

LEGEND:

	EXISTING BOUNDARY VEGETATION RETAINED (1,120 linear m)
	LOW CANOPY WOODLAND MIX (8,325sqm)
	RIPARIAN GRASS AND HERB MIX (6,411sqm)
	SPECIES DIVERSE GRASSLAND MIX (33,483sqm)
	LOW SCRUB MIX (550sqm)
	PROPOSED HEDGEROW (166 linear m)
	OPEN SPACE
	PROPOSED DEVELOPMENT BOUNDARY
	EXISTING TREES
	PROPOSED SWALE/BUND
	2.6m PALISADE FENCE
	CABLE ROUTE

NOTES:

The function of the proposed mitigation planting is primarily for screening and softening of the proposed development, but it will also enhance the ecological corridors within the surrounding area.

Hedgerows
Mitigation screen planting shall consist of a mixture of native species that are prevalent in the immediate area. Hedgerow planting to consist of feathered whips (of various sizes) and advanced nursery stock (standard trees) in staggered rows at a spacing of 600mm. 'Under-planting' to consist of a single row of whips to the development side of existing tree lines and hedgerows. 'Inter-planting' to consist of whips at 400mm centres to fill gaps in existing tree lines and hedgerows.

All native hedgerow species will be planted as whips, with the primary and secondary structure species to be of a minimum height of 90cm and the other shrubs species to be of a minimum height of 60cm.

Low-Canopy Woodland Planting Mix
Woodland planting mix to comprise of High Canopy Dominants (<10%), Low-canopy: Sub-dominants (25-30%), Understorey and Fringe: High-Shrubs (25-40%) and Understorey and Edge: Lower-Shrubs (15-25%). Planting to be allowed to grow to reach maturity. Trees to be planted at varying distances from 1.5m x 1.5m to 3.0m x 3.0m. Smaller shrubs to be planted at spacing between 900mm and 1500mm centres depending on species.

NATIVE HEDGEROW SPECIES:

Botanical name	Common name	Size	%
<i>Shrub structure:</i>			
<i>Alnus glutinosa</i>	Alder	90-120cm / 8-10cm girth, 2m to standard trees	60%
<i>Secondary structure:</i>			
<i>Prunus spinosa</i>	Blackthorn	90-120cm	15%
<i>Ilex aquifolium</i>	Holly	90-120cm	15%
<i>Shrub species structure:</i>			
<i>Rubus fruticosus</i>	Bramble	60-90cm	2.5%
<i>Corylus avellana</i>	Hazel	60-90cm	2.5%
<i>Rosa canina</i>	Dog-rose	60-90cm	2.5%
<i>Euonymus europaeus</i>	Spindle	60-90cm	2.5%

SCREEN PLANTING MIX SPECIES:

Botanical name	Common name	Size	%
<i>High Canopy (Dominants):</i>			
<i>Quercus Robur</i>	Pedunculate Oak	200-250cm tree size	<20%
<i>Pinus sylvestris</i>	Scots Pine	200-250cm tree size	
<i>Low Canopy (Sub-dominants):</i>			
<i>Alnus glutinosa</i>	Alder	200-250cm tree size	20-25%
<i>Betula pubescens</i>	Drooping Birch	200-250cm tree size	
<i>Prunus avium</i>	Wild Cherry	80-100cm tree size	
<i>Understorey and fringe (higher shrubs):</i>			
<i>Prunus Padus</i>	Bird Cherry	90-120cm	
<i>Corylus avellana</i>	Hazel	90-120cm	
<i>Ilex aquifolium</i>	Holly	90-120cm	20-40%
<i>Crataegus monogyna</i>	Hawthorn	90-120cm	
<i>Understorey and fringe (lower shrubs):</i>			
<i>Prunus spinosa</i>	Blackthorn	40-60cm	15-25%
<i>Rosa-canina</i>	Dog-rose	40-60cm	
<i>Euonymus europaeus</i>	Spindle	40-60cm	

REVISIONS:

No.	Description	Date
2.	Draft	27/11/2023
3.	Revised bund	18/12/2023
4.	Revised redline	05/01/2024
5.	Issued	12/01/2024
6.	Title revisions	07/02/2024
7.	Client comments	26/04/2024
8.	Client comments	30/04/2024
9.	Client comments	02/05/2024

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Site location:
 Bremore townland, Balbrigan,
 COUNTY DUBLIN

Drawing Title:
Grid Facility Landscape Plan

Project:
 North Irish Sea Array
 Offshore Wind Farm

Drawn by:
 JB

Checked by:
 RB

Drawing Ref:
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Scale:
 1:1000 @ A1

Date:
 MAY 2024

ISSUED

