiple growths, aquatic pot and soil				Y	
P.Na	Nymphaea alba	White Water Lily	2	10/20	6>9		Full pott, well rooted, multiple growths, aquatic pot and soil				Y	

CLIMBERS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
On-plot												
C.C'AB'	Clematis 'Apple Blossom'	Clematis	10	60/70	3>4		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Hh'GR'	Hedera helix 'Green Ripple'	Ivy	5	60/70			Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Hh'R'	Hydrangea hydrangeoides var. hydrangeoides 'Roseum'	Japanese hydrangea	10	60/70	7>9		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Jo'DC'	Jasminum officinale Devon Cream	Jasmine	10	60/70	6>8		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Ljr	Lonicera japonica var. repens	Japanese hHoneysuckle	10	60/70	4>8		Mulitple stems, well rooted, strong leaders, min 3 brks					
C.Tj	Trachelospermum asiaticum	Star Jasmine	10	60/70	6>8		Mulitple stems, well rooted, strong leaders, min 3 brks					

BULBS

Abbrev	Variety	Common Name	Bulb Size	Height x Spread cm	Flowering Period	Group/swathe Quantity	Notes				Plants for Pollinators	No.
Bulbs to be planted in same species, natural, 'self-seeded' swathes. See individual specification of quantity of bulbs within swathe.												
B.Npr	Narcissus poeticus var. recurvus	Pheasant's Eye	10/12cm	35	3>5		Firm, undamaged bulbs.	Y				
B.T'C'	Tulipa sylvestris	Wild Tulip	11/12cm	60	4>5		Firm, undamaged bulbs.	Y				

MEADOW MIXES

Abbrev	Variety	Notes	Plants for Pollinators	No.
To be laid as per manufacturers/suppliers instructions				
EM3	Emorsgate : Special General Purpose Meadow Mixture	Emorsgate EM3	Y	
EM8	Emorsgate : Meadow Mixture for Wetlands	Emorsgate EM8	Y	
EM1	Emorsgate : Hedgerow Mixture	Emorsgate EM1	Y	
EP1	Emorsgate : Pond Edge Mixture	Emorsgate EP1	Y	
EL1	Emorsgate : Flowering Lawn Mixture	Emorsgate EL1	Y	
JC1	John Chambers : Heritage Wetland Areas Mix	John Chambers Seed Listings	Y	
JC2	John Chambers : Heritage Wet and Damp Soils Mix	John Chambers Seed Listings	Y	
JC3	John Chambers : Professional Wet and Moist Soils Mix	John Chambers Seed Listings	Y	
JC4	John Chambers : Pro Basic 25 Mix	John Chambers Seed Listings	Y	
JC5	John Chambers : Heritage Woodland Edge Mix	John Chambers Seed Listings	Y	
JC6	John Chambers : Professional Woodland Mix	John Chambers Seed Listings	Y	

LOCATION PLAN
Scale 1:1250

GENERAL PLANTING SPECIFICATION

It is the responsibility of the developer to design foundations to accommodate all existing and proposed tree and shrub planting, with reference to the NHBC Standards Chapter 4.2 (Building near Trees).

Where any deviation from the landscape proposals or specification occurs within a scheme, the contractor shall request the relevant detail from the designer prior to proceeding.

All planting operations shall be carried out in accordance with; Trees from nursery to independence in the landscape BS 8545, and General landscape operations BS 4428.

1. Plant material to conform to the National Plant Specification. All plant stock to originate from within the UK. Plant handling and planting operations to be in accordance with HTA `Handling and Establishing Landscape Plants', Parts I- III.
2. Planting beds and tree pits shall be weed free prior to the commencement of planting operations. Hand weed or apply an approved translocated systemic herbicide to the manufacturers instructions and to 1997 Control of Pesticides Regulations and 2003 COSHH regulations.
3. Topsoil to be fertile with maximum 35% clay content and 5% minimum organic content, pH 5.8 - 7.5 and to be free of perennial weeds, weed seeds and contamination. Maximum stone content 20% (20mm+ particle size), maximum size of stones 50mm in any direction. Existing topsoil to be ameliorated and/or screened if necessary to achieve this specification.

The identification of topsoil and subsoil resources on site will be required to inform the detailed design of tree pits and planting beds, including the depth of topsoil horizons and the requirement for amelioration of the growing medium, prior to planting. All site/ existing topsoils/ subsoils will be subject to detailed testing in accordance with BS 3882 & BS 8601. All storage/ stripping to comply with the British Standard. If modifications to the soil are necessary, soil ameliorants will be used sparingly. Ideally the soil dug from the excavated pit should be used as the backfill medium and as far as practicable, replicate the horizons within the original soil profile.

Imported topsoil to be to BS 3882:2015 Multi Purpose Grade, from an approved source, and to accord with the above specification. Refer to the landscape drawings for specific purpose topsoils.

TREES:

4. Trees in planting areas to be planted in pits minimum 1200 x 1200 and 500mm wider than the rootball. Backfilled with topsoil mixed with peat free organic tree planting compost and 'Sierrablen Flora' slow release fertiliser, as required in accordance with manufacturers instructions. Unless otherwise specified trees to be supported by 2 no. 50mm x 2000mm long softwood timber stakes, cut to 600mm* height above ground level (position of stakes dependant on size of rootball. *Staking height to be $\frac{1}{3}$ of height of proposed tree), with 2no. flexible rubber webbing tree ties and spacers. Backfilling of tree pits will be carried out in layers, using the backfilling medium specified. As backfilling proceeds the tree pit walls will be broken down to a distance of 500 mm beyond the edge of the rootball in all directions, thoroughly watered to expel air pockets and with due allowance being made for subsequent settlement. The natural thickening between the trunk and the root flare shall be at the finished top surface of the planting medium and shall not be buried by excess soil. The nursery grade should be the finish planting level.
5. Trees in grass areas to be surrounded by 1000mm Ø circle of bark mulch, 75mm depth. The root flare and base of the stem should be maintained free from mulch.
6. All nursery standard trees are to be fitted with irrigation pipe and inlet, sized as appropriate.
7. No trees are to be planted within 3m of sewers or services (or other easement recommended by the relevant statutory undertaker) without the use of tree root barriers, eg. `Greenleaf' Reroot 600 /100 placed between the tree and services. The top edge of the root barrier should finish 10mm above any growing media or be encapsulated into the concrete haunch of the adjacent edgings. Contractor to ascertain the location of all sewers and services prior to tree planting.

PLANTING BEDS:

8. Planting beds to have a minimum depth of 450mm topsoil over 150mm broken up existing ground with all stones over 50mm removed. If importing soils a minimum of 550mm multipurpose subsoil is required below the topsoil layer.
9. Soil conditioner: Sanitized and stabilised compost to BSI PAS 100. Apply 50mm depth even coverage and incorporate into topsoil during cultivation operations, to a minimum depth of 150mm. Compost to be Compost Association certified, or from an approved supplier conforming to this specification. If no local supplies are available an alternative organic peat free compost may be specified, subject to the Landscape Architect's approval.
10. Shrubs to be planted in pits 150mm wider and deeper than root spread backfilled with excavated topsoil/compost, mixed with `Sierrablen Flora' slow release fertiliser, quantity in accordance with manufacturer's recommendations.
11. All planting beds to be mulched with matured coniferous bark, with an even particle size between 15 - 50mm, to a minimum depth of 75mm over weed free soil after completion of all planting and watering operations. Mulch to be free of pests, diseases, fungus and weeds, and with no fines or dust. Mulch source and sample to be approved.
12. Native hedge planting to be protected from rabbit damage with "Tubex" spiral guards, or Net guards for bushy shrub species.

GRASS AREAS:

13. Amenity grass areas are to have a minimum depth of 150mm topsoil brought to a fine tilth all stones over 40mm (25mm for lawns), in any direction removed. If importing soils a minimum of 550mm multipurpose subsoil is required or 150mm broken up existing ground below the topsoil layer. Areas should be uniformly firmed. Pre-seeding fertiliser, eg. British Seed Houses BSH2 to be applied prior to grass seeding in accordance with manufacturer's recommendations.

TIMES OF YEAR FOR PLANTING:

14. Deciduous trees and shrubs: Late October to late March.
Conifers and evergreens: September/ October or April/ May.
Herbaceous plants (including marginal): September/ October or March/ April.
Container grown plants: At any time if ground and weather conditions are favourable.
- Watering and weed control: Provide as necessary.
Dried bulbs, corms and tubers: September/ October.
Colchicum (crocus): July/ August.
Green bulbs: After flowering in spring.
Grass seeding: April to October Turf: Autumn or early winter (but can be done year round if enough water provided.)
15. Any stock planted outside the recognised planting season to be containerised.
16. Containerised plant stock will have a fully developed root system within the specified pot size.

MAINTENANCE NOTES

17. Maintenance operations to be carried out as specified until planting becomes established (year 5 after planting).
18. Trees - inspect soil around newly planted trees should be regularly inspected for soil capping and compaction. Remedial action should be taken as necessary. Check stakes and ties and adjust if necessary in summer and winter. Remove stakes when no longer required, i.e. after 3 years. Prune out damaged branches or deadwood, cutting back so as not to affect branch collar. Progressively raise canopies of new trees to provide clearance for vehicles and pedestrians.
19. Shrubs - Weed control measures to continue until canopy of shrubs is closed. Weeds to be cleared by hand or by application of translocated herbicide, with inspections made regularly through the growing season. Prune back any badly damaged shrubs to sound growth. Cut back plants adjacent to paths and access ways where necessary, retaining a balanced shape. Clear litter and debris from planted areas and cut leggy growth hard back to promote bushy growth.
20. Mulches - replenish to original depth and hand-weed as necessary, at least once annually.
21. Watering - In periods of dry weather apply sufficient water to maintain healthy growth. Allow 10L/m2 to planting beds and 20/L per tree, twice a week, during the growing season (based on 800mm dia. rootball). Irrigation operations to be carried out for two full growing seasons.
22. Refirming - Ensure that all trees and shrubs are firmly bedded in the ground after strong winds, frost heave or other disturbances.
23. Hedges - Prune hedge annually during winter period to shape and/or promote bushy growth.
24. Grass Areas - Remove litter, twigs and debris prior to first cut of each Spring. Mow lawn areas regularly, cutting to a height of 35mm, allowing 16 cuts per season. Wildflower meadows and areas under tree canopies to be cut 4 times to a height of 50mm or greater in the first season, and thereafter 3 times. All arisings to be removed.
25. Protection/Reinstatement - Regularly inspect all planting and grassed areas, eg. once a month, for any pest damage or vandalism/damage caused by others. Any damaged to be reported to the Employer and rectified in the next available season by replacement planting or reseeding/ turfing, and protective measures if required.

MANAGEMENT NOTES

26. Existing trees to be retained are to be protected by fencing to BS 5837:2012, erected prior to construction commencing and maintained during building operations.
27. Tree surgery to be carried out by an approved contractor in accordance with BS 3998:2010 and with the prior permission of the Local Authority. Existing trees are to have major deadwood and broken branches removed for safety reasons.

N

PLANNING ISSUE

Project
One Horton Heath
Holme & Homestal

Drawing Title
Planting Plan: Overview Plan
The Holme

Date	Scale	Drawn by	Check by
31.03.26	NTS @A0	CC/LA	RMcW

Project No	Drawing No	Revision
332612639	STA-13-ZZ-DR-L-2610	D

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