Public Realm and Street Trees

Botanical Name	Code	Form	Clear Stem	Height	Girth / Form	Root Cond.	Support	Qty	Notes
Acer platanoides 'Ebben's Column'	Ap	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed	5	General note for all trees: trees specified as rootball for installing within planting season. If trees are planted from April to October, containerised stock must be used. *Trees for wind mitigation.
Amelanchier canadensis	Ac	Multi-stem	Brushed up to 0.5-1m	2.5-3.0m	Umbrella form	RB	Underground guyed	14	
Acer campestre 'Elsrijk'	AcE	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed	2	
Betula utilis jacquemontii	Buj	Multi-stem	Brushed up to 0.5-1m	2.5-3.0m	Umbrella form	RB	Underground guyed	15	
Carpinus betulas 'Frans Fontaine'	CbF	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed	2	
Gleditsia triacanthos 'Speczam'	GtS	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed	1	
Liquidambar styraciflua	Ls	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed	1	
*Pinus nigra **	Pn	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed and triple stake	3	
Pyrus calleryana 'Chanticleer'	PcC	Clear stem	2.2-.2.5m	4.5-5.5m	20-25cm - Semi mature	RB	Underground guyed	5	
Tilia cordata 'Greenspire'	TcG	Clear stem	2.2-.2.5m	5.0-6.0m	25-30cm - Semi mature	RB	Underground guyed	2	

Private Courtyard Trees

Botanical Name	Code	Form	Clear Stem	Height	Girth / Form	Root Cond.	Support	Qty	Notes
Acer monspessulanum	Amo	Multi-stem	Brushed up to 1m	3.0-3.5m	Umbrella form	RB	Underground guyed	2	General note for all trees: trees specified as rootball for installing within planting season. If trees are planted from April to October, containerised stock must be used.
Betula albosinensis 'Fascination'	BaF	Multi-stem	Brushed up to 1m	3.0-3.5m	Umbrella form	RB	Underground guyed	2	
Syringa josikaea	Sj	Multi-stem	Brushed up to 1m	3.0-3.5m	Umbrella form	RB	Underground guyed	2	

Sedum matting (Q37-130)

Product	Supplier	Total area
SB Sedum Blanket Extensive Green Roof System	Bauder	30.6m²

Planting for Wharf Gardens (tolerant of full sun to partial shade)

Code	Botanical Name	Height (cm)	Min. container size (Litre)	Density	Location	Quanitity
AhS	Anemone x hybrida 'Serenade'	30-40	2L	5/m²	M/B	145
Bp	Bergenia purpurascens	40-50	2L	7m²	M/B	206
Bo	Bistorta officinalis	40-50	2L	7m²	E/M	190
CfBZ	Carex flacca 'Blue Zinger'	20-30	2L	7/m²	E/M	86
CSS	Carex 'Silver Sceptre'	30-40	2L	5/m²	E/M	355
CAP	Choisya 'Aztec Pearl'	50-60	5L	5/m²	M/B	107
Cs	Cornus sanguinea	40-60	5L	3/m²	E/M	15
Ca	Corylus avellana	60-80	5L	3/m²	E/M	15
Cm	Crataegus monogyna	90-120	5L	3/m²	E/M	11
Cg	Cephalaria gigantea	100-120	2L	5/m²	M/B	33
Cau	Crocosmia aurea	50-60	2L	5/m²	M/B	39
Dc	Deschampsia cespitosa	30-40	2L	5/m²	M/B	129
EeL	Elaeagnus x ebbingei 'Limelight'	100-120	5L	3/m²	M/B	11
Gm	Geranium macrorrhizum	20-30	2L	7/m²	E/M	345
Gs	Geranium sanguineum	20-30	2L	7/m²	E/M	363
Ia	Ilex aquifolium	60-90	5L	3/m²	M/B	11
Lsa	Lythrum salicaria	50-60	2L	7/m²	M/B	98
LsSF	Luzula sylvatica 'Solar Flair'	30-40	2L	5/m²	E/M	405
Ms	Miscanthus sinensis	30-40	2L	5/m²	M/B	91
MBC	Monarda 'Beauty of Cobham'	50-60	2L	7/m²	M/B	70
Rf	Rudbeckia fulgida	50-60	2L	5/m²	M/B	65
Sn	Salvia nemorosa	20-30	2L	5/m²	M/B	80
Sni	Sambucus nigra	100-120	5L	3/m²	E/M	11
So	Sanguisorba officinalis	20-30	2L	5/m²	E/M	154
Sa	Sesleria autumnalis	50-60	2L	5/m²	M/B	230
SjR	Skimmia japonica Rubella	30-40	5L	5/m²	M/B	219

Plant location: E = Edge of bed(Front edge). M = Middle of bed. B = Back of bed

Planting for private courtyard (tolerant full shade to partial shade)

Code	Botanical Name	Height (cm)	Min. container size (Litre)	Density	Location	Quantity
Am	Alchemilla mollis	30-40	2L	5/m²	E/M	51
AhHJ	Anemone x hybrida 'Honorine Jobert'	100-120	2L	5/m²	M/B	29
Bc	Bergenia cordifolia	30-40	2L	5/m²	E	142
Cm	Carex morrowii	30-40	2L	5/m²	E/M	112
GoWP	Geranium x oxonianum 'Wargrave Pink'	30-40	2L	5/m²	E/M	76
Gm	Geranium macrorrhizum	20-30	2L	5/m²	M/B	59
Lsy	Luzula sylavatica	30-40	2L	5/m²	M/B	70
Me	Milium effusum 'Aureum'	30-40	2L	5/m²	E/M	124
Pp	Polystichum polyblepharum	30-40	2L	3/m²	M/B	37
Pts	Polystichum tsussimense	30-40	2L	5/m²	E	7
ScKG	Skimmia x confusa 'Kew Green'	60-70	7.5L	As shown	M/B	3
Vd	Viburnum davidii	30-40	5L	3/m²	M/B	20

Plant location: E = Edge of bed(Front edge). M = Middle of bed. B = Back of bed

Planting for beneath building overhang (tolerant of full shade)

Code	Botanical Name	Height (cm)	Min. container size (Litre)	Density	Location	Quantity
Ae	Asarum europaeum	10-20	2L	7/m²	E	6
As	Asplenium scolopendrium	10-20	2L	7/m²	E	14
Bs	Bergenia 'Silberlicht	10-20	2L	5/m²	E/M	20
Bm	Brunnera macrophylla	10-20	2L	7/m²	E	9
Ea	Euphorbia amygdaloides var. robbiae	30-40	2L	5/m²	M/B	6
Fj	Fatsia japonica	100-150	10L	As shown	M/B	3
Ln	Luzula nivea	30-40	2L	5/m²	E/M	15
OjN	Ophiopogon japonicus Nana	10-20	2L	7/m²	E	20
Pt	Pachysandra terminalis	10-20	2L	7/m²	E	40
Pit	Pittosporum tenuifolium	40-50	7.5L	As shown	M/B	3
Ps	Polystichum setiferum	50-60	2L	3/m²	M/B	5
Pts	Polystichum tsussimense	30-40	2L	3/m²	M/B	12
ScKG	Skimmia x confusa 'Kew Green'	30-40	5L	3/m²	M/B	6

Plant location: E = Edge of bed(Front edge). M = Middle of bed. B = Back of bed

General Notes

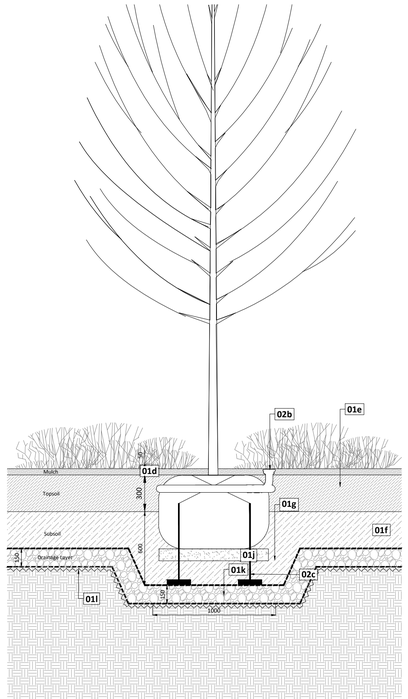
1. All dimensions in mm, unless otherwise stated.
2. Scaling from drawing if printed incorrectly may lead to errors.
3. All information outside red line boundary shown for contextual purpose only.
4. Landscape architect and landscape contractor to undertake a briefing meeting prior to installation of soft landscape to discuss and agree approach and principles as defined below.
5. This drawing is to be read in conjunction with the following re-form landscape architecture documentation:
   - ZO-REF-G710-SP-GRD-0894-0002
   - ZO-REF-G710-SP-GRD-0894-0003
   - ZO-REF-G710-HS-GRD-0894-0001
   - Also refer to any drawings cross referenced in the key.

Soft Landscape Notes

5. **Contractor to liaise with Nursery to facilitate tree tagging visits by landscape architect prior to delivery of trees to site**
6. All topsoil for the landscaping must be in accordance with the latest British Standards, BS 3882:2015. A depth of 300mm of topsoil shall be spread over planting areas.
7. All subsoil to be in accordance with BS8601:2013. 300mm of subsoil to ornamental planting areas and 600mm to tree pits.
8. Tree pits to include 150mm depth of free draining gravel wrapped in geotextile membrane to base of pit.
9. The base to all planting areas to be broken up / loosened and debris removed to promote good drainage
10. Container Grown Plants: To comply with the National Plant Specification. Shrubs shall be planted in pits min. 300 x 300 x 200mm depth. Roots are to be fully submerged beneath topsoil.
11. Mulch: All Planting beds to receive 50mm ornamental bark mulch.
12. Watering: Plant only into moist soil and water thoroughly to the full depth of soil immediately after planting.
13. Any proposed plant substitution shall be agreed with the landscape architect prior to ordering

Important Planting Setting Out Notes

14. **Landscape architect and landscape contractor to undertake briefing session prior to installation of planting**
15. **Landscape contractor and Landscape Architect to undertake initial setting out session on site to determine principles**
16. Plants to be installed in species groups comprising 3-7nr of an individual species.
17. Species groups to be interspersed amongst the designated bed and separated by other species groups. Care must be taken to ensure an even spread of species throughout the extent of each bed.
18. Species groups to be installed either to the edge or middle of the designated bed as defined within the schedules as E or M or B.
19. All plants to be installed in a evenly spaced, staggered matrix avoiding visible rows.
20. Contractor to ensure site personnel have competence in plant knowledge and interpretation of planting plans.



0015 01 Typical tree in soft landscape 1:25
(for tree pits using soil cells, refer to drawing Z0-REF-G710-DE-GRD-0894-8014)

01 Planting and growing medium
01a Proposed tree (Q31)

01b Proposed planting (Q31)

01c Turf (Q31-231)

01d Ornamental bark mulch (Q31)
Depth: 50mm
Set 25mm below adjacent hard surface

01e Topsoil to planting areas and tree pits (Q28-315)
Depth: 300mm

01f Subsoil to ornamental planting (Q28-316)
Depth: 300mm

01g Subsoil to tree pit (Q28-316)
Depth: 600mm

01h Topsoil to lawn (Q28-315)
Depth: 150mm

01i Subsoil to lawn (Q28-316)
Depth: 300mm

01j Coarse washed sand to base of rootball to aid drainage Depth: 100mm (Q31-516)

01k Gravel drainage layer wrapped in permeable geotextile membrane (Q31-516)
Extent subject to confirmation of remediation strategy
Depth: 150mm

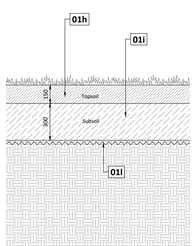
01l Formation broken up and loosened, debris removed to aid drainage (Q31-516)
Depth: 150mm

02 Tree Accessories
04a Tree collar (Q31-520)

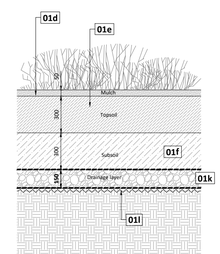
02b Aeration/ Irrigation system (Q31-512)

02c Underground guying system (Q31-526)

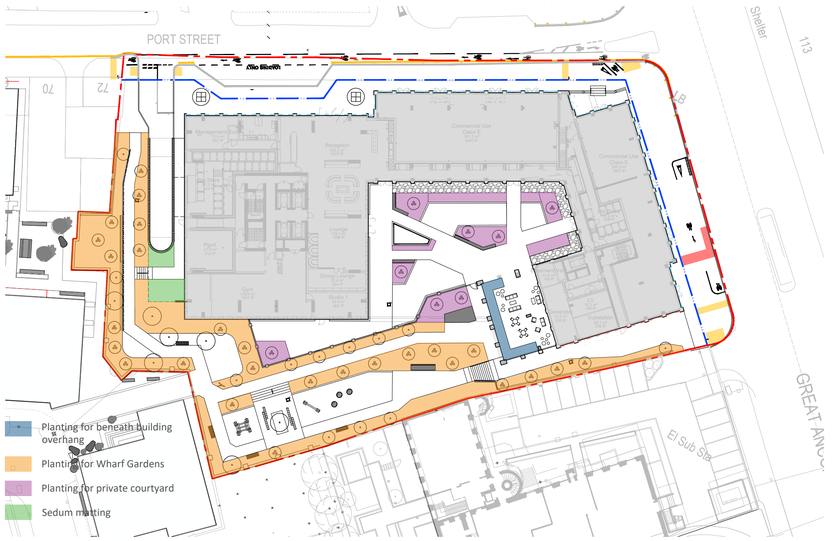
02d Cellular structural soil system (Q31-520)



0015 02 Typical lawn planting 1:25



0015 03 Typical ornamental planting 1:25



0015 04 Location plan 1:500

Scale 1:25
0m 0.5m 1m 2m

Scale 1:500
0m 10m 20m 30m 40m

Date	Description of revision	Drawn	Checked	Approved	Revision
25.06.25	Key plan updated to reflect updates to planting layout outside gym, and to sedum/planting layout adjacent to wind mitigation screen. Plant quantities updated accordingly.	JR/NSH	MS	MS	C05

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PLANTING SCHEDULES AND DETAILS

Paper size A1
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Status FOR REVIEW AND COMMENT S3
Drawing number Z0-REF-G710-PL-GRD-0894-0015
Revision C05

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