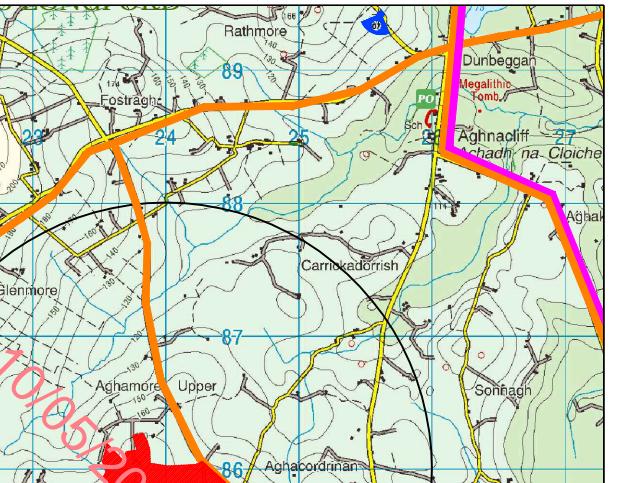




Eyelevel View

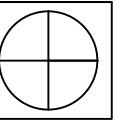


Viewpoint 7 Southwest on L1026. Photo viewpoint in a Southerly direction from an elevated location on the L1026 at St. Thomas, Church of Ireland, Rathmore, Aughnaciffe. Whilst the ZTVI suggests potential visibility, due to intervening vegetation the proposal will not be visible from this location.



Location:
Distance to Site Boundary:
Horizontal Angle of View:
Receptor Type:

Viewpoint 7
3626m
90 Degrees
Minor Road /
Church



Local Landscape & Visual Effect from this View		Magnitude (Establishment Stage)		Predicted Effect (Establishment Stage)		Magnitude (Operational Stage)		Predicted Effect (Operational Stage)		Magnitude (Restoration Stage)		Predicted Effect (Restoration Stage)		Mitigation From this location no additional visual mitigation is required.
Viewpoint	Landscape & Visual Sensitivity	Medium	Medium	Moderate (A)	Negligible (A)	Low	Very Low	Minor (A)	Negligible (A)	Very Low	Negligible (B)	Very Low	Negligible (B)	
7	Medium (Landscape) Medium(Visual)	Medium Very Low	Medium Very Low	Moderate (A) Negligible (A)	Negligible (A)	Low Very Low	Minor (A) Negligible (A)	Very Low Very Low	Negligible (A) Negligible (B)	Very Low Very Low	Negligible (B) Negligible (B)	Very Low Very Low	Negligible (B) Negligible (B)	
client	Breedon	date		April 2023		scale	NTS@A3		by	pjm		notes	Top image represents an actual eyelevel impression of the view printed at A3 & read at approx arms length. (A) = Adverse (B) = Beneficial (N) = Neutral	

Photo Viewpoint 7
fig.9.12
Aughnaciffe
Quarry Extension
Co Longford

mullin
landscape architecture
559 Ormeau Road Belfast 07775752010
pete@mullin.ie mail@mullin.ie



Eyelevel View

Panoramic View



Viewpoint 8 North from access lane off L1031. Photo viewpoint in a Northerly direction from an elevated location off the L1031 at Corn Hill. Whilst the ZTVI suggests potential visibility, due primarily to distance, both the proposed development and the existing operation are difficult to distinguish from this location . The proposals include relocation of stripped overburden partially visible from this location which would be planted with woodland species for habitat benefit.

Local Landscape & Visual Effect from this View

Viewpoint	Landscape & Visual Sensitivity	Magnitude (Establishment Stage)	Predicted Effect (Establishment Stage)	Magnitude (Operational Stage)	Predicted Effect (Operational Stage)	Magnitude (Restoration Stage)	Predicted Effect (Restoration Stage)	Mitigation
8	Medium (Landscape) Medium(Visual)	Medium Very Low	Moderate (A) Negligible (A)	Low Very Low	Minor (A) Negligible (A)	Very Low Very Low	Negligible (B) Negligible (B)	Relocation of stripped overburden to the south of the application area with woodland planting will result in establishment of a substantial screening.

client
Breedon

date
Feb 2023

scale
NTS@A3

by
pjm

notes
Top image represents an actual eyelevel impression
of the view printed at A3 & read at approx arms length.
(A) = Adverse (B) = Beneficial (N) = Neutral

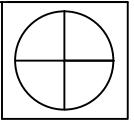
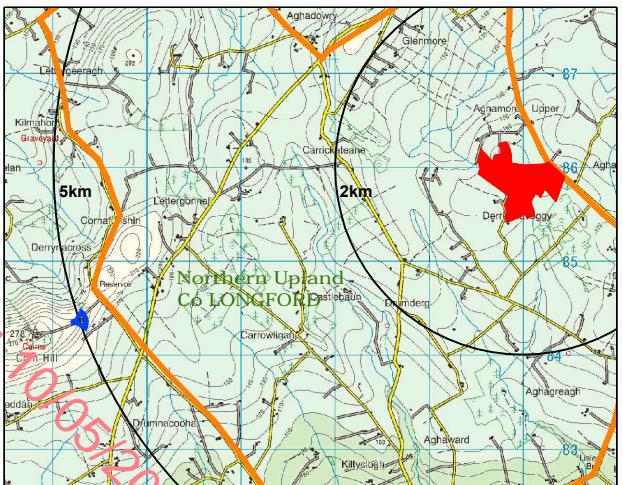


Photo Viewpoint 8

fig.9.13

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W1 PIONEER WOODLAND MIX

PLANT SCHEDULES

@3750 Plants Per Ha

W3 WET WOODLAND MIX		@3750 Plants Per Ha				
% SPECIES	SIZE	GROWN	HEIGHT/TRANSPL	DENSITY		
Ps 30	Scots Pine	60-90cm	BR / Cell	1 + 1 Branched	3750 Plants	
Sc 5	Grey Willow	60-90cm	BR / Cell	1 + 1 Branched	Per Hectare	
Bp 10	Birch (Downy)	60-90cm	BR / Cell	1 + 1 Branched		
Bpe 10	Birch (Silver)	60-90cm	BR / Cell	1 + 1 Branched		
Ap 20	Sycamore	60-90cm	BR / Cell	1 + 1 Branched		
Ps 20	Alder	60-90cm	BR / Cell	1 + 1 Branched		
Sp 5	Blackthorn	60-90cm	BR / Cell	1 + 1 Branched		

H1 LIVESTOCK HEDGEROW MIX						
%	SPECIES	COMMON NAME	SIZE	GROWN	TRANSPLANTS	PENNY PLANT
75	<i>Crataegus monogyna</i>	Hawthorn	40-60cm	BR	1 + 1 Branched	5 per lin m
5	<i>Corylus avellana</i>	Hazel	40-60cm	BR	1 + 1 Branched	1 per lin m
5	<i>Prunus spinosa</i>	Blackthorn	40-60cm	BR	1 + 1 Branched	random
5	<i>Ilex aquifolium</i>	Holly	40-60cm	BR	1 + 1 Branched	collection

2010/2023

S1	SCRUB THORN MIX	100% Natural Regeneration					
	SPECIES	COMMON					
Ue 70	<i>Ulex europaeus</i>	Gorse					
Ps 30	<i>Prunus spinosa</i>	Blackthorn					
LIGHT STANDARD TREES							
%	SPECIES	COMMON	SIZE (cm)	HEIGHT	GROWN	TRANSPLANTS	DENSITY
100		<i>Ulex europaeus</i>	40-60cm	BR	1 + 1 Branched		
100		<i>Prunus spinosa</i>	40-60cm	RK	1 + 1 Branched		

G1	'NURSE' SPECIES RICH GRASSLAND	
This mix is a simple combination of low growing grasses that produce a short, open regeneration and colonisation of species rich grassland whilst suppressing perennial weeds.	'flower-friendly' sward.	
The species and the low density of spread make it ideal as an open nurse sward which will allow natural <u>Sowing Rate 12.5kg/ha2 (3-4gm2)</u>		
50% Festuca ovina	Sheep's Fescue	
Ps 33 Ag 33	Oak Scots pine Alder	6-8cm 6-8cm 2.5-2.75m 2.5-2.75m 1.5 - 1.8m 1.5 - 1.8m As Shown

Agrostis capillaris	Brown-top Bent
Anthoxanthum odoratum	Sweet Vernal

Operation Concept
Operation of this proposed extractive operation is focused on habitat creation

The site could be assimilated with adjoining lands to contribute to regional biodiversity. Connectivity as part of a regional green infrastructure strategy should be explored with woodland and hedgerow planting offering a green corridor connectivity.

l of 16mAOD. From this level water will discharge Northward as set out within the hydrological report. At the majority of rock face will be submerged, those that remain could offer safe accommodation for nesting birds. - steeper soiled slopes would accommodate species rich grassland and native woodland.

If the majority of the site will become a waterbody, all peripheral will be prepared, seeded and planted to create a matrix of species rich grassland and native woodland.

Management
h of the soils and overburden layers at this site have in the past been stripped and relocated with some
sets of original topsoils remaining intact. All soils to be utilized for future restoration. Soils should be identified
to stripping operations and appropriately stored in an assigned location or where areas available for
restoration should be carefully transported and placed.

Tripping :- Stripping should apply best practice guidance.
Storage :- Location of striped soils storage to be agreed on site - Storage berms should be clearly signed & selected. Storage Berm Height (maximum): 3m. Temporarily seeded with fescue mix to suppress perennial weeds
Dilling Soils :-
Aggressive weeds to be topped and harrowed.
It: Select and use vehicles to minimize disturbance, trafficking and compaction.

Contamination: Do not mix topsoil with:
soil, stone, hardcore, rubbish or material from demolition work.

Soil handling: Keep to a minimum. Use or stockpile topsoil as soon as possible after stripping.

Topsoil conditions: Handle topsoil in the driest condition possible. Do not handle during or after heavy rainfall or when wetter than the plastic limit less 3%, to BS 1377-2.

Adding Soils:-

Temporary roads/surfacing: Broken and remove before spreading topsoil.

Closed Woodland Planting
Areas - Depth (maximum): 150 mm. - Gently firm each layer before spreading the next.
Fertiliser areas - Min 100 to 150mm
Planted areas -Min 200 to 350mm. Crumb structure: Do not compact topsoil. Preserve a friable texture of
erate visible crumbs wherever possible

4-10
Maintain shrub & woodland areas in a weed free condition (No herbicide application on site).
Repair minor damage back to healthy wood and check for and treat disease. Gap up to replace damaged or dead plant material in accordance with the original planting specification, which shall form part of the management documentation. Check protective fencing where used, and maintain in good condition.
Canopies merge, remove guards and stakes and cease weed control.
Cut weakest specimens if planting becomes overcrowded and start to restrict growth.

basic-level inspection bi-annual by qualified professional (in autumn to coincide with fungal fruiting) to check ecological and biological condition -
the end of this period determine if thinned to 5 m to maintain continued grassland cover beneath.
and trees to be used to create hibernacula

Closed Grasslands

75 mm diameter. The seed will be sown following extraction activities during times of sufficient warmth and
diture, ideally in late spring or early autumn.

Year management

of the sown meadow species are perennial and will be slow to germinate and will not usually flower in the first
growing season. There will often be a flush of annual weeds from the soil in the first growing season. This weed
growth is easily controlled by topping or mowing. (No herbicide applied on site)

and cutting in the spring and early summer if the mixture is autumn sown and contains Yellow Rattle, or if the
seed is sown in the spring and early summer if the mixture contains Yellow Rattle.



The second and subsequent years sown areas can be managed in a number of ways which, in association with fertility, will determine the character of the grassland. Poor shallow soils one or two cuts at the end of the summer, or occasional light grazing, may be all that is required to maintain diversity and interest. I and collapse: this cut will reveal the developing meadow mixture and give it the space it needs to develop. agement once established.

This aerial photograph shows a proposed advanced screen planting project. The area is divided into several sections, each featuring a different planting design. A red horizontal line marks the 'Application Boundary'. A green section contains a wavy pattern labeled 'Proposed ADVANCED SCREEN PLANTING (W1 & H1) (100% Planted)'. A blue section features a cloud-like shape. A yellow section contains a grid pattern. A purple section contains a zigzag pattern. A brown section contains a dashed line. A grey section contains a solid line. A black section contains a dotted line. A white section contains a dashed line.

	date	Jan 23	scale	1:1500 @ A1	by	pjm
Breedon						

