

RPS Tree and Shrub Schedule

Client: Redcar Holdings Limited

Project: Redcar Energy Centre

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Status: For Planning

Date: June 2020

Revision: B

Abbr	Botanical name	Common name	Girth / size	Stock	Density/ %
A. Tree Planting					
Crtg mn	<i>Crataegus monogyna</i>	Hawthorne	1.7-2.0m	Feather / B	
Srbs ac	<i>Sorbus aucuparia</i>	Rowan	1.7-2.0m	Feather / B	
Cry av	<i>Corylus avellana</i>	Hazel	2.0m/25L	Multi-Stem / B	
Aln gl	<i>Alnus glutinosa</i>	Alder	2.0m	Multi-Stem / B	
B. Hedge and Shrub Mix Planting					
i. Ornamental Single Species Hedge - (3/m)					
Ery jp	<i>Euonymus japonicus</i>	Japanese spindle	5L	C	3.00/m
Grs lt	<i>Grisebinia littoralis</i>	New Zealand Broadleaf	5L	C	3.00/m
ii. Shrub Mix Planting - (1/m2)					
Cms sn	<i>Cornus sanguinea</i>	Common Dogwood	60-80cm	B	30%
Crtg mn	<i>Crataegus monogyna</i>	Common Hawthorn	60-80cm	B	15%
Cryls av	<i>Corylus avellana</i>	Common Hazel	60-80cm	B	25%
Rs cn	<i>Rosa Canina</i>	Dog Rose	60-80cm	B	15%
Tmrx rm R	<i>Tamarisk ramosissima 'Rubra'</i>	Red Tamarisk	3L	C	15%
					100%
iii. Naturalistic Groundcover Mix Planting (5/m2)					
Aj rp	<i>Ajuga reptans 'Alba'</i>	Bugle	1L	C	20%
Armr mr S	<i>Artemisia maritima</i>	Thrift	1L	C	15%
Grn cnr B	<i>Geranium cinereum 'Ballerina'</i>	Hardy Geranium	1L	C	15%
Hdr hl	<i>Hedera helix</i>	Ivy	1L	C	15%
Prm vl	<i>Primula vulgaris</i>	Wild Primula	1L	C	15%
Vnc mn	<i>Vinca minor</i>	Lesser Periwinkle	1L	C	20%
					100%
Groundcover shrubs planted at 5.00/m2, in single species drifts / groups of 10 - 35No.					
C. Amenity Planted Areas					
i. Marram Grass Planting					
Amm arn	<i>Ammophila arenaria</i>	Marram grass	3L	C	3.00/m2
ii. Ornamental Amenity Shrub Planting					
Csts crb SR	<i>Cistus x corbariensis 'Silver Pink'</i>	Rock Rose	3L	C	3.00/m2
Gns ly	<i>Genista lydia</i>	Broom	3L	C	4.00/m2
Lvn an H	<i>Lavandula angustifolia 'Hidcote'</i>	Lavander	3L	C	3.00/m2
Cnvlv cn	<i>Convolvulus cneorum</i>	Bush Morning Glory	3L	C	4.00/m2
Snt ch	<i>Santolina chamaecyparissus</i>	Cotton Lavander	3L	C	3.00/m2
iii. Specimen Shrub Planting					
Cms sn	<i>Cornus sanguinea</i>	Common Dogwood	10L	C	
Hpp rh	<i>Hippophae rhamnoides</i>	Sea Buckthorn	10L	C	
Mscn x g	<i>Miscanthus x giganteus</i>	Giant Chinese Silver Grass	10L	C	
Osmnt br	<i>Osmanthus burkwoodii</i>	Burkwood Osmanthus	10L	C	
D. Bulb Planting					
i. Spring bulb mix					
Cr ar DY	<i>Camassia quamash</i>	Common Camassia	8/+cm	BI	50%
Nrc cy FG	<i>Narcissus cyclamineus 'February Gold'</i>	Daffodil 'February Gold'	8/10cm	BI	50%
					100%
E. Grass and Meadow Areas					
i. Amenity Grass Mix					
		A18 Road Verge and Embankments (Germinal or similar)		S	35g/m2
ii. Meadow Mix					
		EM7 Meadow Mixture for Sandy Soils (Emorsgate or similar)		S	4g/m2
iii. Flood Meadow Mix					
		EG8 Meadow Mixture for Wetlands (Emorsgate or similar)		S	5g/m2
iv. Tussock Mix					
		EM10 Tussock Grass Mixture (Emorsgate or similar)		S	5g/m2
F. Habitat Enhancement Areas					
i. Broken Turf / Stony Areas					
This is a specific habitat for the Wall Butterfly (please refer to Appendix 7.2 for further information of habitat enhancement measures)					
Within these areas the specified grassland in which they are located would be broken up with areas of gravel and stones.					
The below grassland species would be sown within the immediate vicinity;					
	<i>Brachypodium pinnatum</i>	Tor-grass		S	5g/m2
	<i>Brachypodium sylvaticum</i>	False Brome		S	5g/m2
	<i>Dactylis glomerata</i>	Cock's-foot		S	5g/m2
	<i>Agrostis spp</i>	Bentgrass		S	5g/m2
	<i>Deschampsia flexuosa</i>	Wavy Hair-grass		S	5g/m2
	<i>Holcus lanatus</i>	Yorkshire-fog		S	5g/m2
ii. Small Water Body					
This is a specific habitat for invertebrates (please refer to Appendix 7.2 for further information of habitat enhancement measures)					
These shallow pools will be sown with wet meadow (EG8) and be planted with areas of the following marginal shrubs;					
	<i>Butomus umbellatus</i>	Flowering Rush	P9	C / B	15%
	<i>Caltha palustris</i>	Marsh Marigold	P9	C / B	15%
	<i>Myosotis scorpioides</i>	Water Forget-me-not	P9	C / B	15%
	<i>Mentha aquatica</i>	Water mint	P9	C / B	15%
	<i>Iris pseudacorus</i>	Yellow Iris	P9	C / B	15%
	<i>Juncus effusus</i>	Corkscrew rush	P9	C / B	10%
	<i>Lythrum salicaria</i>	Purple Loosestrife	P9	C / B	15%
		Marginal mix planted at 0.5m/cs, in single species groups of 3 - 12 No.			100%

Notes: Species listed above are subject to commercial availability / viability

Any alterations to species, stock sizes or planting densities shall only be with prior consent of the CA / LA

Stock Abbreviations:

B = Bare root

BI = Bulb

C = Container grown

S = Seed