

Suggested Woodland Planting Species:

Woodland - Upland Oakwood(w1a)

Major recommended trees:

Sessile Oak
Downy Birch
Scots Pine (Phase 4 area only)

Minor recommended trees:

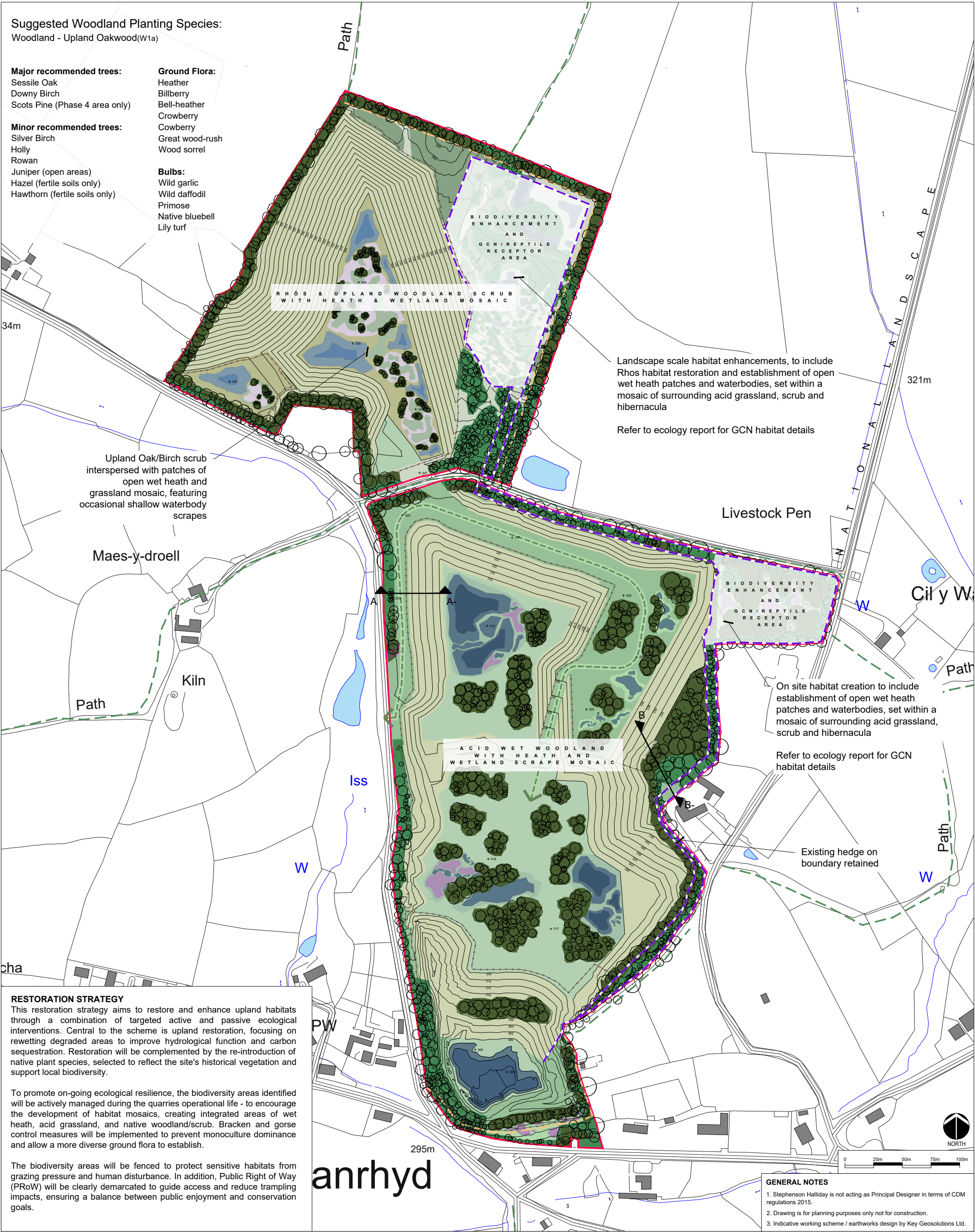
Silver Birch
Holly
Rowan
Juniper (open areas)
Hazel (fertile soils only)
Hawthorn (fertile soils only)

Ground Flora:

Heather
Billberry
Bell-heather
Crowberry
Cowberry
Great wood-rush
Wood sorrel

Bulbs:

Wild garlic
Wild daffodil
Primrose
Native bluebell
Lily turf



RESTORATION STRATEGY

This restoration strategy aims to restore and enhance upland habitats through a combination of targeted active and passive ecological interventions. Central to the scheme is upland restoration, focusing on rewetting degraded areas to improve hydrological function and carbon sequestration. Restoration will be complemented by the re-introduction of native plant species, selected to reflect the site's historical vegetation and support local biodiversity.

To promote on-going ecological resilience, the biodiversity areas identified will be actively managed during the quarries operational life - to encourage the development of habitat mosaics, creating integrated areas of wet heath, acid grassland, and native woodland/scrub. Bracken and gorse control measures will be implemented to prevent monoculture dominance and allow a more diverse ground flora to establish.

The biodiversity areas will be fenced to protect sensitive habitats from grazing pressure and human disturbance. In addition, Public Right of Way (PRoW) will be clearly demarcated to guide access and reduce trampling impacts, ensuring a balance between public enjoyment and conservation goals.

KEY

	Application site boundary		Proposed heath (h1a) & acid grassland (g1) mosaic		PRoW (retained)
	Assisted natural regeneration of quarry face		Proposed Rhôs restoration (f2a8)		PRoW (indicative diversion)
	Indicative 2m contours		Proposed acid grassland (g1)		Indicative access route
	Existing vegetation		GCN / reptile terrestrial habitat connectivity & green infrastructure link (For details refer to ecology report)		Proposed fencing
	Proposed woodland (w1a) with ground flora planting		Biodiversity enhancement areas		
	Proposed wetland marginal zone (f2b)				

INDICATIVE RESTORATION TARGET HABITAT MOSAIC
w1a = Upland oakwood, f2b = Purple moor grass & rush pastures, h1a = Lowland heathland, g1 = Acid grassland (Based upon uk habitat classifications)

GENERAL NOTES

- Stephenson Halliday is not acting as Principal Designer in terms of CDM regulations 2015.
- Drawing is for planning purposes only not for construction.
- Indicative working scheme / earthworks design by Key Geosolutions Ltd.

Client
Silica Sand Mold Limited

Project Title
Maes y Droell Quarry

Drawing Title
Restoration Indicative Quarry Development Plan

File Path
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STEPHENSON HALLIDAY

Planning, Landscape & Environment
an **R5K** company

30-32 Lowther Street,
Kendal,
Cumbria,
LA9 4DH

Tel: +44 (0)330 002 1780
Email: info@stephenson-halliday.com
Web: www.stephenson-halliday.com

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Scale 1:3,000	Orig Size A3	Status PLANNING
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