



NATIVE WOODLAND MIX:
High Canopy and Low Canopy species to be planted at 1.5m centres. Shrubs to be planted at 900mm centres

Botanical name	Common name	Size	%
High Canopy (Dominants);			
Quercus Robur	Pendunculate Oak	Standard Tree, 200-300cm, bare root	<20%
Pinus sylvestris	Scots Pine	Feathered Trees, 200-300cm, root ball	
Low Canopy (Sub-dominants);			
Alnus glutinosa	Alder	Feathered Trees, 200-300cm, bare root	20-25%
Betula pubescens	Downy Birch	Feathered Trees, 200-300cm, bare root	
Prunus avium	Wild Cherry	90-120cm, bare root	
Understory and fringe (higher shrubs);			
Prunus Padus	Crab Apple	90-120cm	20-40%
Corylus avellana	Hazel	90-120cm	
Ilex aquifolium	Holly	90-120cm	
Crataegus monogyna	Hawthorn	90-120cm	
Understory and edge (lower shrubs);			
Prunus spinosa	Blackthorn	40-60cm	15-25%
Rosa-canina	Dog-rose	40-60cm	
Euonymus europaeus	Spindle	40-60cm	

RIPARIAN MIX:
3 plants per sqm

Botanical name	Common name
Glyceria maxima	Reed sweet-grass
Carex riparia	Common sedge
Typha latifolia	Reed mace
Typha angustifolia	Lesser reedmace
Salix caprea	Goats willow
Salix cinerea	Eared willow
Iris pseudacorus and other similar marginal species	



Registered
Landscape
Architect
2024-25

Legend:

 PROPOSED NATIVE WOODLAND MOSAIC

 EXISTING VEGETATION

 SITE BOUNDARY

 PROPOSED NATIVE TREES

 PROPOSED NATIVE BERM

 RETAINED FARMLAND

Notes

The function of the propose planting is primarily for the enhancement of biodiversity, but it will also enhance the ecological corridors that area already present within the surrounding trees lines and hedgerows.

It is imperative to use native Irish species in so far as possible as they are adapted to Irish conditions and therefore more likely to thrive compared to imported stock. Selected species should also represent woodland and hedgerows in the surrounding environs although non-native species are not to be used, unless otherwise agreed with the Planning Authority.

All plants supplied shall be exactly true to name as shown in the plant schedules. Varieties with variegated and/or coloured leaves will not be accepted, and any plant found to be of this type upon leaving-out shall be replaced by the contractor. Bundles of plants shall be marked in conformity with BS3098: Part 1: 1985 and BS3098: part 4: 1980. The nursery supplier shall replace any plants which, on leaving out, are found not to conform to the labels.

Hedgerows
Mitigation screen planting shall consist of a mixture of native hedgerow species that are prevalent in the immediate area. Planting of existing hedgerows to consist of feathered whips (of various sizes) and advanced nursery stock (where necessary) in staggered rows at a spacing of 800mm.

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 40-60cm.

Woodland Mix
Native thicket/woodland mix will consist of high canopy (dominant) species, low canopy (sub-dominant) species, understory and fringe (higher shrubs) species, and understory and edge (lower shrub) species. They will comprise a mix of advanced nursery stock and whip planting of local provenance.

Species mix to be finalised in conjunction with the project ecologist.

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Prepared for:
RED ROCK QUARRY

Site location:
COUNTY CARLOW

Drawing Title:
LANDSAPE RESTORATION PLAN

Project:
RED ROCK QUARRY

Drawn by:
MM&K

Checked by:
RB

Drawing Ref:
LD.REDROCKQUARRY 1.0

Scale:
1:2000 @ A1

Date:
JULY 2025

PLANNING