

Rhuddlan Bach Quarry Restoration Planting Schedule Native Screening W1, W2

Species	Size	Form	Mix/ Quantity	Specification
Native Screen Planting -Planted at 1.5m centres in staggered grid				
Crataegus monogyna	450-600mm	BR	10%	1+2
Corylus avellana	450-600mm	BR	70%	1+2
Prunus spinosa	450-600mm	CTR (2Ltr)	10%	Min 3 breaks in lower third
Ulex gallii	450-600mm	CTR 1 Ltr	10%	Min 3 breaks in lower third

Planting to be set out amongst existing retained regeneration, in groups of no less than 5no. of any one species.

Rhuddlan Bach Quarry Restoration Planting Schedule Native Hedging & Clawdd H1, H2 & H3, C1, & C2

Species	Size	Form	Mix/ Quantity	Specification
Native Hedge Planting -Planted at 450mm centres, 300mm apart in prepared trench/bank				
Crataegus monogyna	450-600mm	BR	20%	1+2
Corylus avellana	450-600mm	BR	50%	1+2
Prunus spinosa	450-600mm	CTR (2Ltr)	30%	Min 3 breaks in lower third

Planting to be protected with tree shelters and stockproof fencing, in groups of no less than 3no. of any one species.

Hedge species on clawdd to be planted in double row 200mm apart.



Exact extent of existing vegetation estimated from Aerial photography and observation on site

Rhuddlan Bach Quarry Restoration Planting restoration Notes

Soft landscape:

The soft landscape works indicated have been developed following a field assessment of the existing site and its context together with an assessment of the overall restoration proposals provided by the client within Caullmerr Drawing reference.1724.2 Rev C

Native Landscape proposals

The soft landscape proposals seek to reflect the site context and supplement the existing landscape character through the use of existing native scrub species already present adjacent and within the site and in the general area within designated Nature Conservation sites adjacent. Existing scrub development is to be retained wherever possible in order to promote biodiversity potential and retention and linkage of habitat interest on site, as well as integrating the restoration proposals sympathetically into the wider landscape.

Native species have been selected from the immediate and wider site vicinity, such as Hazel, Blackthorn, limited western gorse and Hawthorn species.

A length of cloddiau (a noted local landscape feature) has also been included.

Ash has not been included within the proposals although it is noted as being locally present.

1. The planting will be primarily for landscape integration purposes and is located where maximum visual screening and landscape integration benefit can also be achieved with particular regard to the amenity of the footpaths bounding the site.

The native planting material is proposed to be of local provenance wherever available and will be specified as whips, transplants and root trainers to help ensure a better establishment and final diversity of form.

Initial establishment will be aided by tree shelters and temporary shelter fencing and rigorous management and maintenance will be undertaken given the exposed nature of the site.

The species proposed already occur within the site area and the mixes have been devised to reflect the microclimate of the site.

Plant spacing's and sizes are the minimum to effectively achieve a good take rate and amenity value as soon as possible whilst not compromising long term establishment.

Key to plant form specification

- CTR = container grown
- Rb = rootballed
- Br = bare rooted
- Rtr = root trainer

Seeding

Following discussions with North Wales Wildlife Trust it is proposed to maximise open areas of grassland for nature conservation benefit and landscape integration with the aim of promoting a calcareous grassland meadow, reflecting existing grassland adjacent. Areas to be seeded will comprise a low fertility substrate of +7.7pH to be agreed. Seeding will be of native species and where possible NWT are actively seeking a local seed source from harvesting from nearby suitable wildflower meadows.

Topsoil and soil preparation

Top soiling will be provided to planted areas only and will ensure a minimum depth of 300mm topsoil overlying a minimum depth of 0.5m of selected subsoil and other suitable rooting medium in order to provide a minimum 0.9m rooting depth of un compacted material. Compost and slow release organic fertilizers are to be used within pit planting areas only to aid establishment.

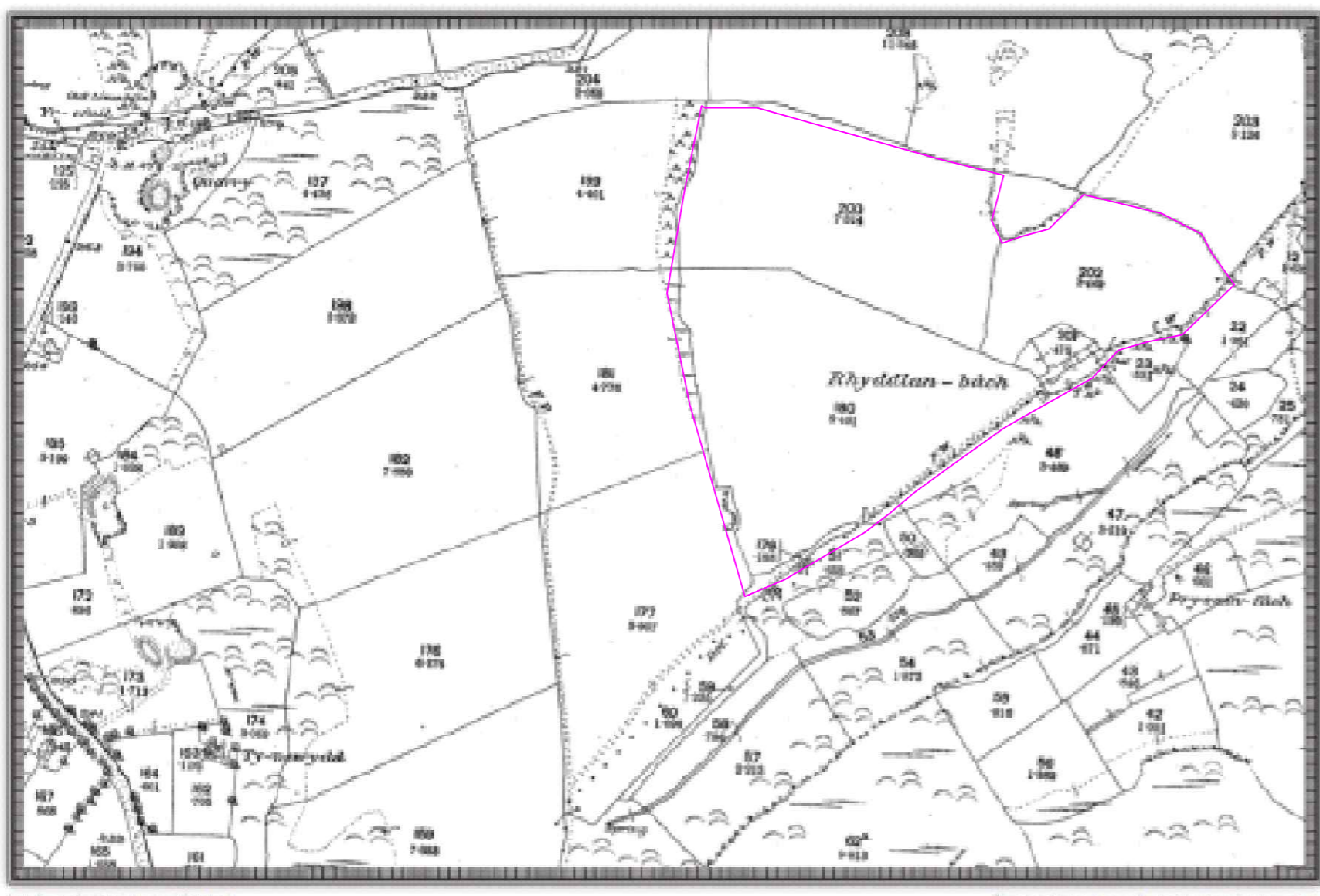
Planting

Bare root planting to be implemented between December and February wherever possible when species are dormant and planted in accordance with BS 4428:1989 code of practice for general landscape operations (excluding hard surfaces). Native species are to be supplied as root trainers, whips, and transplants in order to establish within the exposed location. All plants to be pit planted into existing ground, using prepared pits with tree and shrub shelter protection and maintained to promote healthy and vigorous growth, to include formative pruning, weed control, pest and disease control and fertiliser application. Regenerating woodland species to be protected from grazing by temporary fencing where identified until cloddiau are established. Tree shelters are to be removed as soon as practicable once establishment is satisfactory.

Maintenance

Maintenance to be carried out on a formal regular basis to include firming up, plant replacement, tree tie checking adjusting and removal, weed control, slow release fertiliser application, formative pruning, tree shelter checking and removal, watering, sward cutting and pest and disease control.

All of the above operations are to be agreed with NWT before commencement.



The proposed field layout has taken reference from Historical Ordnance Survey mapping of the area. © Cassini Maps Ltd. 1889 1:2500 series

Key

- Existing Woodland and established vegetation to remain (indicative extent)
- Existing Scrub Vegetation to remain (indicative extent)
- Existing Hedgerow to remain
- Existing Structures retained
- Existing Lagoon retained
- Proposed Contours of Final Landform Restoration
- Proposed Native Planting (species as indicated within schedules)
- Proposed Native Hedgerow (species as indicated)
- Proposed Cloddiau
- Proposed Calcareous Grassland
- Proposed Attenuation Lagoons

Rev A	FCB	JB	JB	06/07/20	Project Title Rhuddlan Bach Quarry, Anglesey
Draft Rev A	FCB	JB	JB	26/06/20	
	PW	JB	JB	20/07/16	
Issue	Drawn	Checked	Approved	Date	
Tirlun Barr Chartered Landscape Architecture Tan y Berllan, Llanbedr y Cennin, CONWY LL32 8UY Tel:01492650333 www.tirlunbarr.com					Drawing Title Landscape Restoration Proposals
Client Clive Hurt Plant Hire Ltd					
Drawing Number 1724.09.01A					Size A1
Scale 1:200					Issue Rev A