

LEGEND

	EXISTING BOUNDARY VEGETATION RETAINED (1,120 linear m)
	LOW CANOPY WOODLAND MIX (9,749sqm)
	RIPARIAN GRASS AND HERB MIX (5,284sqm)
	SPECIES DIVERSE GRASSLAND MIX (30,427sqm)
	LOW SCRUB MIX (550sqm)
	PROPOSED HEDGEROW (166 linear m)
	OPEN SPACE
	PROPOSED DEVELOPMENT BOUNDARY
	EXISTING TREES
	PROPOSED BUND & STORMWATER BASIN
	BOUNDARY CONCRETE POST AND RAIL FENCE

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>Primary 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>	Pedunculata Oak	100-120cm tree	<20%
<i>Pinus sylvestris</i>	Scots Pine	20-30cm tree	
<i>Low Canopy (Sub-dominants):</i>			
<i>Alnus glutinosa</i>	Alder	20-30cm tree	
<i>Betula pubescens</i>	Drooping Birch	20-30cm tree	20-25%
<i>Prunus avium</i>	Wild Cherry	20-30cm tree	
<i>Understorey and fringe (higher shrubs):</i>			
<i>Prunus Frabus</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	
<i>Rosa-canina</i>	Dog-rose	40-60cm	15-25%
<i>Euonymus europaeus</i>	Spindle	40-60cm	

REVISIONS:

No.	Description	Date
9.	Client comments	02/05/2024
10.	Alternative revised layout	09/12/2024
11.	Alternative drainage revised	17/12/2024
12.	Client comments	21/01/2025
13.	Client comments	23/01/2025
14.	Client comments	29/01/2025
15.	Client comments	07/02/2025
16.	Client comments	10/03/2025

Prepared by:
MACRO WORKS,
HIBERNIA HOUSE,
CHERRYWOOD BUSINESS PARK,
LOUGHLINESTOWN, DUBLIN 18
00353 (01) 2303585
info@macroworks.ie

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:
281240_MCR_ONS_GF_DR_YE_1010 rev 1

Scale: 1:1000 @ A1
Date: MARCH 2025

ISSUED

