

**Agar Grove
Public Realm**

Plant Schedules

AGC377-GRA-1C-XX-SH-9001 Rev C2
FOR CONSTRUCTION

07.12.2022

Revisions shown in red

1.0 PUBLIC REALM & COURTYARDS: TREES

Item	Species	Habit / Form	Age/Condition / No. times transplanted	Girth (cm)	Overall height (cm)	Clear Stem height (cm)	Root Condition	Notes/Min No. of major lateral branches	No. Required
Agar Grove:									
1.1	<i>Tilia cordata</i> Small leaved lime	Standard form Clear Stem (Semi-mature)	4x	50-60	Min 650	Min 210	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	1
1.2	<i>Alnus cordata</i> Italian alder	Standard form Clear Stem (Semi-mature)	4x	40-45	Min 650	Min 210	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	4
Garden Squares - Specimen Trees:									
1.3	<i>Corylus colurna</i> Turkish hazel	Standard form Clear Stem (Semi-mature)	4x	30-35	Min 650	Min 210	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	8

Item	Species	Habit / Form	Age/Condition / No. times transplanted	Girth (cm)	Overall height (cm)	Clear Stem height (cm)	Root Condition	Notes/Min No. of major lateral branches	No. Required
Garden Squares - Fruiting and Flowering Trees:									
1.4	<i>Pyrus calleryana</i> 'Chanticleer' Ornamental Pear	Standard form; Clear Stem (Semi-mature)	4x	30-35	Min 450	Min 210	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	11
1.5	<i>Pinus Nigra</i> Black Pine	Standard form Clear Stem (Semi-mature)	5x	50-60	Min 500	Min 210	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location; <i>Individual specimen tree.</i> <i>To be selected for form and character with Landscape Architect approval.</i>	1
1.6	<i>Magnolia x loebneri</i> 'Leonard Messel' Magnolia 'Leonard Messel'	Standard form Clear Stem (Semi-mature)	4x	25-30	Min 400	Min 180	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	2
1.7	<i>Malus domestica</i> 'Discovery' Apple 'Discovery'	Standard form	4x	20-25	250-300	Min 150	CG; 200L, M26 rootstock	Good even dense canopy spread; Min. 7 No. main stems; Well balanced crown; Group 3 pollinator; Refer to drawings for location.	2
1.8	<i>Pyrus communis</i> 'Doyenne du Comice' Pear 'Doyenné du Comice'	Maiden	/	/	Min 100	/	RB	Trained as espalier form; Good even dense, balanced form; Min. 9 No. main stems; Refer to drawings for location.	Density: Approx. 2.0m centres against supporting post & wire espalier structure.
1.9	<i>Cercis siliquastrum</i>	Standard form Clear Stem (Semi-mature)	4x	30-35	Min 650	Min 200	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	2

Item	Species	Habit / Form	Age/Condition / No. times transplanted	Girth (cm)	Overall height (cm)	Clear Stem height (cm)	Root Condition	Notes/Min No. of major lateral branches	No. Required
1.10	<i>Koelreuteria paniculata</i>	Standard form Clear Stem (Semi-mature)	4x	30-35	Min 650	Min 200	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	3
1.11	<i>Cercidiphyllum japonicum</i>	Standard form Clear Stem (Semi-mature)	4x	30-35	Min 650	Min 150	RB	Good even dense canopy; Min. 9 No. main stems; Well balanced crown; Refer to drawings for location.	1

1. Trees are to be selected on their individual form and character as good quality specimen. Well balanced crown, clear central header.

2. Note: Rootballed stock to be planted within the horticultural planting season (October - March). Planting outside this season carries a high risk of plant failure.

Alternative container grown stock recommended for planting outside October - March. Contractor to confirm planting programme.

2.0 STREETScape: UNDERSTOREY GROUND COVER SHRUBS, FERNS, SEDGE MIXES & AMENITY LAWN

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Planting Density	Percentage Mix %
Mix E <i>Total Area: 165m²</i>								
2.1	<i>Pachysandra terminalis</i> Japanese spurge	Ground cover	40-60	2L	CG	Bushy form; Min 5no. branches. For planting as ground cover matrix to RPZ of existing trees.	6	100
2.2	<i>Narcissus lobularis</i> English Daffodil	Wild /	/	Top size	Bulb	Bulb planting to be scattered in naturalistic drifts throughout the lawn, ensuring minimum 100mm between plants. Refer to drawings for location.	10/m ²	/
Highlight planting within ground cover planting. Planted in single species groups of 5-7 no. at densities shown.								
2.3	<i>Carex pendula</i> Pendulous sedge	Localised clumps	30-40	5L	CG	Dense clump.	4	/
2.4	<i>Luzula sylvatica</i> Great wood-rush	Localised clumps	30-40	3L	CG	Dense clump.	6	/
2.5	<i>Polystichum aculeatum</i> Hard shield fern	Localised clumps	30-40	3L	CG	Good Dense crown.	4	/
Mix F1 <i>Total Area: 110m²</i>								
2.6	<i>Ilex crenata</i> Japanese Holly	Bushy	45-60	5L	CG	Well branched specimens, clothed to ground; dense to core; Min 6 No. breaks; Full Pot. Bark mulch under. To be clipped to plinth post planting.	Planted in staggered rows; 350mm centres	100

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Area Required / Planting Density	Number Required
Mix F2	Total Area: 75m²							
2.7	<i>Ilex crenata</i> Japanese Holly	Bushy	45-60	5L	CG	Well branched specimens, clothed to ground; dense to core; Min 6 No. breaks; Full Pot. Bark mulch under. To be clipped to plinth post planting.	Planted in staggered rows; 350mm centres	100
2.8	<i>Allium 'Purple Sensation'</i> Dutch garlic bulb	/	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/
2.9	<i>Allium "White Giant"</i> garlic	White	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	50
2.10	<i>Clematis perle d'Azur'</i> Clematis	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	2
2.11	<i>Rosa 'Veilchenblau'</i> Rose 'Veilchenblau'	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	2
AMENITY LAWN								
2.12	Amenity grass seed mix. Refer to Landscape Specification Q30/313C & 350.	Proprietary seed mix with turf edging strips. To accommodate seasonal bulb planting scattered in drifts over lawn area.					430 ² ; Refer to drawings for location.	/
2.13	<i>Galanthus nivalis</i> Snowdrop	/	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout lawn. Refer to drawings for location.	20/m ²	/
2.14	<i>Narcissus lobularis</i> English Daffodil	Wild	/	Top size	Bulb	Bulb planting to be scattered in naturalistic drifts throughout the lawn, ensuring minimum 100mm between plants. Refer to drawings for location.	10/m ²	/

3.0 PLOT I: UNDERSTOREY GROUND COVER SHRUBS, FERNS & MIXES

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Planting Density	Percentage Mix %
Mix D 1 <i>Total Area: 15m²</i>								
3.1	<i>Polystichum aculeatum</i> Hard shield fern	Clump	30-40	3L	CG	Dense clump.	4	40
3.2	<i>Dryopteris filix-mas</i> Male fern	Clump	30-40	3L	CG	Dense clump.	4	25
3.3	<i>Pachysandra terminalis</i> Japanese spurge	Bushy	30-40	3L	CG	Bushy form; Full pot.	5	20
3.4	<i>Ilex crenata</i> Japanese Holly	Bushy	45-60	5L	CG	Well branched specimens, clothed to ground; dense to core; Min 6 No. breaks; Full Pot.	6	15
Mix D2 <i>Total Area: 16m²</i>								
3.5	<i>Pachysandra terminalis</i> Japanese spurge	Bushy	30-40	3L	CG	Bushy form; Full pot.	6	50
3.6	<i>Vinca minor 'Azurea Flore Pleno'</i> Double-flowered azure periwinkle	Bushy	40-60	1.5L	CG	Bushy form; Min 5 no. branches.	6	50
3.7	<i>Clematis perle d'Azur'</i> Clematis	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/
3.8	<i>Rosa 'Veilchenblau'</i> Rose 'Veilchenblau'	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/

Mix D3	Total Area: 10m²							
3.9	<i>Prunus laurocerasus</i> 'Otto Luyken' Cherry laurel 'Otto Luyken'	Bushy	50-100	5L	CG	Well branched specimens, clothed to ground; dense to core; 6 No. breaks; Full Pot. Min	6	100
3.10	<i>Clematis perle d'Azur'</i> Clematis	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/

BOUNDARY PLANTING

3.11	<i>Ligustrum ovalifolium</i> Privet	Dense consistent hedgerow	80-100	Root trough	CG	Pre-grown instant hedging. Well branched specimens, clothed to ground and dense to core. To be planted as a single row hedgerow . Bark mulch under.	As supplied	1/m
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DEFENSIVE PLANTING

3.12	<i>Ilex aquafolium</i> Holly	Densely feathered	120-150	7.5L	RB or CG	Straight leader. Min 5 no. laterals. To be planted as a single row hedgerow . Bark mulch under.	As supplied	2/m
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4.0 PLOT JKL: UNDERSTOREY GROUND COVER SHRUBS, FERNS & MIXES

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Planting Density	Percentage Mix %
Mix D 1 <i>Total Area: 22m²</i>								
4.1	<i>Polystichum aculeatum</i> Hard shield fern	Clump	30-40	3L	CG	Dense clump.	4	40
4.2	<i>Dryopteris filix-mas</i> Male fern	Clump	30-40	3L	CG	Dense clump.	4	25
4.3	<i>Pachysandra terminalis</i> Japanese spurge	Bushy	30-40	3L	CG	Bushy form; Full pot.	5	20
4.4	<i>Ilex crenata</i> Japanese Holly	Bushy	45-60	5L	CG	Well branched specimens, clothed to ground; dense to core; Min 6 No. breaks; Full Pot.	6	15
Mix D4 <i>Total Area: 57m²</i>								
4.5	<i>Prunus laurocerasus 'Otto Luyken'</i> Cherry laurel 'Otto Luyken'	Bushy	50-100	5L	CG	Well branched specimens, clothed to ground; dense to core; Min 6 No. breaks; Full Pot.	6	50
4.6	<i>Escallonia 'Donard Seedling'</i> Eescallonia 'Donard Seedling'	Bushy	40-60	5L	CG	Well branched specimens, clothed to ground; dense to core; Min 6 No. breaks; Full Pot.	5	50
4.7	<i>Clematis perle d'Azur'</i> Clematis	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/
4.8	<i>Hydrangea anomala subsp. petiolaris</i> Climbing hydrangea	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/
Mix D5 <i>Total Area: 5m²</i>								
4.9	<i>Prunus laurocerasus 'Otto Luyken'</i> Cherry laurel 'Otto Luyken'	Bushy	30-40	3L	CG	Bushy form; Full pot.	5	100
4.10	<i>Hydrangea anomala subsp. petiolaris</i> Climbing hydrangea	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Planting Density	Percentage Mix %
Mix A	Total Area: 40m²							
4.11	<i>Molinia caerulea</i> 'Strahlenquelle' Oriental fountain grass	Bushy	30-40	3L	CG	Well developed clump. Full pot.	5	20
4.12	<i>Pennisetum orientale</i> Oriental fountain grass	Bushy	30-40	3L	CG	Dense clump. Full pot.	5	15
4.12	<i>Perovskia</i> 'Blue Spire' Perovskia 'Blue Spire'	Vegetative	30-40	2L	CG	Well developed clump/roots. Full pot.	5	15
4.13	<i>Foeniculum vulgare</i> 'Giant Bronze' Bronze fennel	Vegetative	40-60	3L	CG	Min. 4 no. breaks. Full pot.	3	10
4.14	<i>Orlaya grandiflora</i> White laceflower	Vegetative	40-60	3L	CG	Well developed clump/roots. Full pot.	6	20
4.15	<i>Nepeta x faassenii</i> Catmint	Vegetative	20-30	1.5L	CG	Well developed clump/roots. Full pot.	6	20
4.16	<i>Allium</i> 'Schoenoprasum' Chives	/	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/
4.17	<i>Tulipa</i> 'Queen of Knight' Queen of Knight	Tulip	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/
4.18	<i>Tulipa</i> 'Spring Green' Spring Green	Tulip	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Planting Density	Percentage Mix %	
Mix B Total Area: 150m²									
4.19	<i>Molinia caerulea 'Strahlenquelle'</i> Oriental fountain grass	Bushy	30-40	3L	CG	Well developed clump. Full pot.	5	25	
4.20	<i>Orlaya grandiflora</i> White laceflower	Vegetative	40-60	3L	CG	Well developed clump/roots. Full pot.	6	20	
4.21	<i>Nepeta x faassenii</i> Catmint	Vegetative	20-30	1.5L	CG	Well developed clump/roots. Full pot.	6	15	
4.22	<i>Agastache 'Blackadder'</i> Giant hyssop 'Blackadder'	Bushy	30-40	3L	CG	Well developed clump. Full pot.	5	15	
4.23	<i>Vinca minor 'Alba'</i> Double-flowered azure periwinkle	Ground cover	30-40	1.5L	CG	Bushy form; Min 5 no. branches.	6	25	
4.24	<i>Clematis montana 'Grandiflora'</i> White anemone Clematis	Climber	150	15L	CG	Well branched specimen. Supplied on a trellis. Clothed to ground.	As directed / shown on drawings.	/	
4.25	<i>Tulipa 'Queen of Knight'</i> Queen of Knight	Tulip	/	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/
4.26	<i>Tulipa 'Spring Green'</i> Spring Green	Tulip	/	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/
Mix C Total Area: 25m²									
4.27	<i>Hedera helix 'Hibernica'</i> Irish Ivy	Ground cover	30-40	2L	CG	Bushy form; Min 5no. branches. To form ground cover shrub.	5	100	
4.28	<i>Galanthus nivalis</i> Snowdrop	/	/	Top size	Bulb	Bulb planting to be scattered in random drifts throughout planting bed. Refer to drawings for location.	20/m ²	/	

5.0 PLOT FGHI COURTYARD: SENSORY/HERB MIX FOR RAISED PLANTER

Item	Species	Habit / Form	Age/Condition / Overall Height / Spread (cm)	Container size	Root Condition	Notes	Planting Density	Percentage Mix %
Mix SP1	Total Area: 6m²							
5.1	Melissa officinalis	Vegetative	20-30	CG	1.5L	Well developed clump/roots. Full pot	5 per m2	30
5.2	Origanum vulgare	Vegetative	20-30	CG	1.5L	Well developed clump/roots. Full pot	5 per m2	20
5.3	Thymus vulgaris	Bushy	20-30	CG	2L	Dense and healthy to core.	5 per m2	20
5.4	Nepeta x faassenii	Vegetative	20-30	CG	1.5L	Well developed clump/roots. Full pot	5 per m2	30
							Total %age mix:	100