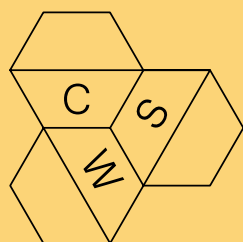


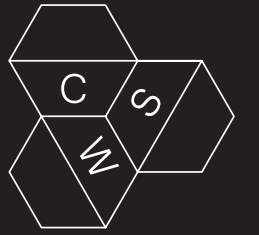
September 2023

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JD Sports Hub: Phase 1
Planting Specification & Schedule
2206-CWS-XX-XX-SH-L-705_T02



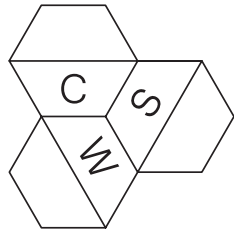
CW Studio
Landscape Architects

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01 Tree & Hedge



Tree & Hedge Planting

Plaza Tree

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %		Number
Carpinus betulus 'Frans Fontaine'	Hornbeam 'Frans Fontaine'	20-25	500-550	RB	3x; Semi-mature; clear stem min. 200cm		Counted	4
Ginkgo biloba	Maidenhair Tree	18-20	400-600	RB	4x; EHS; clear stem min. 200cm		Counted	3
Pinus nigra	Austrian Pine		250-300	70-120L	Leader with laterals; feathered to base		Counted	2

Rain Garden Tree

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %		Number
Acer campestre 'Streetwise'	Field Maple 'Streetwise'	12-14	350-425	45-85L	HS; clear stem min. 200cm; 5 brks		Counted	4
Alnus glutinosa	Common Alder		450-500	RB	4x; Multi-stem; bushy; 3 stems min.		Counted	4
Prunus padus	Bird Cherry	12-14	350-425	45-85L	HS; clear stem 175-200cm; 5 brks		Counted	4

Ornamental Tree

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %		Number
Amelanchier lamarckii	Juneberry		300-350	RB	3x; Multi-stem; bushy; 3 stems min.		Counted	2
Betula utilis jacquemontii	White-barked Himalayan Birch	14-16	400-450	RB	3x; EHS; clear stem 175-200cm; 5 brks		Counted	1
Betula utilis jacquemontii	White-barked Himalayan Birch		300-350	RB	3x; Multi-stem; bushy; 2 stems		Counted	1

Whip Planting

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Alnus glutinosa	Common Alder		60-80	B	1+1; Transplant - seed raised	30.00	0.5	120
Betula nigra	River Birch		125-150	B	2x; Feathered; 3 brks	30.00	0.5	120
Crataegus monogyna	Common Hawthorn		100-125	B	1+2; Transplant - seed raised	40.00	0.5	160

Boundary Tree

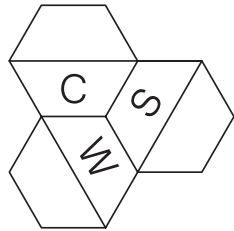
Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %		Number
Alnus glutinosa	Common Alder	25-30	550-600	RB	4x; Large Feathered		Counted	2
Betula pendula	Common Silver Birch	35-40	600-700	RB	4x; Semi-mature; clear stem min. 200cm		Counted	2
Betula pendula	Common Silver Birch		500-600	150-200L	Multi-stem; bushy; 3 stems min.		Counted	2
Pinus nigra	Austrian Pine	45-50	600-700	RB	7x; Semi-mature; 200-300cm spread; clear stem min. 200cm		Counted	3
Quercus palustris	Pin Oak	25-30	550-600	250-350L	Semi-mature; clear stem min. 200cm		Counted	3

Hedge Planting

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m	Number
Carpinus betulus	Common Hornbeam		60-80	2L	1+1; Transplant - seed raised; branched; 3 brks		5	110

TOTALS	547
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02 Woodland



Woodland Planting

Shrubs

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Cornus sanguinea	Common Dogwood		40-60	3L	Branched; 4 brks	30	1	368
Ilex aquifolium	Common Holly		40-60	3L	Bushy; 3 brks	20	1	245
Prunus spinosa	Blackthorn		40-60	3L	Branched; 5 brks	15	1	184
Viburnum lantana	Wayfaring Tree		30-40	3L	Branched; 4 brks	20	1	245
Viburnum tinus	Laurustinus		30-40	3L	Bushy; 4 brks	15	1	184

Perennials

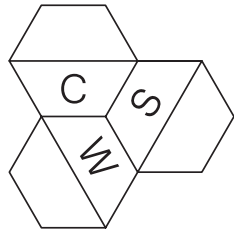
Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Allium ursinum	Wild Garlic			50cc min.	Plug; established root 2-3 months min.; Sept to April planting; British native-origin	5	4	245
Anemone nemorosa	Wood Anemone			2L	Full pot	5	4	245
Angelica sylvestris	Wild Angelica			0.5L	Full pot; Sept to April planting; British native-origin	2.5	4	122
Asplenium scolopendrium	Hart's Tongue Fern			1.5-2L	Full pot	10	4	490
Blechnum spicant	Hard Fern			1.5-2L	Full pot	10	4	490
Brachypodium sylvaticum	Slender False-brome			0.5L	Full pot; Sept to April planting; British native-origin	5	4	245
Digitalis purpurea	Foxglove			0.5L	Full pot	2.5	4	122
Dryopteris filix-mas	Male Fern			1.5-2L	Full pot	5.00	4	245
Eranthis hyemalis	Winter Aconite				Grade 4/5	2.5	4	122
Galium odoratum	Sweet Woodruff			0.5L	Full pot	2.5	4	122
Helleborus niger	Christmas Rose			2L	Full pot	12.5	4	612
Liriope muscari	Big Blue Lilyturf			2L	Full pot	15	4	735
Luzula sylvatica	Great Wood-rush			2L	Full pot	2.5	4	122
Primula vulgaris	Primrose			0.5L	Full pot	10	4	490
Pulmonaria officinalis 'Sissinghurst White'	Lungwort 'Sissinghurst White'			0.5L	Full pot	10.00	4	490

Bulbs

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Fritillaria meleagris	Snake's Head Fritillary				Grade 5/6	25	4	600
Galanthus nivalis	Common Snowdrop				Grade 5/6	25	4	600
Hyacinthoides non-scripta	English Bluebell				Grade 6/7	50	4	1200

TOTALS	11053
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03 Campus & Bulb



Campus Planting

Perennials

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Achillea 'Terracotta'	Yarrow 'Terracotta'			0.5L	Full pot	5.00	6	32
Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass 'Karl Foerster'			2L	Full pot	10.00	6	63
Calamagrostis brachytricha	Korean Feather Grass			2L	Full pot	10.00	6	63
Centaurea montana alba	White Mountain Knapweed			0.5L	Full pot	2.00	6	13
Corydalis lutea	Yellow Corydalis			0.5L	Full pot	2.00	6	13
Iris chrysographes 'Black Knight'	Black Iris 'Black Knight'			0.5L	Full pot	5.00	6	32
Papaver orientale 'Patty's Plum'	Oriental Poppy 'Patty's Plum'			0.5L	Full pot	2.00	6	13
Perovskia 'Blue Spire'	Russian Sage 'Blue Spire'		20-30	2L	Bushy; 3 brks	5.00	6	32
Phlomis fruticosa	Jerusalem Sage		30-40	5-7.5L	Branched; 5 brks	10.00	6	63
Rudbeckia fulgida sullivantii 'Goldsturm'	Black-eyed Susan 'Goldsturm'			0.5L	Full pot	10.00	6	63
Salvia x sylvestris 'Mainacht'	Sage 'Mainacht'			2L	Full pot	5.00	6	32
Sarcococca hookeriana digyna	Sweet Box digyna		30-40	5L	Bushy; 6 brks	5.00	6	32
Sesleria autumnalis	Autumn Moor Grass			2L	Full pot	2.00	6	13
Stachys byzantina	Lambs' Ears			2L	Full pot	2.00	6	13
Stipa arundinacea	Pheasant's Tail Grass			2L	Full pot	10.00	6	63
Stipa tenuissima	Mexican Feather Grass			2L	Full pot	10.00	6	63
Verbena bonariensis	Argentinian Vervain			2L	Full pot	5.00	6	32

Bulbs

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Allium sphaerocephalon	Round-headed Leek				Grade 5/+	20.00	1	20
Camassia leichtlinii 'Alba'	White Indian Lily				Grade 14/+	20.00	1	20
Crocus chrysanthus 'Zwanenburg Bronze'	Golden Crocus 'Zwanenburg Bronze'				Grade 5/7	20.00	1	20
Tulipa 'Queen of Night'	Tulip 'Queen of Night'				Grade 11/12	20.00	1	20
Tulipa 'Spring Green'	Tulip 'Spring Green'				Grade 11/12	20.00	1	20

TOTALS	735
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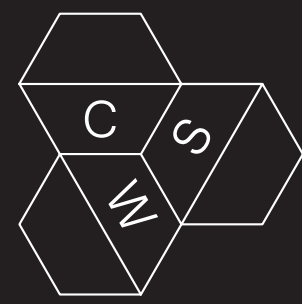
Bulb Swathes

Botanical Name	Common Name	Girth/ Dia. cm	Height cm	Root Zone	Specification	Mix %	per m²	Number
Allium moly	Golden Garlic				Grade 5/6	10.00	50	100
Camassia leichtlinii 'Alba'	White Indian Lily				Grade 14/+	30.00	50	300
Crocus chrysanthus 'Snow Bunting'	Golden Crocus 'Snow Bunting'				Grade 5/7	10.00	50	100
Crocus chrysanthus 'Zwanenburg Bronze'	Golden Crocus 'Zwanenburg Bronze'				Grade 5/7	10.00	50	100
Galanthus nivalis	Common Snowdrop				Grade 5/6	15.00	50	150
Narcissus obvallaris	Tenby Daffodil				Grade 8/10	5.00	50	50
Narcissus 'Tête-à-Tête'	Daffodil 'Tête-à-Tête'				Grade 10/12	10.00	50	100
Narcissus 'Thalia'	Daffodil 'Thalia'				Grade 10/12	10.00	50	100

TOTAL	1000
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