KEY

- APPLICATION SITE BOUNDARY
- GREENSPACE: AMENITY (WGWN GRASS CAT D)
- TEMPORARY GRASS SEEDING MEASURES (WGWN GRASS CAT D)
- GREENSPACE: AMENITY (BULB PLANTING)
- GREENSPACE: PRIVATE
- GREENSPACE: PLANTED BEDS
- GRAVELLED AREAS: BUFF (GEOTEX PLC DECORATIVE GRAVEL MULCH 30-50, 51mm Ø)
- TREES: PROPOSED
- TREES: PROPOSED UNDER PRIOR APPLICATION
- SPECIMEN SHRUBS
- CLIMBERS
- BULBS
- HEDGE: PROPOSED

FOR ADDITIONAL LANDSCAPE INFORMATION, REFER TO DRAWINGS: 3456-S-DR/...

5000 - Residential Landscape Masterplan
5001 - 5005 Softworks Proposals (Residential)
5100 - Hard Surface Strategy
5101 - Boundary Treatment & Street Furniture
5500 - Tree Planting Details
5700 - Tree Retention & Removal

SPECIMEN TREES

Species	Girth	Height	Specification	Pot Size	Quantity
Acer ginnala		250-300cm	Multi-Stemmed: Bushy; 3 stems min.: 3x: RB		3no.
Amelanchier canadensis		300-350cm	Multi-Stemmed: Bushy; 5 Stems min.: 3x: RB		14no.
Betula albosinensis 'Fascination'		250-300cm	Multi-Stemmed: Bushy; 3 stems min.: 3x: RB		9no.
Betula pendula 'Obelisk'	20-25cmg	450-500cm	SM :4x :1 stem :CSH 175-200 :5 brks :C	200L	17no.
Corylus colurna 'Granat'	20-25cmg	450-500cm	SM :4x :1 stem :CS 200min. :5 brks :C	200L	21no.
Ilex aquifolium 'J. C. van Tol'	16-18cmg	350-400cm	EHS; clear stem 175-200cm; C	110L	4no.
Malus 'Golden Hornet'	14-16cmg	400-450cm	EH :5x :CSH 175-200 :5 brks :C	45-85L	2no.
Morus alba 'Fruitless'	14-16cmg	400-450cm	EH :3x :CSH 175-200 :5 brks :RB		3no.
Prunus x yedoensis	18-20cmg	min 450cm	EH :3x :CSH 200min. :RB		3no.
Sorbus commixta 'Embley'	18-20cmg	450-500cm	EH :3x :CSH 200min. :RB		2no.
					Total :78no.

SPECIMEN SHRUBS

Species	Spread	Height	Specification	Pot Size	Quantity
Fothergilla major		40-60cm	Branched :6 brks :C	10L	1no.
Hamamelis intermedia 'Ruby Glow'		80-100cm	Branched :8 brks: C	15-20L	16no.
Hydrangea paniculata 'Bombshell'		40-60cm	Branched: 7 brks: C	10L	1no.
Hydrangea paniculata 'Little Lime'		40-60cm	Branched :7 brks :C	10L	3no.
Physocarpus opulifolius 'Diablo'		80-100cm	Bushy :9 brks :C	25L	9no.
Prunus lusitanica		80-100cm	Ball on Stem: Topiary Quarter Standard: Ball Ø 35-40cm: CHS 50cm: Neatly Clipped: C	20-25L	3no.
Sarcococca hookeriana digyna		30-40cm	Bushy: 7 brks: C	7.5L	9no.
Viburnum plicatum 'Mariesii'		80-100cm	Branched: 8 brks: C	15-20L	14no.
					Total :56no.

SHRUBS

Species	Spread	Height	Specification	Pot Size	Density	Quantity
Berberis thunbergii 'Bagatelle'		40-60cm	Br :5 brks :C	3L	4/m²	52no.
Brachyglottis 'Sunshine'		30-40cm	Br :4 brks :C	3L	6/m²	166no.
Chaenomeles speciosa 'Geisha Girl'		60-80cm	Br :5/7 brks :C	5-7.5L	4/m²	38no.
Choisya 'Aztec Pearl'		30-40cm	Bu :6 brks :C	5L	4/m²	28no.
Choisya ternata 'Sundance'		30-40cm	Bu :4 brks :C	3L	4/m²	120no.
Cornus alba 'Siberica Variegata'		40-60cm	Br :3 brks :C	3L	3/m²	83no.
Cornus alba 'Sibirica'		40-60cm	Br :3 brks :C	3L	3/m²	83no.
Cornus sanguinea 'Midwinter Fire'		60-80cm	Br :4 brks :C	5L	3/m²	117no.
Cornus sericea 'Kelseyi'		30-40cm	SeSh :4 brks :C	3L	3/m²	28no.
Daphne x transatlantica 'Eternal Fragrance'		40-60cm	Br :5 brks :C	5L	4/m²	2no.
Elaeagnus x ebbingei		60-80cm	Br :4 brks :C	5-7.5L	3/m²	78no.
Escallonia 'Iveyi'		60-80cm	Br :5/7 brks :C	5L	4/m²	88no.
Euonymus fortunei 'Dart's Blanket'	30-40cm		Bu :5 brks :C	3L	6/m²	109no.
Euonymus japonicus 'Jean Hugues'		30-40cm	Br :3 brks :C	3L	6/m²	25no.
Euonymus japonicus 'Microphyllus'		30-40cm	Br :3 brks :C	3L	6/m²	258no.
Hebe 'Green Globe'	20-30cm		Bu :9 brks :C	5L	6/m²	234no.
Hebe pinguifolia 'Sutherlandii'	30-40cm		Bu :9 brks :C	7.5L	5/m²	139no.
Hebe rakaiensis	30-40cm		Bu :7 brks :C	5-7.5L	5/m²	407no.
Hedera helix			SeSh :3 brks :C	1L	4/m²	42no.
Hedera helix 'Hibernica'		40-60cm	SeSh :3 brks: ; C	3L	4/m²	56no.
Hydrangea arborescens 'Annabelle'		60-80cm	Br :7 brks :C	10L	4/m²	2no.
Hydrangea paniculata 'Little Lime'		40-60cm	Br :7 brks :C	10L	4/m²	10no.
Lavandula angustifolia 'Hidcote'		20-30cm	Bu :5 brks :C	3L	5/m²	266no.
Lonicera nitida 'Baggesen's Gold'		30-40cm	Bu :5 brks :C	5L	4/m²	135no.
Lonicera nitida 'Maygreen'		40-60cm	Bu :5/6 brks :C	3L	4/m²	61no.
Lonicera pileata		30-40cm	Bu :6 brks :C	3L	3/m²	132no.
Pachysandra terminalis	10-15cm		SeSh :5 brks :C	1.5L	11/m²	274no.
Philadelphus 'Manteau d'Hermine'		30-40cm	Br :5 brks :C	5-7.5L	5/m²	205no.
Pittosporum tobira 'Nanum'	30-40cm		Bu :6 brks :C	5-7.5L	5/m²	109no.
Potentilla fruticosa 'Abbotswood'	30-40cm		Bu :5 brks :C	5-7.5L	3/m²	8no.
Prunus laurocerasus 'Cherry Brandy'		40-60cm	Bu :4 brks :C	5-7.5L	4/m²	520no.
Prunus laurocerasus 'Mount Vernon'		20-30cm	Bu :3 brks :C	3L	4/m²	261no.
Rosa 'Nozomi'		30-40cm	Bu :Cutting :3 brks :C	2L	5/m²	472no.
Rosa 'The Mayflower'		30-40cm	Bu :Cutting :3 brks :C	2L	5/m²	72no.
Rosa rugosa 'Alba'		40-60cm	Br :3 brks :C	3L	4/m²	79no.
Rosmarinus officinalis		40-60cm	Bu :5 brks :C	5L	5/m²	99no.
Sarcococca hookeriana digyna		30-40cm	Bu :6 brks :C	5L	3/m²	102no.
Spiraea cinerea 'Grefsheim'		40-60cm	Br :5 brks :C	2L	4/m²	16no.
Spiraea japonica 'Goldflame'	30-40cm		Bu :6 brks :C	3L	6/m²	145no.
Spiraea japonica 'Shirobana'	30-40cm		Bu :8 brks :C	3L	6/m²	14no.
Symphoricarpos x chenaultii 'Hancock'		40-60cm	Br :3 brks :C	2L	3/m²	34no.
Viburnum davidii		30-40cm	Bu :4 brks: ;C	5-7.5L	3/m²	58no.
Viburnum tinus 'Eve Price'		30-40cm	Bu :4 brks: ;C	3L	3/m²	32no.
Vinca minor 'Alba'	15-20cm		SeSh :2 brks :C	1.5L	8/m²	685no.
Vinca minor 'Gertrude Jekyll'	20-30cm		SeSh :3 brks :C	3L	8/m²	86no.
Weigela 'Ebony & Ivory'		40-60cm	Br :4 brks :C	3L	3/m²	58no.
						Total :6148no.

HEDGES

Species	Height	Specification	Pot Size	Density	Quantity
Escallonia 'Iveyi'	60-80cm	Branched :5/7 brks :C	5L	0.45ctr	276no.
Euonymus japonicus 'Jean Hugues'	30-40cm	Br :3 brks :C	3L	0.35ctr	327no.
Griselinia littoralis	40-60cm	Bu :3 brks :C	3L	0.45ctr	598no.
Osmanthus x burkwoodii	30-40cm	Br :4 brks :C	3L	0.4ctr	423no.
Prunus laurocerasus ETNA	40-60cm	Bu :5 brks :C	5-7.5L	0.6ctr	33no.
					Total :1known.

CLIMBERS

Species	Height	Specification	Pot Size	Density	Quantity
Clematis armandii	100-150cm	Caned: Several Shoots: 3 brks: C	10L	Counted	2no.
Lonicera periclymenum 'Serotina'	100-150cm	Caned: SeSh :3 brks :C	10L	Counted	8no.
					Total :10no.

GRASSES

Species	Specification	Pot Size	Density	Quantity
Anemanthele lessoniana	C :Full Pot	2L	5/m²	114no.
Calamagrostis 'Karl Foerster'	C :Full Pot	3L	6/m²	2no.
Carex morrowii 'Fisher's Form'	C :Full Pot	1L	6/m²	334no.
Deschampsia cespitosa 'Goldschleier'	C :Full Pot	2L	8/m²	251no.
Liriope muscari	C :Full Pot	0.5L	8/m²	139no.
Liriope muscari 'Monroe White'	C :Full Pot	0.5L	8/m²	65no.
Stipa tenuissima	C :Full Pot	3L	8/m²	249no.
				Total :1114no.

FERNS

Species	Specification	Pot Size	Density	Quantity
Blechnum spicant	C :Full Pot	1.5-2L	6/m²	187no.
Polystichum polyblepharum	C :Full Pot	1.5-2L	6/m²	187no.
				Total :374no.

HERBACEOUS

Species	Specification	Pot Size	Density	Quantity
Ceratostigma plumbaginoides	C :Full Pot	3L	5/m²	194no.
Echinacea purpurea 'White Swan'	C :Full Pot	3L	8/m²	2no.
Geranium 'Orion'	C :Full Pot	3L	8/m²	155no.
Persicaria amplexicaulis 'Alba'	C :Full Pot	3L	6/m²	37no.
Salvia nemorosa 'Amethyst'	C :Full Pot	3L	8/m²	207no.
Stachys byzantina	C :Full Pot	2L	8/m²	20no.
Verbena bonariensis	C :Full Pot	2L	5/m²	18no.
				Total :633no.

BULBS

Species	Specification	Density	Quantity
Allium 'Purple Sensation'	Grade 12/+	6/m²	127no.
Allium sphaerocephalon	Grade 4/5	No.	315no.
Galanthus nivalis	Grade 5/6	No.	60no.
Narcissus 'Thalia'	Grade 10/12	No.	30no.
		Total	**:532no.**

PLANTING NOTES:

General: All plant materials to be planted at the density and quantities shown.

Mulch:
- *General:* specified mulch depths are post settlement: some topping up may therefore be required under the terms of the contract.
- *Tree / shrub / formal hedge / border mixes:* min. 75mm depth well composted amenity bark mulch. Particle size: 8-40mm. Manufacturer: Rolawn Landscaping Bark; or equal & approved. Coverage: 1m Ø around trees and all shrub / herbaceous planted beds (excluding bulbs sown under grass).

Grasses:

Greenspace: Amenity
- Seedings in transverse directions at the specified rate(s).
- Highways Verges & Maintenance Strips - G.S.A. A18 Roadsides & Embankments @ 35g/m². Mowing frequency: Cat 'D'.

Shrubs:
- *Planting mixes:* carry out in accordance wrt plant label direction, i.e. single species groups, at the specified rate.
- *Specimen:* maintain to form a clipped specimen shape at no more than 0.8m - 1m height / vehicular widths.
- *Clipped shrubs:* maintain to form a clipped box shape at no more than 0.8m - 1m height.
- *Groundcover:* Side up plants (e.g. *Euonymus japonicus 'Microphyllus'*). Reason: to maintain path / vehicular widths. Frequency: as dictated by rate of lateral plant growth.

Trees:
- Plant trees in accordance wrt tree pit details.

Abbreviations:
- *Grass Supplier:* – DLF = DLF Seeds Ltd., GSA = Germinal Seeds Amenity, EMG = Emorsgate.
- *Grass Category (mowing frequency):* – Refer to Table 1
- *Tree Support (Above Ground):* - (Ste): - Single stake, (Dst): - Double stake, (Tst): - Triple stake, (Ds0ds): - Double stake & cross bar
- *Tree Support (Below Ground):* - (UG1): - Underground guyed. Platipus: RF2PORMAN, (UG2): - Underground guyed. Platipus: RF2

TABLE 1: Amenity Turf Categories

Category	Height Parameters (mm)		Likely Cutting Frequency
	Maximum height setting of mower	Maximum recommended height of growth	
A	10	15	Twice a week
B	15	25	Weekly
C	20	50	Every 1-1.5 weeks
D	25	50 to 75	Weekly or fortnightly
E	50	100	Fortnightly
F	75	150	Normally every 3 - 4 weeks
G	100	250	Normally every 4 - 6 weeks
H	100	Not applicable	Once or twice a year
I	150	200	Every 2 - 4 weeks

Recommendations as abstracted from : Table 1 **BS 7370: 1991**

Notes:

While every attempt is made to address the most salient points raised (within the literature), this table should not be considered exhaustive as it is presented in summary format only. For further information, the reader is referred back to the relevant British Standard(s).

TABLE 2: Key to Plant Abbreviations

FORM	S	=	Standard	BR	= Bareheaded
	H	=	Transplant	ROOT	= General Shrubs
	SeSh	=	Semi Shrub	B	= Balled
	Sh	=	Shrub	R	= Rootrain
	Br	=	Bushy	Mby	= Multi-stemmed/ Bushy
	Bu	=	Bushed	Ldr	= Leader
	Ste	=	Stem	UGR	= under with stands
	Ht	=	Heavy Standard		
	SHt	=	Semi Heavy Standard		
	Sm	=	Semi stem		
ROOT / PROPAGATION METHOD	C	=	Container grown or of cross containerised (e.g. p+c)		
BARE/ROOT	BR	=	Bare Rootrain (UK Forestry Standard)		
HEIGHT			Overall height/minimum height in cm at time of supply		
CLEAR STEM HEIGHT			Clear stem given as a minimum range in cm (e.g. 150- 5cm CS:100)		
BREAKS (BRA)			Minimum number of breaks/thousand given single or as a range (e.g. 4/5 5/6)		
ROOT	B	=	Balled or Root Balled (Rootballed/Balled & Burlaped/Balled & Wire)		
	BR	=	Bareroot		
	C	=	Container grown		
	C*	=	As the column B, containerised for site delivery		
	B+C	=	Balled & Container Grown but not root bound (e.g. B+C)		
POT SIZE			Indicative pot size in litres (L)		

Notes:

Related Drawings: This is a composite drawing based on information received from other consultants. Dot drawing information is based on information received from:
- ARBORICULTURAL ASSOCIATES: Brookleaf Arboricultural Consultants, TREE DATA dwg: n/a & 12/11/2025 JB-DB-MWs.
- ROAD BASED & ASSOCIATED INFRASTRUCTURE: Campbell Reith (Engineers)
- DRAINAGE: Campbell Reith (Engineers)
- MECHANICAL ENGINEERS & ASSOCIATED INFRASTRUCTURE: Campbell Reith & Peter Brett Associates (Engineers)
- ELECTRICAL ENGINEERS & ASSOCIATED INFRASTRUCTURE: Campbell Reith (Engineers)
- SITE TOPOGRAPHY (PARTIAL): TD Surveys, n/a from Campbell Reith (5/11/2024)
- SITE TOPOGRAPHY (INCREASED): Campbell Reith (Engineers)

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Setting: Do not scale this drawing. Use given dimensions only.

Setting out: Refer to Engineers for information regarding setting out. In the event of discrepancy refer to Engineers in the first instance.

Survey: Original survey provided by the Client.

Accuracy: Where possible these are identified on the drawings but, for the avoidance of doubt all service/utility locations should be considered indicative only. Contractors to confirm all locations prior to any excavation. Addition checks to be made with the original survey provider or utilities bodies or Service confirmation and further information regarding easements. In the event of new services being installed refer to the appointed Engineer. It is recommended that hand excavating trial, forego micro cable / forego service) to be installed over all service routes by mechanical means prior to commencement of groundworks (BS5975).

Construction information: all detailed design including, but not necessarily limited to, level patterns, kerbing, edging, tactile crossing demarcations, construction details, specifications, etc. are to be in accordance with the relevant Local Authority and Highways Authority standards. Additional/further details to be appended to the issue for construction to site subsequent discharge from the relevant supervising authority and/or state.

Lighting: Refer to lighting engineers drawings.

Planting: Plant species and planting are subject to the work consideration of the site conditions, NHBC guidelines and discussions with the Local Authority and Highways Authority. Refer to Specification for further details. Contractor to confirm the finish levels/ground surface/ground level/ground modelling/ground profiling/ground contouring/ground gradients/ground undulations/ground cross fall/ground slopes/ground falls/ground rises/ground hollows/ground depressions/ground mounds/ground ridges/ground valleys/ground saddles/ground ridges/ground valleys/ground saddles/ground ridges/ground valleys/ground saddles