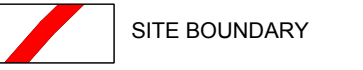


 PROPOSED NATIVE THICKET

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.

**Low-Canopy Woodland Planting Mix (NATIVE THICKET)**  
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: Low-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.

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).

Botanical name	Common name	Size	%
<b>High Canopy (Dominant):</b>			
<i>Quercus robur</i>	Pendunculate Oak	Size 17m, DBH 30cm; bark red	<10%
<i>Pinus sylvestris</i>	Scots Pine	Size 17m, DBH 30cm; bark red	
<i>Alnus glutinosa</i>	Alder	Height 10m, DBH 10cm; bark grey	25-30%
<i>Betula pubescens</i>	Dwiny Birch	Height 10m, DBH 10cm; bark grey	
<i>Prunus avium</i>	Wild Cherry	Height 10m, DBH 10cm; bark grey	
		1-10 m, DBH 5cm; bark grey	
<b>Intermediate and Edge (higher strata):</b>			
<i>Prunus spinosa</i>	Crab Apple	1-10 m, DBH 5-10cm	25-40%
<i>Corylus avellana</i>	Hazel	1-10 m, DBH 5-10cm	
<i>Ilex aquifolium</i>	Holly	1-10 m, DBH 5-10cm	
<i>Crataegus monogyna</i>	Hawthorn	1-10 m, DBH 5-10cm	
<b>Shrub and Tree Layer (lower strata):</b>			
<i>Prunus spinosa</i>	Blackthorn	1-10 m, DBH 40-60m	15-25%
<i>Rosa canina</i>	Dog-rose	1-10 m, DBH 40-60m	
<i>Euconymus europaeus</i>	Spindle	1-10 m, DBH 40-60m	

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

Site location:

PAINESTOWN,  
COUNTY MEATH

Drawing Title:  
LANDSCAPE PLAN

Project:

ALTERATIONS TO THE PERMITTED WWTP

Drawn by: CD	Checked by: RB
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Drawing Ref: LD.DWNMTS 1.0

Scale:	Date:
1:250 @ A1	JANUARY 2022

DRAFT