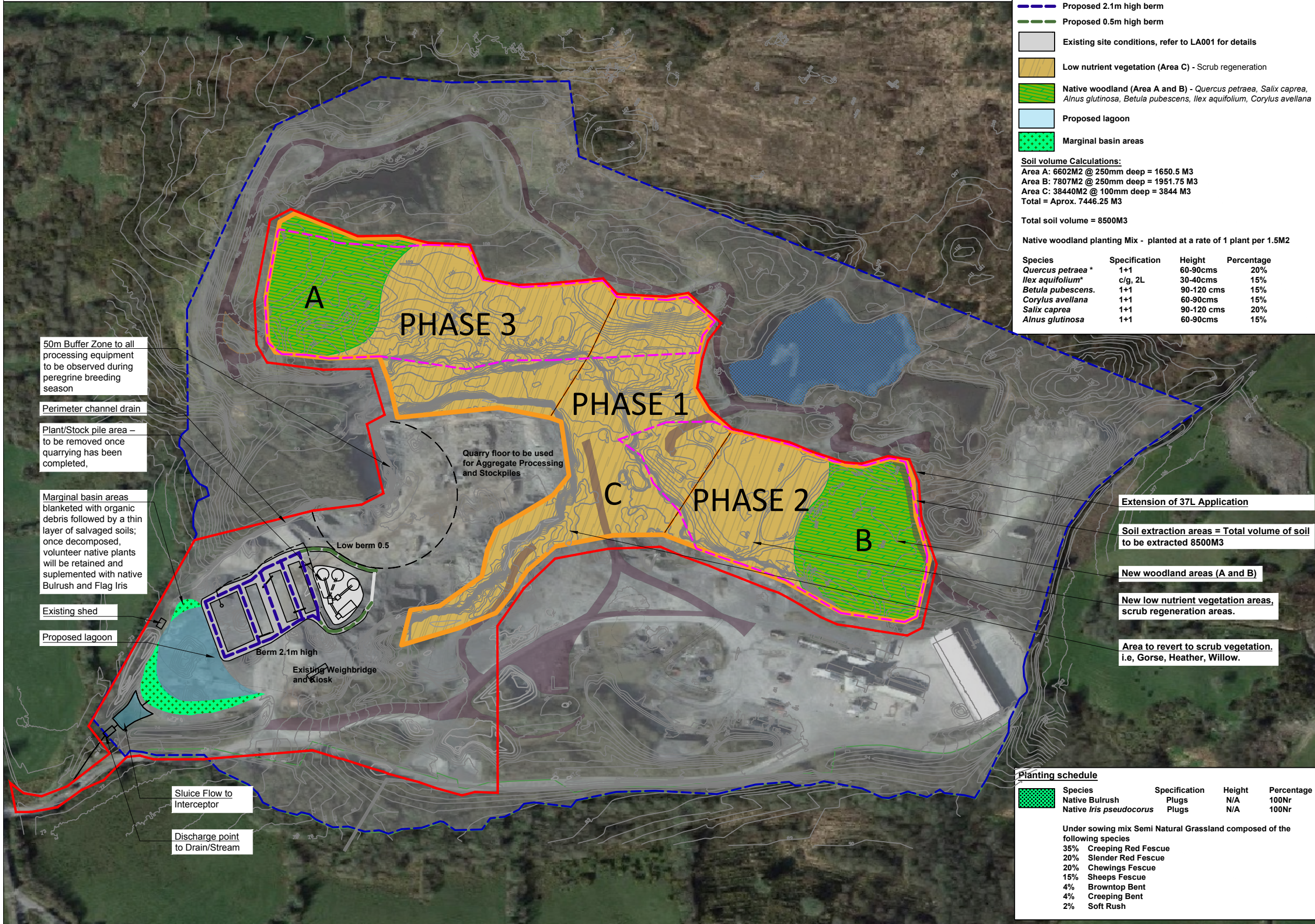


ARDCAHAN QUARRY REGENERATION 37L PLAN



Landscape Key

- Extension of 37L Application
- Overall site ownership
- Soil extraction areas (35202M²) = Total volume of soil to be extracted 8500M³
- 3 proposed intervention phases
- Proposed 2.1m high berm
- Proposed 0.5m high berm
- Existing site conditions, refer to LA001 for details
- Low nutrient vegetation (Area C) - Scrub regeneration
- Native woodland (Area A and B) - *Quercus petraea*, *Salix caprea*, *Alnus glutinosa*, *Betula pubescens*, *Ilex aquifolium*, *Corylus avellana*
- Proposed lagoon
- Marginal basin areas

Soil volume Calculations:
 Area A: 6602M² @ 250mm deep = 1650.5 M³
 Area B: 7807M² @ 250mm deep = 1951.75 M³
 Area C: 38440M² @ 100mm deep = 3844 M³
 Total = Approx. 7446.25 M³

Total soil volume = 8500M³

Native woodland planting Mix - planted at a rate of 1 plant per 1.5M²

Species	Specification	Height	Percentage
<i>Quercus petraea</i> *	1+1	60-90cms	20%
<i>Ilex aquifolium</i> *	c/g, 2L	30-40cms	15%
<i>Betula pubescens</i> .	1+1	90-120 cms	15%
<i>Corylus avellana</i>	1+1	60-90cms	15%
<i>Salix caprea</i>	1+1	90-120 cms	20%
<i>Alnus glutinosa</i>	1+1	60-90cms	15%

THIS IS NOT FOR CONSTRUCTION

This drawing is the copyright of the Landscape Architect unless otherwise stated. All dimensions are in millimeters. Where dimensions are not given, drawings must not be scaled and the matter must be referred to the Landscape Architect. If the drawing includes conflicting details/dimensions the matter must be referred to the Landscape Architect. All dimensions must be checked on site. The Landscape Architect must be informed, by the contractor, of any discrepancies before work proceeds.

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Client: Murray Bros. Tarmacadam Ltd.

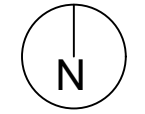
Project: Ardcahan Quarry Restoration 37L Plan
 Drawing: Landscape Layout

Date: 27/03/2026

Drawn By: Luis Medeiros
 Checked By: Cathal O'Meara

Issue: Planning

Dwg No: 2009_LA002 15



Scale 1:2500, @ A3

50m Buffer Zone to all processing equipment to be observed during peregrine breeding season

Perimeter channel drain

Plant/Stock pile area – to be removed once quarrying has been completed,

Marginal basin areas blanketed with organic debris followed by a thin layer of salvaged soils; once decomposed, volunteer native plants will be retained and supplemented with native Bulrush and Flag Iris

Existing shed

Proposed lagoon

Berm 2.1m high

Existing Weighbridge and Kiosk

Quarry floor to be used for Aggregate Processing and Stockpiles

Low berm 0.5

Sluice Flow to Interceptor

Discharge point to Drain/Stream

Extension of 37L Application

Soil extraction areas = Total volume of soil to be extracted 8500M³

New woodland areas (A and B)

New low nutrient vegetation areas, scrub regeneration areas.

Area to revert to scrub vegetation. i.e. Gorse, Heather, Willow.

Planting schedule

Species	Specification	Height	Percentage
Native Bulrush	Plugs	N/A	100Nr
Native <i>Iris pseudocorus</i>	Plugs	N/A	100Nr

Under sowing mix Semi Natural Grassland composed of the following species
 35% Creeping Red Fescue
 20% Slender Red Fescue
 20% Chewings Fescue
 15% Sheeps Fescue
 4% Browntop Bent
 4% Creeping Bent
 2% Soft Rush