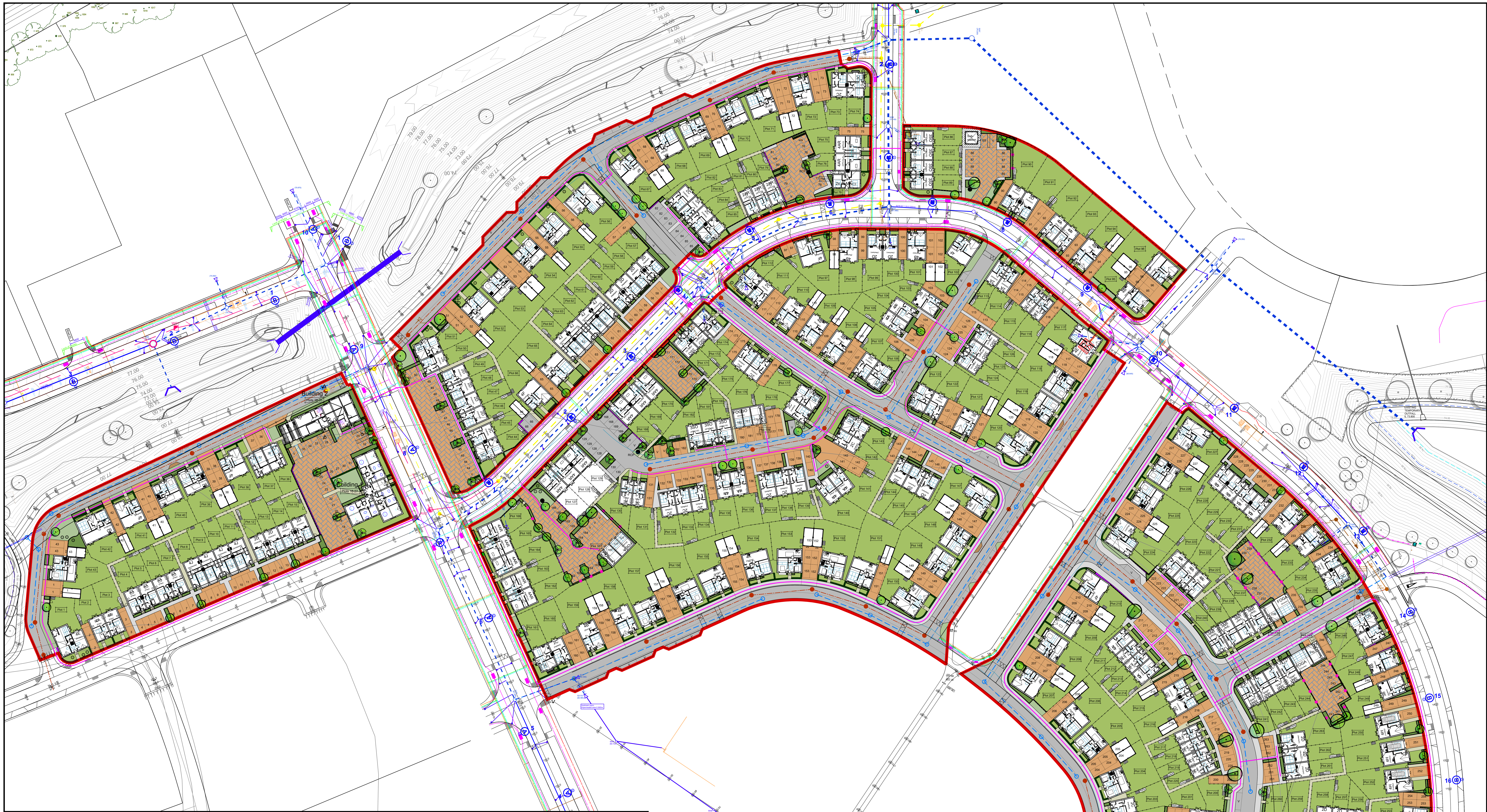


KEY

- APPLICATION SITE BOUNDARY
- GREENSPACE: AMENITY — MOWN GRASS (CAT D)
- TEMPORARY GRASS SEEDING MEASURES — MOWN GRASS (CAT D)
- GREENSPACE: AMENITY — BULB PLANTING
- GREENSPACE: PRIVATE
- GREENSPACE: PLANTED BEDS
- GRAVELLED AREAS: *BUFF* — LOOSE FILL DECORATIVE GRAVEL MULCH MAX. 14mm Ø
- TREES: PROPOSED
- TREES: PROPOSED UNDER PRIOR APPLICATION
- SPECIMEN SHRUBS
- CLIMBERS
- BULBS
- HEDGE: PROPOSED

FOR ADDITIONAL LANDSCAPE INFORMATION, REFER TO DRAWINGS: [3DEFG DA] 3015-4-5-1-DR/...

5000 - Residential Landscape Masterplan
5001 - 5008 Softworks Proposals (Residential)
5009 - Infrastructure Landscape Masterplan
5010 - Leisure Park Proposals
5011 - 5014 - Softworks Proposals (Infrastructure)
5100 - Hard Surface Strategy
5101 - Boundary Treatment & Street Furniture
5500 - Tree Planting Details
5700 - Tree Retention & Removal

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 - 6 weeks
G	100	250	Normally every 4 - 6 weeks
H	100	Not applicable	Once or twice a year
J	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	Se	=	Seedling	BH	=	Boxheaded
	T	=	Transplant	SeSh	=	Several Shoots
	F	=	Feathered	Bu	=	Bushy
	Wh	=	Whip	Br	=	Branched
	L	=	Light Standard	Mbu	=	Multi-stemmed (Bushy)
	S	=	Standard	Le	=	Leader (s)
	SSe	=	Select Standard	LeLa	=	Leader with laterals
	H	=	Heavy Standard			
	EH	=	Extra Heavy Standard			
	SM	=	Semi-mature			
AGE / PROPAGATION METHOD	Age/condition (e.g. 4x) or number of times transplanted (e.g. 1+1)					
GIRTH (cmg)	Stem Diameter Girth in cm (e.g. 20-25 cmg)					
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. Clear Stem 175-200)					
BREAKS (brks)	Minimum number of breaks/branches given singly or as a range (e.g. 4/5 brks)					
ROOT	BR	=	Bare Root - supplied in co-extruded polythene bag			
	RB	=	Rootballed			
	C	=	Container grown			
	CZ	=	Air Pot Grown & containerized for site delivery			
	Full Pot	=	Roots fill container but not root bound by it			
POT SIZE	Minimum size or range in litres					

Notes

Related Drawings: This is a composite drawing based on information received from other consultants. DJA drawing information is based on information received from:

- INDICATIVE MASTERPLAN: Broadway Malyan
- INDICATIVE GENERAL HOUSING ARRANGEMENT: OSP
- SUDS BASINS & ASSOCIATED INFRASTRUCTURE: Campbell Reith (Engineers)
- PRIMARY STREET: Campbell Reith (Engineers)
- WESTERN GREENWAY & ASSOCIATED INFRASTRUCTURE: Campbell Reith & Peter Brett Associates (Engineers)
- COMMENTARY: Client & Local Planning Authority comments (various applications).
- SITE TOPOGRAPHY (EXISTING): CD Surveys, rcv'd from Campbell Reith 05/12/2016.
- SITE TOPOGRAPHY (PROPOSED): Campbell Reith (Engineers)

Issue: Drawn by David Jarvis Associates Limited (CROWN COPYRIGHT. ALL RIGHTS RESERVED 2023 LICENCE NUMBER 0100031). This drawing is for Planning purposes only - Do not use this drawing for Construction. The information contained in the drawing should be used as a guide to the final forms and finishes of the landscape scheme. Any revisions to be approved by the Client and Local Authority

Scaling: 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.

Services: Where possible these are identified on the drawings but, for the avoidance of doubt all service/utility locations should be considered indicative until identified on site. To ensure those services / utilities shown are current refer to the original survey provider or utilities designer or Client for confirmation and further information regarding easements. In the event of new services being installed refer to the appointed Engineer. It is recommended that hazard warning tape 'danger electric cable'/'danger services' to be installed over all service routes (to remain on site) to current BS guidelines (BS7671).

Construction Information: all detailed design (including, but not necessarily limited to), bond patterns, kerbing, edging, tactile crossing demarkation, construction build-up, levels, drainage etc., to be provided by an appropriately qualified structural/highways/civil engineer to be appointed by the client for presentation to [and subsequent discharge from] the relevant supervising authority and/or body.

Lighting: Refer to lighting engineers drawings.

Planting: Plant species are selected and located in line with consideration of the site conditions, NHBC guidelines and discussions with the Local Authority and design team. All plants and planting procedure to conform to the David Jarvis Associates Limited Landscape Specification that will accompany the Construction issue drawings. No species or plant location is to be varied without prior consent of the Landscape Architect.

Tree Root Protection Measures: supply & install permeable rootbarriers (Terram RootGuard, or equal & approved) to a min. depth of 600mm below ground. Installation: as per manufacturer's instruction. Finished level: top of barrier to be 10mm above G.L. Zone of Deployment: protection of hard surfacing / services lying within a min. 5m radius of the proposed tree. To be increased to 1000mm depth where services / utilities require this - to be determined at Construction.

Foundations: Developers / Contractors to ensure that all foundations (buildings and external walling) are designed and constructed so as to take into account, at the time of maturity, any existing or proposed trees, hedgerows or other vegetation on the application site or existing vegetation on land adjoining the site at the time of construction and any trees felled or hedgerows removed on or adjacent to the site during the previous 15 years. For this purpose the developer / contractors will submit all relevant details to the authority dealing with the Building Regulations Certificate.

Design Levels: Refer to Engineers where design levels are not shown.

CDM: Drawings to be read in conjunction with Designers risk assessment. Potential risks above that of those associated with the general construction typical to the drawing are identified below;

Drawing Revision

Rev.	Date	Description	DRN	CKD
P1	13/09/2023	First Issue based on Architects Site Plan 'P201 & P202', rcv'd: 07/09/2023 @ 09:57hrs.	MS	AC

Status

PLANNING

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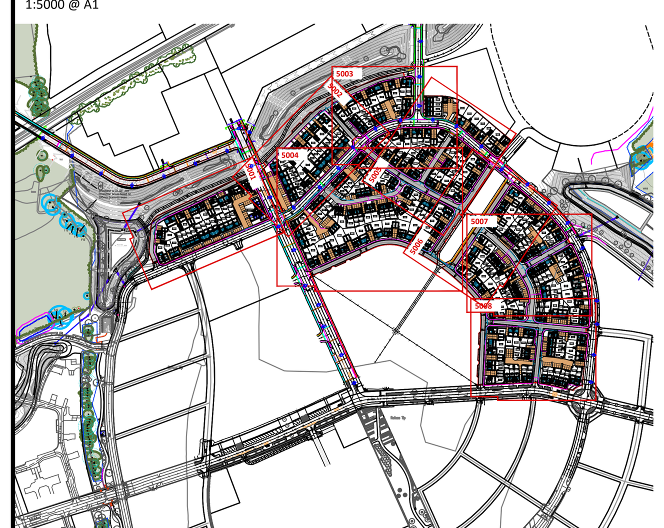
Client
CREST NICHOLSON

Project
KILNWOOD VALE, CRAWLEY PHASE 3DEFG - RESIDENTIAL

Drawing Title
RESIDENTIAL LANDSCAPE MASTERPLAN

Scale	Sheet Size	Date	
1:500	A0	SEPT 2023	
Client Ref.	Drawing Ref.	Drawing No.	Status
3DEFG-DA	3015-4-5-1	DR-5000	S4-P1

KEY PLAN
1:5000 @ A1



PLANTING NOTES:

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

Mulch:
- *Generally:* 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
Two sowings 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 w/t plant label direction, i.e. single species groups, at the specified rate.
- *General:* Do not allow encroachment onto paths. Reason: to maintain sightlines & path / 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 w/t 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):* - (Sst) - Single stake, (Dst) - Double stake, (Tst) - Triple stake, (DstXb) - Double stake & cross bar
- *Tree Support (Below Ground):* - (UG1) - Underground guyed. Platipus: RF2PDMAN, (UG2) - Underground guyed. Platipus: RF2

N

0 10m 20m 30m 40m 50m

KV PH3D, E, F, G RESIDENTIAL PLANT SCHEDULE

SPECIMEN TREES

Species	Girth	Height	Specification	Pot Size	Quantity
Acer ginnala		250-300cm	Multi-Stemmed: Bushy: 3 stems min.: 3x: RB		4no.
Amelanchier canadensis		300-350cm	Multi-Stemmed: Bushy: 5 Stems min.: 3x: RB		22no.
Amelanchier lamarckii	20-25cm	425-600cm	SM :Clear Stem 175-200 :RB		1no.
Betula albosinensis 'Fascination'		250-300cm	Multi-Stemmed: Bushy: 3 stems min.: 3x: RB		10no.
Betula pendula 'Obelisk'	20-25cmg	450-500cm	SM :4x :1 stem :CSH 175-200 :5 brks :C	200L	25no.
Betula utilis jacquemontii	20-25cmg	500-550cm	SM :4x :1 stem :CS 200-250 :5 brks :C	200L	13no.
Corylus colurna 'Granat'	20-25cmg	450-500cm	SM :4x :1 stem :CS 200min. :5 brks :C	200L	18no.
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		10no.
Prunus padus 'Albertii'	20-25cmg	500-550cm	SM :3x :CSH 200min. :RB		1no.
Prunus x yedoensis	18-20cmg	min 450cm	EH :3x :CSH 200min. :RB		2no.
Sorbus commixta 'Embley'	18-20cmg	450-500cm	EH :3x :CSH 200min. :RB		6no.
					Total :118no.

SPECIMEN SHRUBS

Species	Spread	Height	Specification	Pot Size	Quantity
Fothergilla major		40-60cm	Branched :6 brks :C	10L	4no.
Hamamelis intermedia 'Ruby Glow'		80-100cm	Branched: 8 brks: C	15-20L	12no.
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	13no.
Prunus lusitanica		80-100cm	Ball on Stem: Topiary Quarter Standard: Ball Ø 35-40cm: CHS 50cm: Neatly Clipped: C	20-25L	2no.
Sarcococca hookeriana digyna		30-40cm	Bushy: 7 brks: C	7.5L	16no.
Viburnum plicatum 'Mariesii'		80-100cm	Branched: 8 brks: C	15-20L	11no.
					Total :62no.

SHRUBS

Species	Spread	Height	Specification	Pot Size	Density	Quantity
Berberis thunbergii 'Bagatelle'		40-60cm	Br :5 brks :C	3L	4/m²	60no.
Brachyglottis 'Sunshine'		30-40cm	Br :4 brks :C	3L	6/m²	263no.
Chaenomeles speciosa 'Geisha Girl'		60-80cm	Br :5/7 brks :C	5-7.5L	4/m²	33no.
Choisya 'Aztec Pearl'		30-40cm	Bu :6 brks :C	5L	4/m²	20no.
Choisya ternata 'Sundance'		30-40cm	Bu :4 brks :C	3L	4/m²	164no.
Cornus alba 'Siberica Variegata'		40-60cm	Br :3 brks :C	3L	3/m²	114no.
Cornus alba 'Sibirica'		40-60cm	Br :3 brks :C	3L	3/m²	134no.
Cornus sanguinea 'Midwinter Fire'		60-80cm	Br :4 brks :C	5L	3/m²	134no.
Cornus sericea 'Kelseyi'		30-40cm	SeSh :4 brks :C	3L	3/m²	25no.
Daphne x transatlantica 'Eternal Fragrance'		40-60cm	Br :5 brks :C	5L	4/m²	21no.
Elaeagnus x ebbingei		60-80cm	Br :4 brks :C	5-7.5L	3/m²	126no.
Escallonia 'Iveyi'		60-80cm	Br :5/7 brks :C	5L	4/m²	150no.
Euonymus fortunei 'Dart's Blanket'	30-40cm		Bu :5 brks :C	3L	6/m²	248no.
Euonymus japonicus 'Jean Hugues'		30-40cm	Br :3 brks :C	3L	6/m²	105no.
Euonymus japonicus 'Microphyllus'		30-40cm	Br :3 brks :C	3L	6/m²	316no.
Hebe 'Green Globe'	20-30cm		Bu :9 brks :C	5L	6/m²	270no.
Hebe 'Red Edge'	30-40cm		Bu :7 brks :C	5-7.5L	5/m²	43no.
Hebe pinguifolia 'Sutherlandii'	30-40cm		Bu :9 brks :C	7.5L	5/m²	180no.
Hebe rakaiensis	30-40cm		Bu :7 brks :C	5-7.5L	5/m²	598no.
Hedera helix			SeSh :3 brks :C	1L	4/m²	122no.
Hedera helix 'Hibernica'		40-60cm	SeSh: 3 brks: : C	3L	4/m²	88no.
Hydrangea arborescens 'Annabelle'		60-80cm	Br :7 brks :C	10L	4/m²	21no.
Hydrangea paniculata 'Little Lime'		40-60cm	Br :7 brks :C	10L	4/m²	35no.
Lavandula angustifolia 'Hidcote'		20-30cm	Bu :5 brks :C	3L	5/m²	524no.
Lonicera nitida 'Baggesen's Gold'		30-40cm	Bu :5 brks :C	3L	4/m²	228no.
Lonicera nitida 'Maygreen'		40-60cm	Bu :5/6 brks :C	3L	4/m²	322no.
Lonicera pileata		30-40cm	Bu :6 brks :C	3L	3/m²	163no.
Pachysandra terminalis	10-15cm		SeSh :5 brks :C	1.5L	11/m²	241no.
Philadelphus 'Manteau d'Hermine'		30-40cm	Br :5 brks :C	5-7.5L	5/m²	226no.
Pittosporum tobira 'Nanum'	30-40cm		Bu :6 brks :C	5-7.5L	5/m²	449no.
Potentilla fruticosa 'Abbotswood'	30-40cm		Bu :5 brks :C	5-7.5L	3/m²	10no.
Prunus laurocerasus 'Cherry Brandy'		40-60cm	Bu :4 brks :C	5-7.5L	4/m²	392no.
Prunus laurocerasus 'Mount Vernon'		20-30cm	Bu :3 brks :C	3L	4/m²	161no.
Rosa 'Nozomi'		30-40cm	Bu :Cutting :3 brks :C	2L	5/m²	378no.
Rosa 'The Mayflower'		30-40cm	Bu :Cutting :3 brks :C	2L	5/m²	183no.
Rosa 'White Meidiland'		30-40cm	Bu :Cutting :strong :C	2L	5/m²	41no.
Rosa rugosa 'Alba'		40-60cm	Br :3 brks :C	3L	4/m²	97no.
Rosmarinus officinalis		40-60cm	Bu :5 brks :C	5L	5/m²	282no.
Sarcococca hookeriana digyna		30-40cm	Bu :6 brks :C	5L	3/m²	71no.
Sarcococca hookeriana v. humilis		20-25cm	Bu: 6 brks: : C	3L	4/m²	61no.
Spiraea cinerea 'Grefsheim'		40-60cm	Br :5 brks :C	2L	4/m²	37no.
Spiraea japonica 'Goldflame'	30-40cm		Bu :6 brks :C	3L	6/m²	188no.
Spiraea japonica 'Shirobana'	30-40cm		Bu :6 brks :C	3L	6/m²	89no.
Symphoricarpos x chenaultii 'Hancock'		40-60cm	Br :3 brks :C	2L	3/m²	46no.
Viburnum davidii		30-40cm	Bu: 4 brks: : C	5-7.5L	3/m²	50no.
Viburnum tinus 'Eve Price'		30-40cm	Bu: 4 brks: : C	3L	3/m²	29no.
Vinca minor		15-20cm	SeSh :3 brks :C	2L	8/m²	72no.
Vinca minor 'Alba'	15-20cm		SeSh :2 brks :C	1.5L	8/m²	944no.
Vinca minor 'Gertrude Jekyll'	20-30cm		SeSh :3 brks :C	3L	8/m²	271no.
Weigela 'Ebony & Ivory'		40-60cm	Br :4 brks :C	3L	3/m²	50no.
						Total :8875no.

HEDGES

Species	Height	Specification	Pot Size	Density	Quantity
Escallonia 'Iveyi'	60-80cm	Branched :5/7 brks :C	5L	0.45Ctr	135no.
Euonymus japonicus 'Jean Hugues'	30-40cm	Br :3 brks :C	3L	0.35Ctr	906no.
Griselinia littoralis	40-60cm	Bu :3 brks :C	3L	0.45Ctr	548no.
Osmanthus x burkwoodii	30-40cm	Br :4 brks :C	3L	0.4Ctr	649no.
Prunus laurocerasus ETNA	40-60cm	Bu :5 brks :C	5-7.5L	0.6Ctr	333no.
					Total :2571no.

CLIMBERS

Species	Height	Specification	Pot Size	Density	Quantity
Clematis armandii	100-150cm	Caned: Several Shoots: 3 brks: C	10L	Counted	10no.
Hedera algeriensis 'Gloire de Marengo'	100-150cm	Several Shoots :5 brks :Caned :C	10L	Counted	7no.
Lonicera japonica 'Hall's Prolific'	100-150cm	Caned x 3: Several Shoots: 5 brks: C	10L	Counted	13no.
Lonicera periclymenum 'Serotina'	100-150cm	Caned :SeSh :5 brks :C	10L	Counted	8no.
					Total :38no.

GRASSES

Species	Specification	Pot Size	Density	Quantity
Anemanthele lessoniana	C :Full Pot	2L	5/m²	239no.
Calamagrostis 'Karl Foerster'	C :Full Pot	3L	6/m²	164no.
Carex morrowii 'Fisher's Form'	C :Full Pot	1L	6/m²	806no.
Deschampsia cespitosa 'Goldschleier'	C :Full Pot	2L	8/m²	299no.
Liriope muscari	C :Full Pot	0.5L	8/m²	194no.
Liriope muscari 'Monroe White'	C :Full Pot	0.5L	8/m²	74no.
Luzula nivea	C :Full Pot		6/m²	56no.
Stipa tenuissima	C :Full Pot	3L	8/m²	282no.
				Total :2114no.

FERNS

Species	Specification	Pot Size	Density	Quantity
Blechnum spicant	C :Full Pot	1.5-2L	6/m²	255no.
Polystichum polyblepharum	C :Full Pot	1.5-2L	6/m²	255no.
				Total :510no.

HERBACEOUS

Species	Specification	Pot Size	Density	Quantity
Bergenia schmidtii	C :Full Pot	3L	5/m²	107no.
Ceratostigma plumbaginoides	C :Full Pot	3L	5/m²	145no.
Echinacea purpurea 'White Swan'	C :Full Pot	3L	8/m²	12no.
Geranium 'Orion'	C :Full Pot	3L	8/m²	115no.
Liatris spicata	C :Full Pot	3L	8/m²	82no.
Persicaria amplexicaulis 'Alba'	C :Full Pot	3L	6/m²	29no.
Salvia nemorosa 'Amethyst'	C :Full Pot	3L	8/m²	115no.
Stachys byzantina	C :Full Pot	2L	8/m²	27no.
Verbena bonariensis	C :Full Pot	2L	5/m²	21no.
				Total :653no.

BULBS

Species	Specification	Density	Quantity
Allium 'Purple Sensation'	Grade 12/+	6/m²	121no.
Allium sphaerocephalon	Grade 4/5	Fixed no.	590no.
Galanthus nivalis	Grade 5/6	Fixed no.	240no.
Narcissus 'Thalia'	Grade 10/12	Fixed no.	120no.
			Total :1071no.

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