

## SUMMARY OF EXISTING VEGETATION

The site is currently in use as pasture and laid to grassland. The majority of trees are in the southwest portion of the site and clustered around the Water Treatment facility. In fact, most of these trees lie beyond the site boundary within the facility grounds. But, they visually interact with the site and have root zones that cross the site boundary and a thus included within the vegetation investigations.

The naturalised hedgerows consist of 3 primary species: Elm, Ash and Hawthorn. The Elm and Ash are diseased and dying (or already dead). The highest quality trees are the non-native Sycamore, most of which are located beyond the site boundary.

There are no trees to the southern boundary. The northern and eastern boundaries can be considered scrub ditches. The central hedgerow (H11) is healthy, but overwhelmed by Gorse. These ditches provide a degree of biodiversity, but due to lack of mature trees, their value can be easily replaced. It would appear that thorn species (Hawthorn, Blackthorn) are performing well in this environment.

## **HEDGEROW DESCRIPTION**

No.	Quality	<u>Description</u>
H1	poor	70% dead Elm; rubble ditch with 3 compromised Hawthorn, 3-4m tall; Nettle, Bramble, Elder emerging understorey
H2	poor	60% dead Elm; 1 mature diseased Ash, 15m tall; good Hawthron at southern end, 4-7m tall; 19m gap in hedge
НЗ	fair	Tall sod/stone ditch with mixed thorn species and thick field layer; 2-5m tall; much of it sits under canopies of adj. mature trees (H7)
H4	fair	Dominated by Blackthorn, planted from nursery species; 3-5m tall, thin at ground level
H5	poor	Sod ditch between road and facility; large gaps with no vegetation; clusters of dying Elm, good small Hawthorn, 1 large Ash
Н6	good	Tree line inside facility fenceline; uniform Sycamore trees at 6m centres; 10m tall; canopies will overhang H5 in the future
H7	good	Oldest trees on (adjacent to) site; primarily Sycamore with some dying Ash; broad canopies up to 17m tall; overhangs H3
Н8	fair	Short tree line of 6 no. Ash inside facility fence, same age as H9 Sycamore; no signs of Ash Dieback; root zones within site; 14m tall
H9	good	Tree line inside facility fenceline; uniform Sycamore trees at 6m centres; root zones within site; 12m tall
H10	fair	Short tree line of 4 no. Ash inside facility fence; alive, but Ash Dieback present; 9m tall; overshadows portion of H4
H11	fair	Sod/Stone ditch dominated by Gorse, 2m tall; periodic small trees including coppiced Ash, a Privet and a line of managed Hawthorn
H12	poor	Roadside sod/stone ditch composed almost entirely of Bramble and grass, no trees; uniform 2m tall
H13	poor	Sod/Stone ditch composed primarily of Bramble and Gorse with 3 no. small trees at the southern end





Design environmental design

Alting Cottage, Ballybranagh Cloyne, County Cork tel: 0857410232 www.forestbirddesign.com Notes

1. Hedgerow numbers and description have been coordinated with the *Hedgerow Appraisal Report* by County Tree Care Ltd.

2. For proposed removals, refer drawing L204.

	Job no.	Drawn by	Scale		
1	2220	MW	1:2000		
,	Job Title			-	
	PROPOSED RESIDENTIAL DEVELOPMENT				
	BROOMFIELD, MIDLETON, CO. CORK				
	Client				
	CASTLERO	CK HOMES	(MIDLETON) LTD.		

Date Status
31.OCT.2023 PLANNING

Drawing Set
LANDSCAPE DEVELOPMENT PACKAGE
Drawing Title
Existing Vegetation

Α

Drawing No.

L203