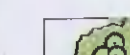



Legend:

-  NATIVE WOODLAND MIX
-  PROPOSED HEDGEROW
-  PROPOSED WILD GRASS SEEDING
-  OPEN DRAIN
-  PIPED DRAIN
-  SITE BOUNDARY

Notes:

The function of the proposed mitigation planting is primarily for screening, but it will also enhance the ecological value of the site.

Proposed Thicket / Woodland Mix
Woodland planting mix to comprise of High Canopy Dominants (<20%), Low-canopy Sub-dominants (20-25%), Understorey and Fringe: High-Strubs (20-40%) and Understorey and Edge: Lower-Strubs (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 triple staggered rows at a spacing of 600mm.

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.

Wild Flower Wild Grass Seeding
Wild grass 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).

PROPOSED NATIVE WOODLAND MIX
Comprising of a native whip planting mix and advanced nursery stock

PROPOSED WILD GRASS SEEDING
Grass mix of local provenance and pollinator friendly

PROPOSED NATIVE HEDGEROW
Hedgerow to comprise of a native whip planting mix and advanced nursery stock and to be managed at a height of 3-4m

NATIVE WOODLAND MIX SPECIES:

Botanical name	Common name	Size	%
<i>Quercus robur</i>	Pedunculate Oak	10-12m	<20%
<i>Pinus sylvestris</i>	Scots Pine	10-12m	
<i>Alnus glutinosa</i>	Allder	10-12m	20-25%
<i>Betula pubescens</i>	Downy Birch	10-12m	
<i>Prunus avium</i>	Wild Cherry	10-12m	20-40%
<i>Prunus padus</i>	Crab Apple	1+1tr 80-120cm	
<i>Corylus avellana</i>	Hazel	1+1tr 80-120cm	20-40%
<i>Ilex aquifolium</i>	Holly	1+1tr 80-120cm	
<i>Crataegus monogyna</i>	Hawthorn	1+1tr 80-120cm	15-25%
<i>Prunus spinosa</i>	Blackthorn	1+1tr 40-60cm	
<i>Rosa canina</i>	Dog-rose	1+1tr 40-60cm	15-25%
<i>Eucryphia europaea</i>	Spindle	1+1tr 40-60cm	

NATIVE HEDGEROW SPECIES:

Botanical name	Common name	Size	%
<i>Prunus spinosa</i>	Blackthorn	1+2tr 80-100cm	60%
<i>Crataegus monogyna</i>	Hawthorn	1+2tr 80-100cm	15%
<i>Ilex aquifolium</i>	Holly	1+2tr 80-100cm	15%
<i>Rubus fruticosus</i>	Bramble	1+1tr 40-60cm	2.5%
<i>Corylus avellana</i>	Hazel	1+1tr 40-60cm	2.5%
<i>Rosa canina</i>	Dog-rose	1+1tr 40-60cm	2.5%
<i>Eucryphia europaea</i>	Spindle	1+1tr 40-60cm	2.5%

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Site location:
KILCABERY,
COUNTY DUBLIN

Drawing Title:
LANDSCAPE MITIGATION PLAN

Project:
PROFILE PARK POWER PLANT

Drawn by:
CD

Checked by:
RB

Drawing Ref:
LD.PRFLEPRK 1.0

Scale:
1:500 @ A1

Date:
JUNE 2021

DRAFT

