

Grange Castle Golf Course

PROPOSED NATIVE TREES:

NR	PLANT NAME	HT	GIRTH	ROOT
Trees				
6	<i>Alnus glutinosa</i>	2-3m	8-10cm	B
28	<i>Alnus glutinosa</i>	3-4m	12-14cm	FB
37	<i>Betula pendula</i>	3-4m	12-14cm	FB
12	<i>Prunus avium</i>	2-3m	8-10cm	B
23	<i>Quercus robur 'fastigiata'</i>	3-4m	12-14cm	FB
17	<i>Salix caprea</i>	2-3m	8-10cm	B
15	<i>Sorbus aucuparia</i>	2-3m	8-10cm	B
38	<i>Sorbus aucuparia</i>	3-4m	12-14cm	FB
Conifers				
12	<i>Pinus sylvestris</i>	250-300cm		FB

NATIVE WOODLAND MIX (795sqm):

Botanical name	Common name	Size	%
<i>Quercus robur</i>	Pedunculated Oak	10-120cm	<20%
<i>Pinus sylvestris</i>	Scotts Pine	250-300cm	
<i>Alnus glutinosa</i>	Alder	10-120cm	
<i>Betula pubescens</i>	Downy Birch	10-120cm	20-25%
<i>Prunus avium</i>	Wild Cherry	10-120cm	
<i>Prunus Padius</i>	Crab Apple	90-120cm	
<i>Corylus avellana</i>	Hazel	90-120cm	20-40%
<i>Ilex aquifolium</i>	Holly	90-120cm	
<i>Crataegus monogyna</i>	Hawthorn	90-120cm	
<i>Prunus spinosa</i>	Blackthorn	40-60cm	
<i>Rosa canina</i>	Dogrose	40-60cm	15-25%
<i>Euonymus europaeus</i>	Spindle	40-60cm	

SPECIES RICH MEADOW - POLLINATOR FRIENDLY WILDFLOWER SEEDING (2302sqm):

Birdfoot Trefoil, Black Meddock, Cowslip, Devils Bit Scabious, Meadow Buttercup, Field Scabious, Hemp Agrimony, Kidney Vetch, Lady's Bedstraw, Lady's Ann Lac, Lesser Knapweed, Meadowweet, Mullein, Ox-eye Daisy, Purple Looseshirt, Ragged Robin, Red Campion, Red Clover, Ribwort, Plantain, Rough Hawkbit, Sorrel, St Johnswort, Wild Angelica, Wild Carrot, Yarrow, Yellow Agrimony, Yellow Rattle, Teasel and more. Also includes 35% annuals: Corn Marigold, Corn Poppy, Comcockle, Cornflower, Scordifragula.

NATIVE HEDGEROW SPECIES (516 linear m):

Botanical name	Common name	Size	%
<i>Crataegus monogyna</i>	Hawthorn	80-100cm / 10-12cm girth 3m br standard	60%
<i>Prunus spinosa</i>	Blackthorn	80-100cm	15%
<i>Ilex aquifolium</i>	Holly	80-100cm	15%
<i>Rubus fruticosus</i>	Bramble	40-60cm	2.5%
<i>Corylus avellana</i>	Hazel	40-60cm	2.5%
<i>Rosa canina</i>	Dogrose	40-60cm	2.5%
<i>Euonymus europaeus</i>	Spindle	40-60cm	2.5%

WETLAND MIX (779sqm):

Botanical name	Common name	Size	%
<i>Glyceria maxima</i>	Reed sweet-grass		
<i>Carex riparia</i>	Common sedge		
<i>Typha latifolia</i>	Reed mace		
<i>Typha angustifolia</i>	Lesser reedmace		
<i>Iris pseudacorus</i>	Yellow flag iris and similar marginal species		

Legend

Notes

The function of the proposed mitigation planting is primarily for screening, but it will also enhance the ecological value of the site and the green links throughout the wider study area.

Proposed Woodland Mix
Woodland planting mix to comprise of High Canopy Dominants (<20%), Low-canopy: Sub-dominants (20-25%), Understorey and Fringe: High-Shrubs (20-40%) 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.

Hedgerows
Mitigation screen planting shall consist of a mixture of native hedgerow species that are prevalent in the immediate area. Planting to consist of feathered whips (of various sizes) in double staggered rows at a spacing of 500mm.

All native species will be planted as whips, with the primary and secondary structure species to be of a minimum height of 80-100cm and the other shrub species to be of a minimum height of 60-90cm.

Proposed hedgerows to be maintained at a height of 3-4m unless otherwise specified.

Species Rich Meadow
Wild grass/wild flower seeding of local provenance to be planted along the roadside verge.

Species mix to be finalised in conjunction with the project ecologist. All species to be from certified native stock and preferably from an approved supplier of the Green, Low-Carbon, Agri Environment Scheme (GLAS).

REVISIONS:

NO.	DESCRIPTION	DATE
1.	CFI draft issued	18/05/2022
2.		
3.		
4.		
5.		
6.		

Prepared by:
MACRO WORKS,
HIBERNIA HOUSE,
CHERRYWOOD BUSINESS PARK,
LOUGHINSTOWN, DUBLIN 18
00353 (01) 2905555
info@macroworks.ie

Site location:
KILCABERY,
COUNTY DUBLIN

Drawing title:
LANDSCAPE PLAN (CFI) - PLANTING PLAN
Project:
PROFILE PARK POWER PLANT (CFI)

Drawn by: CD
Checked by: RB
Drawing Ref: LD.PRFLEPRK 1.2
Scale: 1:50 @ A1
Date: MAY 2022
ISSUED - CFI

