

Proposed woodland plan

The following plan shows the proposed long-term objectives for the different areas of the site. The red boundary indicates the extent of the site. This plan subject to the consultation and suggestions and ideas are welcomed.



	<p>Hatched areas; open space maintained as species rich semi natural grassland, surrounding hedgerows, walls, watercourse and powerlines, to be created with scalloped edges.</p>
	<p>Green areas; Oak/Hornbeam woodland: Multi-storeyed stand dominated by Pedunculate Oak (POK) with Hornbeam (HBM) in middle and understorey. Oak and Hornbeam to be planted in mixed groups. Minor species to include Beech, Small Leaved Lime, Birch, Aspen, Rowan, Wild Cherry, Wych Elm and others. Species distribution: POK 70 – 90% HBM 10 – 30% minor species: < 10%. To be managed under a continuous cover regime with best possible use of natural regeneration. Establishment: planting of 20 – 30 individual POK per cluster (0.3 – 1m spacing). HBM planted around POK clusters. Minor species at lower densities between clusters.</p>
	<p>Brown Areas; Two-storeyed stand dominated by Pendunculate Oak (POK) with Hazel coppice understorey. Minor species such as Birch, Wild Cherry, Wild Service Tree and others are present mostly in the overstorey. Species distribution: OK 80%, HAZ (abundant coppice), minor species: < 20%. Managed as coppice with standards system. OK is managed over several HAZ coppice rotations and regenerated naturally or by planting, other species from infill. Establishment: OK: planting 20 – 30 individual OK per cluster (0.3 – 1m spacing), with the number of clusters corresponding to the envisaged number of FC trees. HAZ/MB: Natural regeneration or planting.</p>
	<p>Yellow areas; potential for community orchard of (for example) heritage apple species or alternative.</p>

The following table is a summary of the plan for future land use, linked to the objectives listed above and how they will be achieved and sets out the parameters. These totals will be subject to adjustment following detailed stakeholder consultation (phase 2).

Some example forest development types suitable for the future climate are as follows:

- [Oak with Hazel coppice](#)
- [Pendunculate Oak with Hornbeam](#)

Land use	Description	Total area (ha) (% of 10.93ha total)
Mixed Woodland	<ul style="list-style-type: none"> - Broadleaves planted in the following mixtures: - Pendunculate Oak, Hornbeam, Beech, Small Leaved Lime, Silver Birch, Aspen, Rowan, Wild Cherry, Witch Elm - Pendunculate Oak, Hazel, Silver Birch, Wild Cherry, Wild Service Tree - Potential for Orchard of heritage fruit varieties - Potential for addition of Pine species to support Red Squirrels 	8.3ha (76%)
Open Space	<p>Open space will be maintained and managed to encourage species rich grassland in the following areas:</p> <ul style="list-style-type: none"> - Areas of grassland with remnants of semi natural species - 10m buffer around watercourses of <2m channel - 10m Buffer around significant veteran trees - 5m buffer along mature hedgerows - 5m rides for recreational routes and future access routes - Along Penmynydd road to create a 'soft' edge and soften view for overlooking properties. - 10 m Buffer surrounding heritage features (TBC with GAC) - 10 m buffer either side of electricity pylon. 	A minimum of 2.6ha (24%)

Ground preparation: Areas of longer grass to be mowed/topped. Direct planting with hand screening in areas of denser sward.

Tree protection: No Individual tree protection. Site investigation indicates grazing pressure from deer and rabbits is low. Where possible trees will be protected from vegetation competition by hand screening when planting and motor-manual weeding until they are established.