



Legend

- Main planting area
- Perimeter 10m buffer planting zone
- Proposed Red Line Boundary

Soil - silty sandy substrate
 PH range - 7.2 - 8.8
 Species have been selected to suit soil type as noted.

Alt 1
 10m perimeter 4,500sq.m.
 Main Area 11,500sq.m.

PROPOSED NATIVE WOODLAND PLANTING						
Main Planting Area - Mixed, native Alder/Oak/Birch woodland for Brown Earth (fertile, calcareous soils) in exposed coastal location						
Plot code	Main Planting Area	Plant spacing (m centres)	1.2			
Area (sq.m.)	11500	Plant/sq.m.	0.69			
Common name	Species	Size	Form	Root	% Mix	Quantity
Alder	Alnus glutinosa	60-90cm	Transplant, 0/1/1br		20.00%	1597
Blackthorn	Prunus spinosa	60-90cm	Transplant, 0/1/1br		10.00%	799
Hawthorn	Crataegus monogyna	60-90cm	Transplant, 0/1/1br		10.00%	799
Pedunculate oak	Quercus robur	60-90cm	Transplant, 1+2 br		10.00%	799
	Sorbus hibernica/S. intermedia	60-90cm	Transplant, 1+2 br		5.00%	399
Whitebeam	Corylus avellana	60-90cm	Transplant, 0/1/1br		10.00%	799
Hazel	Betulus pubescens	60-90cm	Transplant, 0/1/1br		10.00%	799
Downy birch	Ilex aquifolium	20-30cm	Cell grown	P9, CG	10.00%	799
Holly	Sorbus aucuparia	60-90cm	Transplant, 0/1/1br		5.00%	399
Rowan	Pinus sylvestris	30-50cm	Cell grown	P9, CG	10.00%	799
Scots Pine					10.00%	799
				Total	100.00%	7986
Perimeter Edge Mix - Mixed native woodland edge for Brown Earth (fertile, calcareous soils) in exposed coastal location						
Plot code	Perimeter Edge Mix	Plant spacing (m centres)	1.2			
Area (sq.m.)	4500	Plant/sq.m.	0.69			
Common name	Species	Size	Form	Root	% Mix	Quantity
Alder	Alnus glutinosa	60-90cm	Transplant, 0/1/1br		30.00%	938
Blackthorn	Prunus spinosa	60-90cm	Transplant, 0/1/1br		15.00%	469
Hawthorn	Crataegus monogyna	60-90cm	Transplant, 0/1/1br		20.00%	625
Wild privet	Ligustrum vulgare	60-90cm	Transplant, 0/1/1br		10.00%	313
Holly	Ilex aquifolium	20-30cm	Cell grown	P9, CG	10.00%	313
Spindle	Euonymus europaeus	60-90cm	Transplant, 0/1/1br		5.00%	156
Guelder Rose	Viburnum opulus	60-90cm	Transplant, 0/1/1br		10.00%	313
				Total	100.00%	3125

PL1	22.03.21	SB	SO'S	MW
Rev	Date	By	Chkd	Appd



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Client
 Sure Partners Limited



Project Title
 Arklow Bank Wind Park
 Phase 2
 Onshore Grid Infrastructure

Drawing Title
 Landfall Site Coastal Woodland
 Alternative 1 - Landscape Plan

Scale at A1
 1:500

Role
 Civil

Suitability
 Planning

Arup Job No	Rev
271715-00	PL1

Name
 ONS-LF-010