

4. Design Principles

SW1 Safeguard existing landscape features and natural resources

Implementing the Stepwise Approach by seeking to avoid harm to assets and meeting the Section 6 duty of the Environment (Wales) Act 2016 to provide enhancements to Distinctive and Natural Places, generating net benefits to biodiversity and contributing indirectly to well-being.

Project Commitments cover offsets from, enhancement to, and management of assets to preserve and enhance their condition, performance and distinctiveness.

This design principle delivers and is informed by Outcomes:

1. Ecosystem resilience, 2. Cultural Placemaking & 3.A Thriving Landscape

Well-being Goals



Ways of working



Traditional cloddiau field boundaries

4. Design Principles

SW2 Deliver ecosystem resilience at a local and landscape scale

The Project will seek to deliver sustainable net benefits for ecosystem resilience against the DECCA attributes:

- diversity between and within ecosystems;
- the extent or scale of ecosystems;
- the condition of ecosystems including their structure and functioning;
- the connections between and within ecosystems; and
- adaptability of ecosystems

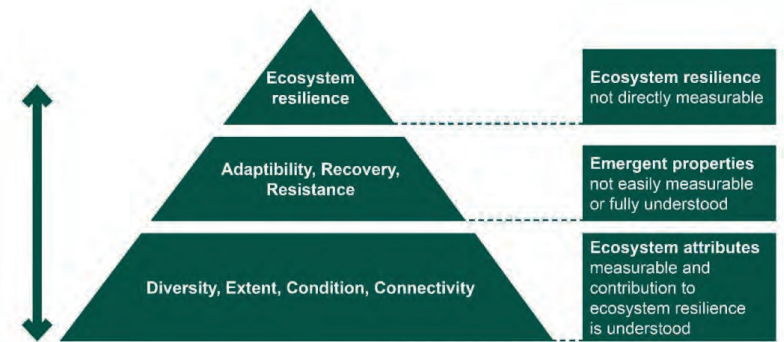
This design principle delivers and is informed by Outcomes:

1. Ecosystem resilience

Well-being Goals

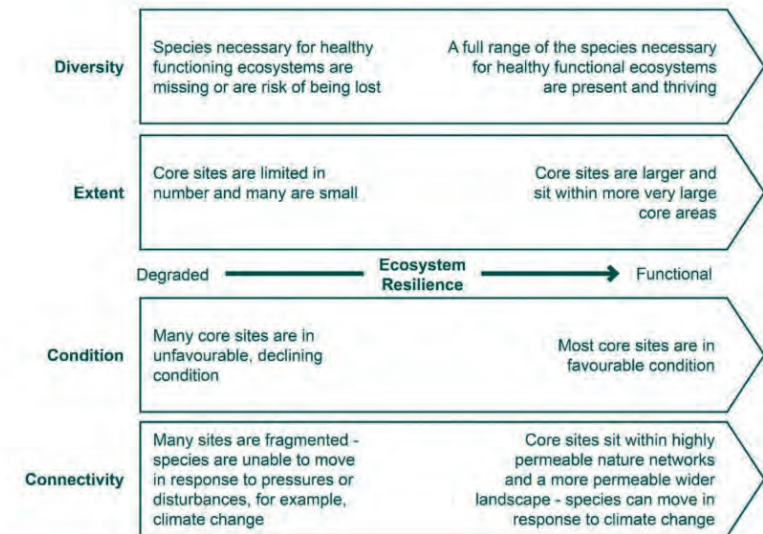


Ways of working



Diversity, Extent, Condition, Connectivity, other Aspects of ecosystem resilience

Figure 1: DECCA framework showing the relationship between the attributes and the emergent properties of resilience.



DECCA Framework and ecological direction of travel

4. Design Principles

SW3 Explore opportunities for promoting understanding of place

The Project will seek to deliver learning and experiential benefits through creation of multifunctional spaces responding to the needs and proximity of affected communities and user groups.

Explore opportunities for interpretation and celebration of the local areas cultural and natural heritage in consultation with stakeholders. Potential for utilisation of active travel routes, points of access and viewpoints.

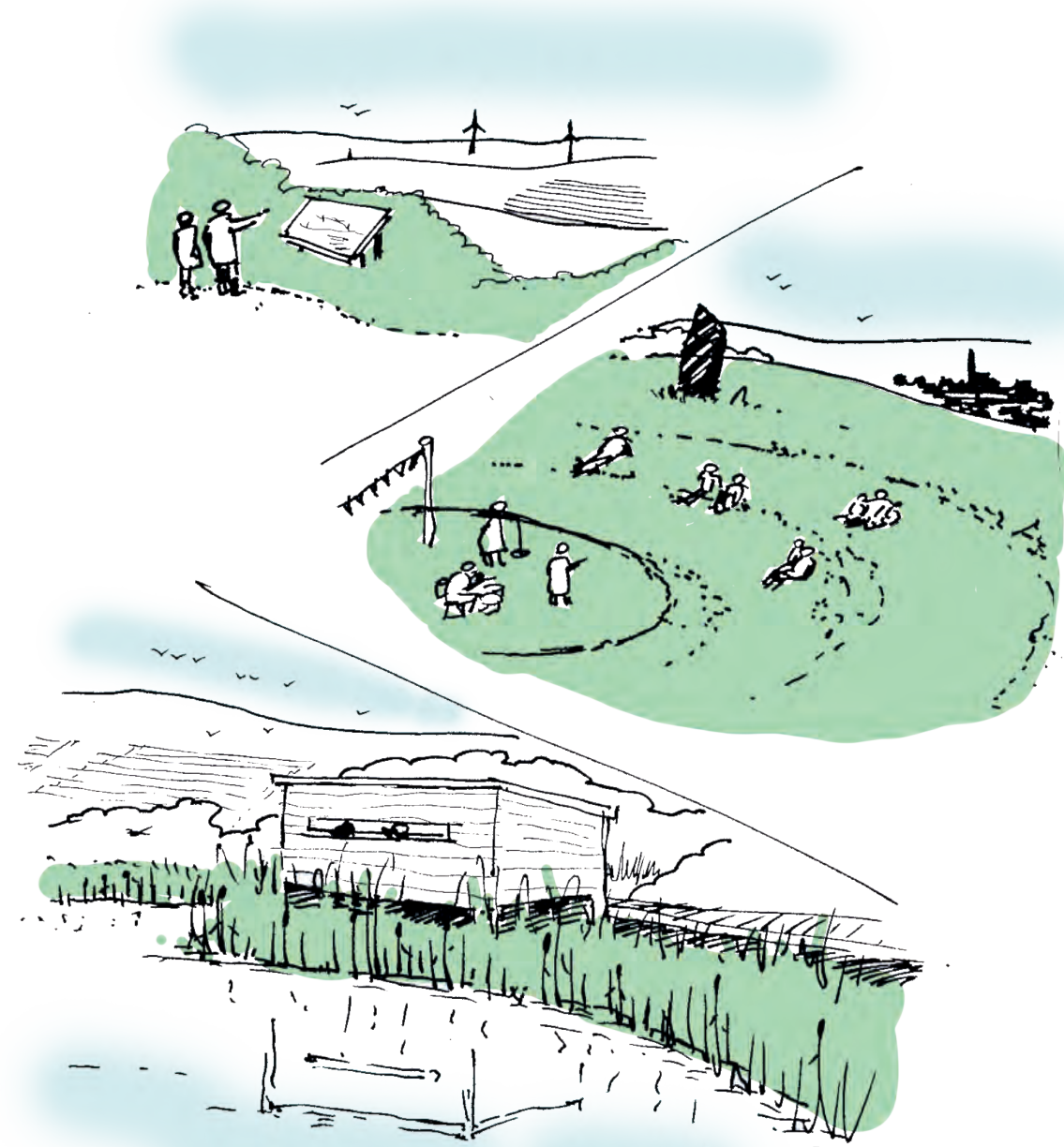
This design principle delivers and is informed by Outcomes:

- 1. Ecosystem resilience, 2. Cultural Placemaking

Well-being Goals



Ways of working



Ideas to be explored with communities

4. Design Principles

SW4 Highlight valued cultural features and social practices

Planning Policy Wales identifies a trend for ‘Loss of venues for cultural activities or historic assets. These characteristics and qualities contribute to the attractiveness, liveability, resilience, functioning, economic prosperity and ultimately the health, amenity and well-being of people and places.’

The Project will seek to preserve the setting of historic assets through adequate buffers, explore complimentary land uses and ways to interpret ‘place’ for people using and moving through the landscape and in proximity to the local community.

This design principle delivers and is informed by Outcomes:

2. Cultural Placemaking

Well-being Goals



Ways of working



Dovecote at Bodewryd is one of several valued cultural features in the landscape

4. Design Principles

SW5 Improve access to green and natural spaces

Explore opportunities to enhance existing Public Rights of Way (PRoW) and create new permissive routes that are connected to communities

Responding to regional deficiency in publicly accessible green spaces and PRoW. The Anglesey Well-being Assessment 2022 key findings state ‘Green spaces are vital to the well-being of Anglesey residents, but they need to be made accessible so that they can be used by everyone.’

The Project provides opportunity for multifunctional green infrastructure utilising breaks and buffers for mitigation, habitat and recreation, and aims to retain PRoW in their current form where practicable.

This design principle delivers and is informed by Outcomes:

1. Ecosystem resilience, 2. Cultural Placemaking & 3.A Thriving Landscape

Well-being Goals



Ways of working



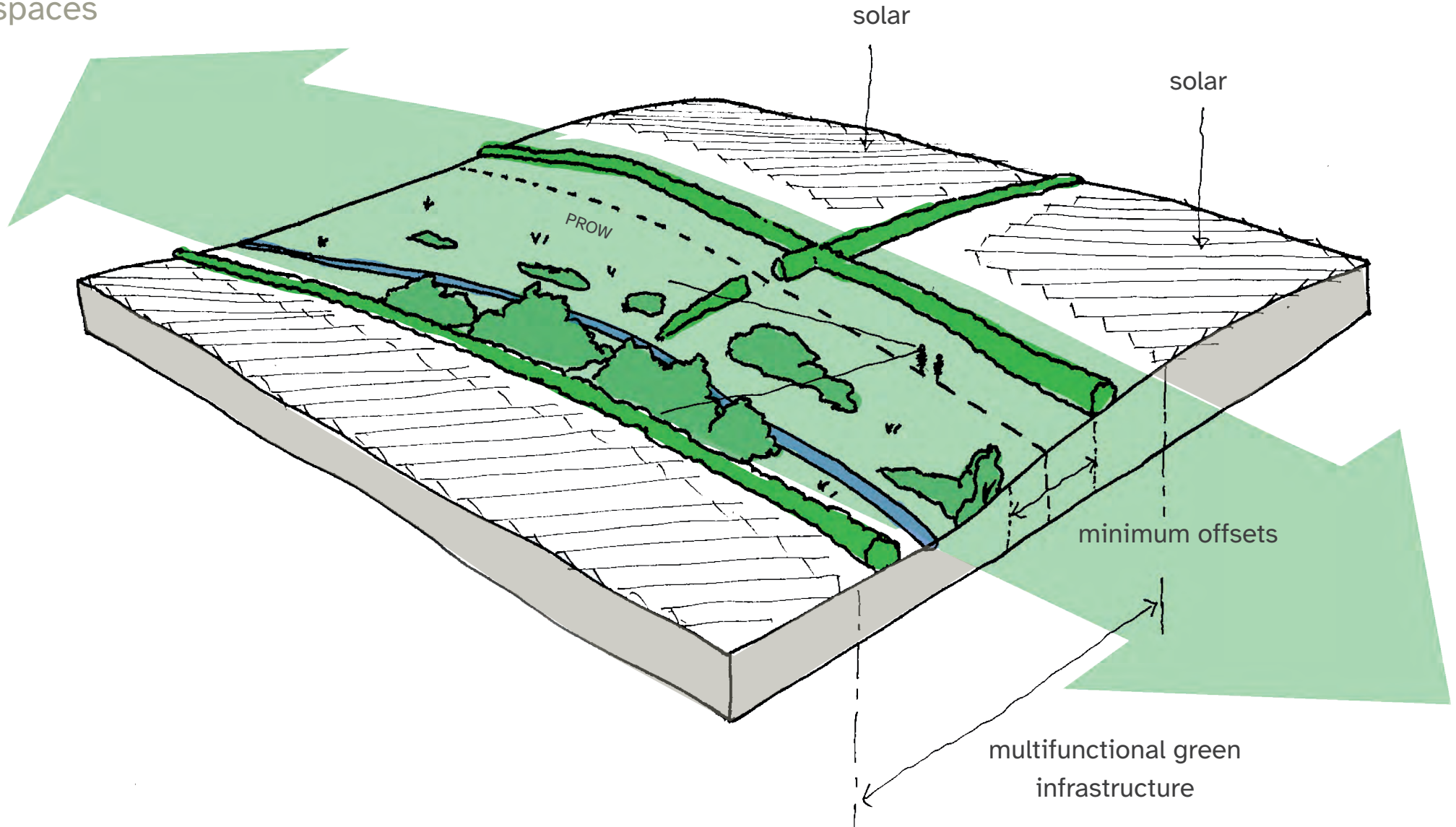
Site-wide



Stile on a PRoW near Llyn Alaw. Currently this route ends at the reservoir

4. Design Principles

SW5 Improve access to green and natural spaces



4. Design Principles

SW6 Provide breaks in the Project to respect the landscape and visual character of the local environment

To be informed by detailed assessment of visual impacts and impact on landscape character.

The Project will be sensitive to viewpoints, edges of settlements and locations central to the Project with panoramic views, for example the northeast shore of North of Llyn Alaw viewed from the south.

Consider sequential experience along active travel routes or road connections between settlements (including the Copper Trail National Cycle Route and B5111).

This design principle delivers and is informed by Outcomes:

2. Cultural Placemaking & 3.A Thriving Landscape

Well-being Goals

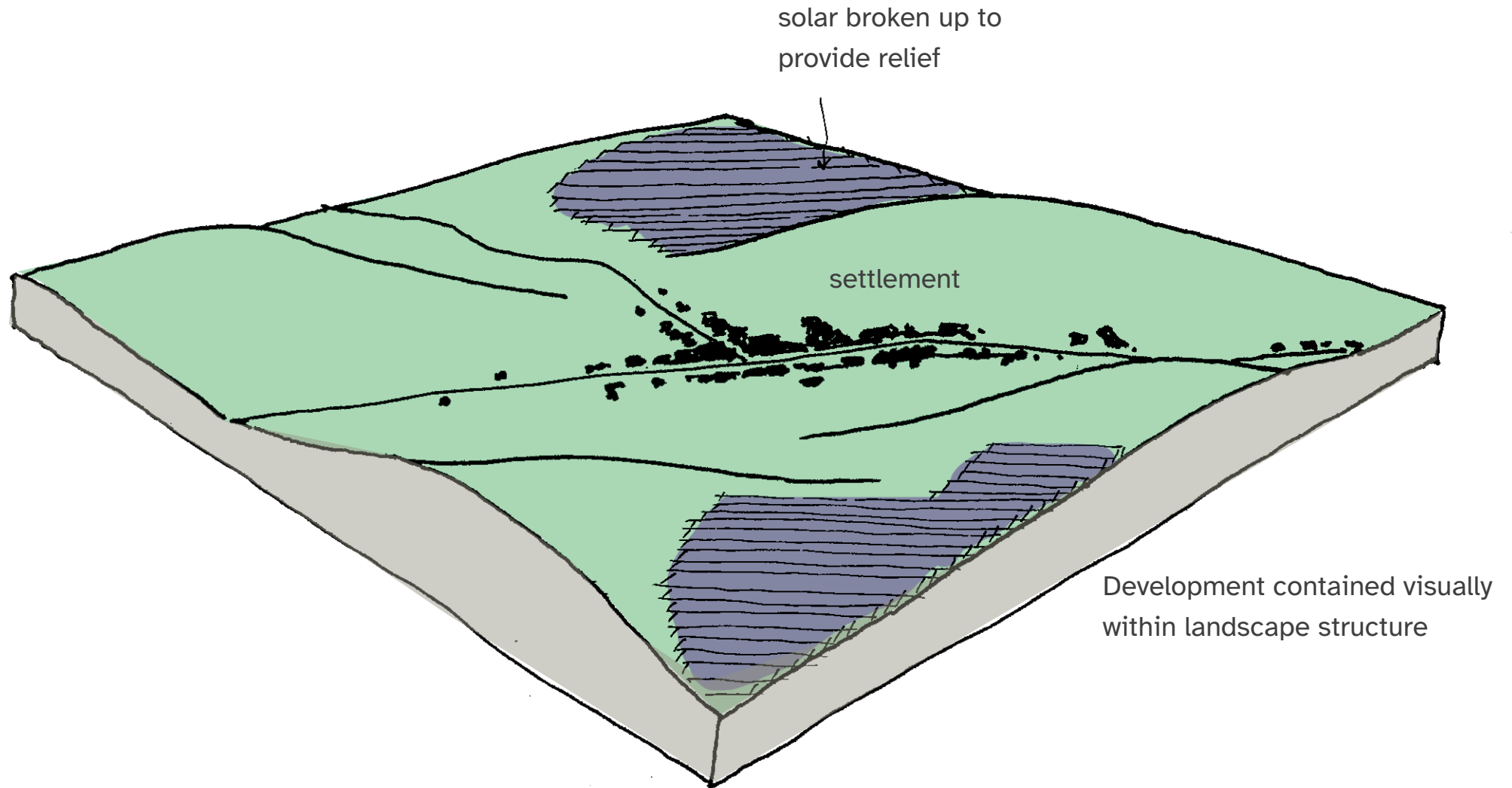


Ways of working



4. Design Principles

SW6 Provide breaks in the development to respect the landscape and visual character of the local environment



4. Design Principles

Maen Hir North

N1 Protect the distinctive drumlin landform

N2 Consider nearby energy infrastructure in the design process



The gentle undulation of the drumlins

4. Design Principles

Maen Hir Central

C1 Enhance habitat condition and diversity adjacent Llyn Alaw Site of Special Scientific Interest (SSSI)

C2 Explore opportunities for improved access and amenity to the eastern shores of Llyn Alaw

C3 Solar PV Site should avoid ridge lines and reservoir edges where practicable



Llyn Alaw northern shoreline looking west

4. Design Principles

Maen Hir South

S1 Focus the Solar PV Site within the natural 'bowl' north east of Llannerch-y-medd

S2 Improve access to green space adjacent to Llannerch-y-medd

S3 Focus development within the gently undulating landform of the southern parcel

S4 Create separation between development and Capel Coch

S5 Enhance existing wetland habitats in suitable areas of the Southern Cluster



Rough damp grassland in Maen Hir South



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