



Trees for Public Open Space						
Abbrev.	Botanical Name	Common Name	Girth Dia. cm	Height cm	Root Zone	Specification
A gl	Alnus glutinosa	Common Alder	16-18	425-600	B	3x, Large Feathered
B pe	Betula pendula	Common Silver Birch	16-18	400-450	RB	3x, EHS, clear stem min. 200cm
B pub	Betula pubescens	Drooping Birch	16-18	400-450	RB	3x, Large Feathered
P av	Prunus avium	Wild Cherry	16-18	400-450	B	3x, EHS, clear stem min. 200cm
Q r	Quercus robur	Common Oak	12-14	350-425	RB	3x, HS, clear stem 175-200cm, 5 brks
S c	Salix caprea	Goat Willow	16-18	450-500	RB	3x, EHS, clear stem min. 200cm
T co	Tilia cordata	Small-leaved Lime	16-18	400-450	B	3x, EHS, clear stem min. 200cm

Street Trees						
Abbrev.	Botanical Name	Common Name	Girth Dia. cm	Height cm	Root Zone	Specification
A ca	Acer campestre	Common Maple	16-18	400-450	B	3x, EHS, clear stem min. 200cm, 5 brks
C be	Carpinus betulus	Common Hornbeam	16-18	400-450	80-100L	EHS, clear stem min. 200cm
C be F	Carpinus betulus 'Fastigata'	Fastigate Hornbeam	16-18	400-450	RB	3x, EHS, clear stem min. 200cm
P 'sn'	Prunus 'Nanangowar'	Lombardy Cherry	16-18	350-425	45-65L	EHS, clear stem 100-150cm, 5 brks
S an L	Sorbus aria 'Lutescens'	Whitebeam 'Lutescens'	14-16	400-450	B	3x, EHS, clear stem 175-200cm, 5 brks
S auc	Sorbus aucuparia	Rowan	16-18	400-450	B	3x, EHS, clear stem min. 200cm

Ornamental Feature Trees						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
A gr	Acer glabrum	Paper-bark Maple	B	2x, LS, clear stem 100-125cm, 2 brks		
A R H	Ameiarcher x grandiflora 'Robin Hill'	Snowy Mespilus 'Robin Hill'	RB	3x, EHS, clear stem min. 200cm		
A lam	Ameiarcher lamarkii	Juneberry	RB	3x, HS, clear stem 175-200cm, 5 brks		
K pa	Koeleruteria paniculata	Golden Rain Tree	RB	3x, EHS, clear stem min. 200cm		
M x	Magnolia kobus	Northern Japanese Magnolia	RB	3x, EHS, clear stem 150-175cm, 5 brks		
S J H	Sorbus 'Joseph Rock'	Rowan 'Joseph Rock'	B	2x, LS, clear stem 150-175cm, 3 brks		

Orchard Trees						
Abbrev.	Botanical Name	Common Name	Girth Dia. cm	Height cm	Root Zone	Specification
M d B S	Malus domestica 'Bramley's Seedling'	Apple 'Bramley's Seedling'	14-16	400-450	RB	3x, EHS, clear stem 175-200cm, 5 brks
M d B S	Malus domestica 'Golden Delicious'	Golden Delicious apple	14-16	400-450	RB	3x, EHS, clear stem 175-200cm, 5 brks
P v V	Prunus domestica 'Victoria'	Plum 'Victoria'	12-14	350-425	45-65L	HS, clear stem 175-200cm, 5 brks
P com	Pyrus communis 'Beurre Hardy'	Pear 'Beurre Hardy'	14-16	425-600	RB	3x, EHS, clear stem 175-200cm, 5 brks
P com	Pyrus communis	Common Pear	14-16	425-600	RB	3x, EHS, clear stem min. 200cm

Native Hedge Planting						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
C san	Cornus sanguinea	Common Dogwood	B	1+1, Transplant - seed raised, branched, 3 brks		
E e	Euroynthus europaeus	Common Spindle Tree	2L	Branched, 3 brks		
F s	Fagus sylvatica	Common Beech	2L	1+2, Transplant - seed raised, 2 brks		
L per	Lonicera periclymenum	Common Honeysuckle	2L	Caned, several shoots, 2 brks		
V op C	Viburnum opulus	Guelder Rose	3L	4x, leaders, 1 feathered to base		
V op C	Viburnum opulus	Guelder Rose	3L	Bushy, 5 brks		

Native Shrub Mix for Boundary Enhancement						
Abbrev.	Botanical Name	Common Name	Girth Dia. cm	Height cm	Root Zone	Specification
C san	Cornus sanguinea	Common Dogwood		40-60	3L	Branched, 4 brks
C av	Corylus avellana	Common Hazel		60-80	3L	Branched, 3 brks
C mon	Crataegus monogyna	Common Hawthorn		60-80	3L	1+1, Transplant - seed raised, branched, 4 brks
E e	Euroynthus europaeus	Common Spindle Tree		40-60	3L	Branched, 4 brks
L ex	Lex aquatilis	Common Holly		40-60	3L	Bushy, 3 brks
P sp	Prunus spinosa	Blackthorn		40-60	3L	Branched, 5 brks
R can	Rosa canina	Dog Rose		40-60	3L	Branched, 5 brks
S ni	Sambucus nigra	Common Elder		60-80	B	1+1, Transplant - seed raised, branched, 3 brks
V op	Viburnum opulus	Guelder Rose		40-60	3L	Branched, 4 brks

Native Shrub Mix						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
C san	Cornus sanguinea	Common Dogwood	3L	Branched, 4 brks		
C av	Corylus avellana	Common Hazel	3L	Branched, 3 brks		
L vu	Ligustrum vulgare	Common Privet	3L	Branched, 4 brks		
L per	Lonicera periclymenum	Common Honeysuckle	3L	Caned, several shoots, 3 brks		
V i	Viburnum lantana	Wayfaring Tree	3L	Branched, 4 brks		
V op	Viburnum opulus	Guelder Rose	3L	Branched, 4 brks		

Rain Garden mix						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
C x a 'K F'	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass 'Karl Foerster'	5L	Full pot		
E c w	Euphorbia characias wulfenii	Dalmatian Spurge	5L	Full pot		
H arg	Helianthus argenteifolius	Coriscan Helibore	5-7.5L	Full pot		
L s T R	Ligularia stercophala 'The Rocket'	Leopard Plant 'The Rocket'	3L	Full pot		
L iv	Luzula nivea	Snowy Woodrush	3L	Full pot		
P a D R'	Persicaria affinis 'Darjeeling Red'	Knotted 'Darjeeling Red'	5-7.5L	Full pot		
S ac	Sedum acre	Bling Stonecrop	1L	Full pot		
S J A W	Spiraea japonica 'Anthony Waterer'	Japanese Spiraea 'Anthony Waterer'	5-7.5L	Branched, 7 brks		
V b	Verbena bonariensis	Argentinian Vervain	3L	Full pot		
V ma V	Verica major 'Variegata'	Variegated Greater Pteriswinkle	3L	Several shoots, 3 brks		

Native Aquatic Planting						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
A p-a	Alisma plantago-aquatica	Water Plantain	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
B u	Butomus umbellatus	Flowering Rush	20cc min.	Plug, established root, June to Sept planting, British native-origin		
C den	Ceratophyllum demersum	Rigid Hornwort	20cc min.	Plug, established root, British native origin		
G max	Glyceria maxima	Reed Sweet Grass	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
H p	Hottonia palustris	Water Violet	20cc min.	Plug, established root, April to August planting, British native-origin		
M aq	Mentha aquatica	Water Mint	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
M r	Menyanthes trifoliata	Blowbean	120cc	Root Trainer, well rooted, Sept to April planting, British native-origin		
P ex	Potentilla palustris	Marsh Cinquefoil	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
V be	Veronica beccabunga	Brooklime	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		

Native Marginal Planting for Basin and Swale						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
A sy	Angelica sylvestris	Wild Angelica	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
B f	Balabella ranunculoides	Lesser Water Plantain	50cc min.	Plug, established root 2-3 months min., June to Sept planting, British native-origin		
C pr	Callitha palustris	Marsh Marigold	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
C pr	Cardamine pratensis	Lady's Smock	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
C ot	Carex otrubae	False Fox Sedge	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
C pe	Carex pendula	Pendulous Sedge	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
F u	Filipendula ulmaria	Meadowsweet	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
G ri	Gum rivale	Water Awns	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
H ie	Hypericum tetrapterum	Square-stalked St John's Wort	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
I p	Iris pseudocorus	Yellow Flag Iris	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
L y v	Lysimachia vulgaris	Yellow Loosestrife	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
M aq	Mentha aquatica	Water Mint	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
M ac	Myosotis scorpioides	Water Forget-me-not	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
P au	Phragmites australis	Common Reed	50cc min.	Plug, established root 2-3 months min., June to Sept planting, British native-origin		
P ve	Primula veris	Cowslip	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
R f	Ranunculus flammula	Lesser Spearwort	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
S r	Stelma fls-cucul	Ragged Robin	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
S pal	Stachys palustris	Marsh Yarrowwort	50cc min.	Plug, established root 2-3 months min., Sept to April planting, British native-origin		
T la	Typha latifolia	Bulrush	50cc min.	Plug, established root 2-3 months min., June to Sept planting, British native-origin		

Ornamental Mix 1 (sunny formal)						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
A n 'X'	Avya nectans 'Aeropurpurea'	Bronze Bugle	2L	Full pot		
A M E'	Allium 'Mount Everest'	Ornamental Onion 'Mount Everest'	2L	Full pot		
A P S'	Allium 'Purple Sensation'	Ornamental Onion 'Purple Sensation'	2L	Full pot		
D ca	Deschampsia cespitosa	Tufted Hair Grass	3L	Full pot, Sept to April planting, British native-origin		
E pu W S'	Echinacea purpurea 'White Swair'	Purple Coneflower 'White Swair'	3L	Full pot		
H m P P'	Heuchera micrantha 'Palace Purple'	Coral Flower 'Palace Purple'	3L	Full pot		
L ni M	Lonicera nitida 'Mag'unt'	Box Honeysuckle 'Mag'unt'	5L	Bushy, 8 brks		
S n C'	Salvia nemorosa 'Caradonna'	Balkan Clary 'Caradonna'	3L	Full pot		
T W T'	Tulipa 'White Triumphator'	Tulip 'White Triumphator'		Grade 10/11		

Ornamental Mix 2 (sunny informal)						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
C te	Carex testacea	Orange New Zealand Sedge	3L	Full pot		
C al K'	Cornus alba 'Kesselringi'	Dogwood 'Kesselringi'	5L	Branched, 4 brks		
C r E'	Crossosma 'Emberglow'	Montrose 'Emberglow'	3L	Full pot		
E g F'	Euphorbia griffithi 'Fringlow'	Spurge 'Fringlow'	3L	Full pot		
H e A'	Helianthus autumnalis	Common Sneezeweed	3L	Full pot		
H B F'	Helianthemum 'Ben Fhada'	Rock Rose 'Ben Fhada'	1L	Full pot		
H S F'	Heimerocallis 'Stafford'	Daylily 'Stafford'	3L	Full pot		
P v R'	Panicum virgatum 'Ratibraun'	Red Switch Grass 'Ratibraun'	3L	Full pot		
T R R H'	Tulipa 'Red Riding Hood'	Tulip 'Red Riding Hood'		Grade 10/11		

Ornamental Mix 3 (shady formal)						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
A H'	Asterbe 'Hyacinth'	False Goatbeard 'Hyacinth'	3L	Full pot		
C tom	Crocus tommasinianus	Early Crocus		Grade 5/7		
D f m	Dryopteris filix-mas	Male Fern	3L	Full pot		
G n	Galanthus nivalis	Common Snowdrop		Grade 3.5/4		
H m A'	Hebe xanthophylla 'Aureola'	Golden Japanese Forest Grass	3L	Full pot		
H r	Hebe rakaiensis	Rakai Hebe	10L	Bushy, 9 brks		
H se e	Hebe sieboldiana elegans	Platanus Lily elegans	3L	Full pot, 2 buds		
H n s	Hyacinthoides non-scripta	English Bluebell		Grade 6/7		
H a A'	Hydrangea arborescens 'Annabelle'	Sevenbark 'Annabelle'	10L	Branched, 7 brks		
P o h	Polygonatum x hybridum	Garden Solomon's Seal	3L	Full pot		
S by	Stachys byzantina	Lamb's Ears	2L	Full pot		

Ornamental Mix 4 (shady informal)						
Abbrev.	Botanical Name	Common Name	Root Zone	Specification		
A do	Arunco docos	Goats Beard	3L	Full pot		
A Fa'	Asterbe 'Fanal'	False Goatbeard 'Fanal'	3L	Full pot		
B co	Bergenia cordifolia	an Elephant's Ears	3L	Full pot		
C ler	Choisya ternata	Mexican Orange Blossom	7.5L	Bushy, 5 brks		
E s	Eranium stenophyllum	Narrow-leaved Foxtail Lily	0.5L	Full pot		
F ga	Fothergilla gardenii	Witch Alder	5-7.5L	Bushy, 7 brks		
F me	Fritillaria meleagris	Snail's Head Fritillary	0.3L	Full pot, Sept to April planting, British native-origin		
P se	Polysetchum seiferum	Soft Shield Fern	5L	Full pot		
R pi	Rodgersia pinnata	Feathered Bronze Leaf	3L	Full pot, 1 or 2 buds		
S n C'	Salvia nemorosa 'Caradonna'	Balkan Clary 'Caradonna'	3L	Full pot		
T c	Tiarella cordifolia	a Foam Flower	2L	Full pot		

PLANTING NOTES

General

- Plant material shall be in accordance with the National Plant Specification. Plant handling and planting operations shall follow the guidelines in HTA 'Handling and Establishing Landscape Plants', Parts I-III.
- Imported topsoil (if required) shall meet BS 3682 Multipurpose Grade standards and be sourced from an approved supplier. Existing topsoil for re-use must contain no more than 35% clay and at least 5% organic matter, with a pH range of 5.5-8.5. It must also be free from perennial weeds, weed seeds, and contaminants, with a maximum stone content of 20% (>20mm particle size) and individual stones no larger than 50mm in any dimension. Ameliorate or screen existing topsoil as necessary to meet these specifications.
- Soil conditioner: Apply a