

# Dundreggan Rewilding Centre

Community Consultation Design Concepts

Trees for L<sup>y</sup>fe



# Introduction

# Trees for Life

Dundreggan will be a place where people come to discover a landscape restored after years of misuse and leave inspired to engage with rewilding. The new wild landscape and its ancient connections to Gaelic will encourage people to 'rewild' themselves by connecting with nature and exploring the natural and cultural heritage of the Highlands. The Rewilding Centre will become a gateway for people to experience rewilding in different ways that are best suited to them. From a casual visit while passing through, to immersive experiences, the Centre will welcome everyone so that the idea that we can work with nature rather than against it becomes the norm across a diverse audience.

Together with Trees For Life the proposals are currently being developed by Threesixty Architecture, Great Glen Consulting, Rybka, David Narro Associates, Torrance Partnership and Horner & MacLennan.



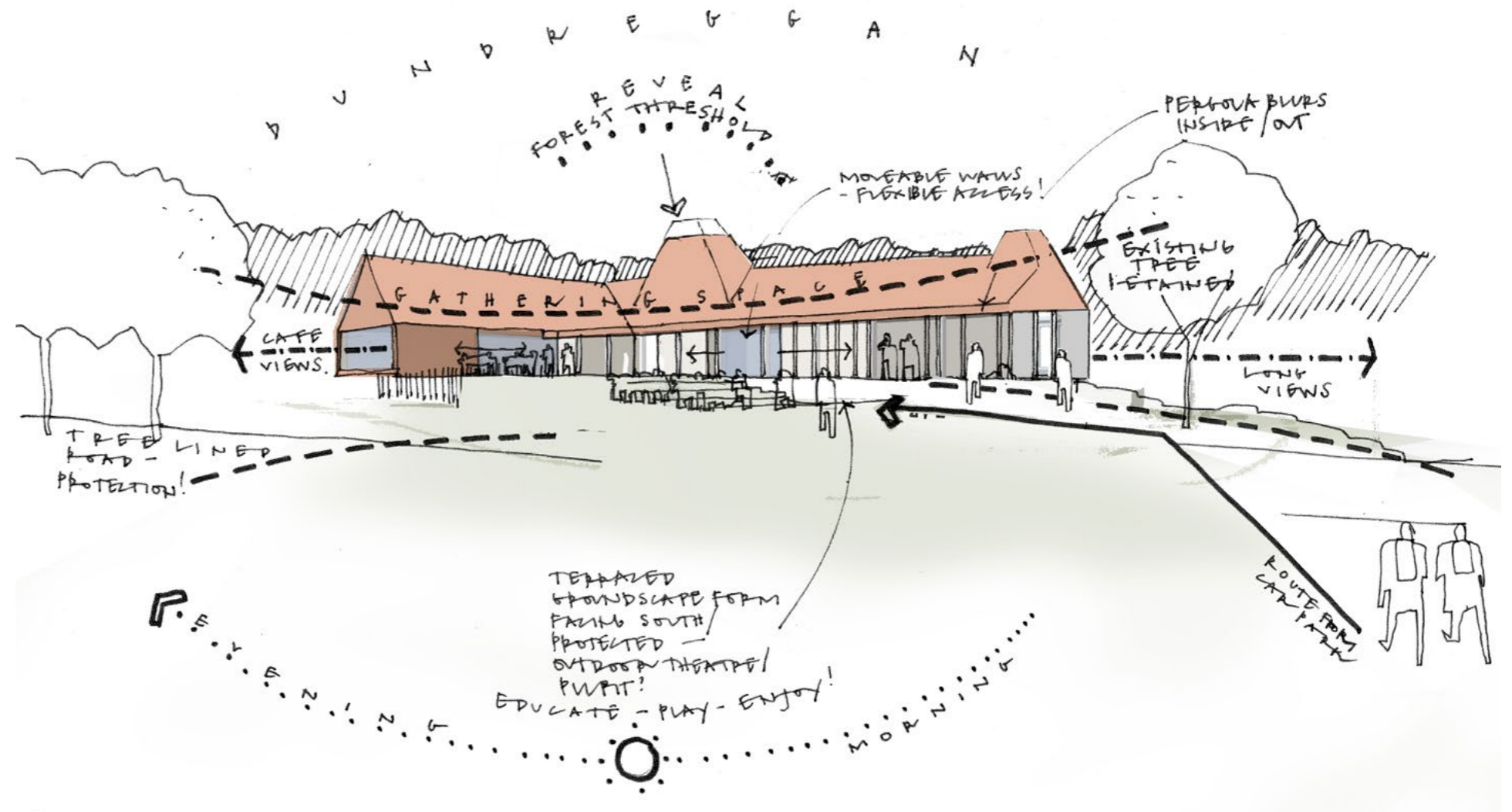
# The Rewilding Centre Concept: Gateway to nature

The unique sculptured roof form, combined with elements of wall / and timber collenades, enclose external spaces. It is a settlement approach (akin to a Celtic/Gaelic architecture) positioned on a hill to minimise impact on the topography and surrounded with a sheltering threshold between the wilderness and the building.

The building is a family of unfussy, elegant architecture appropriate to it's place, where the poetry lies in the connection through to the landscape and the curated control and reveal of views into the wider woodland.

The cloistered edge of the buildings blur the boundaries between inside and out and can be adapted to the seasons (forming winter gardens and solar heated buffer spaces). The structure is based on our research into sustainable circular economy and the building is oriented to harvest the solar energy (and views).

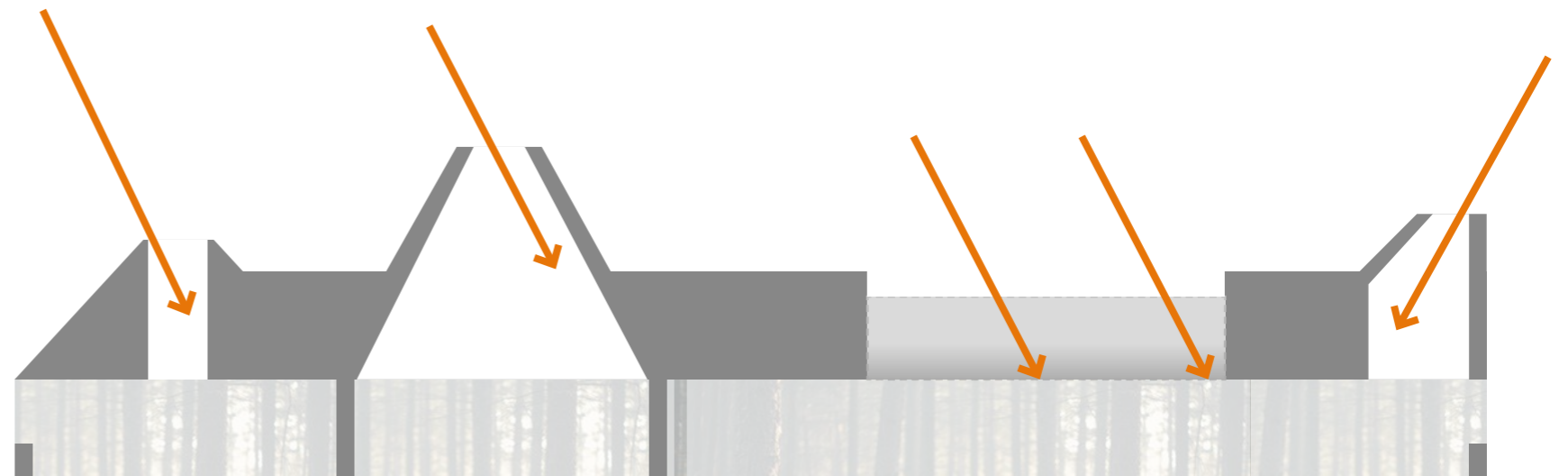
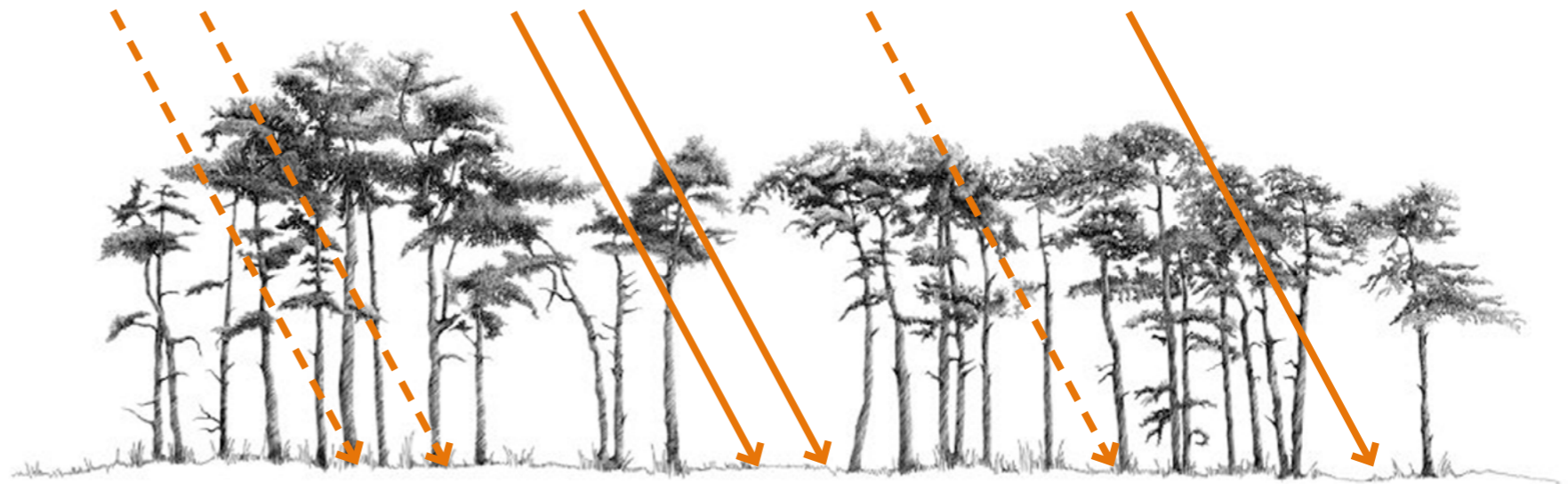
The elevated position of the visitor centre provides a legible centredness to the wider "campus" and is a true gateway which you move through into the landscape.



# The Rewilding Centre

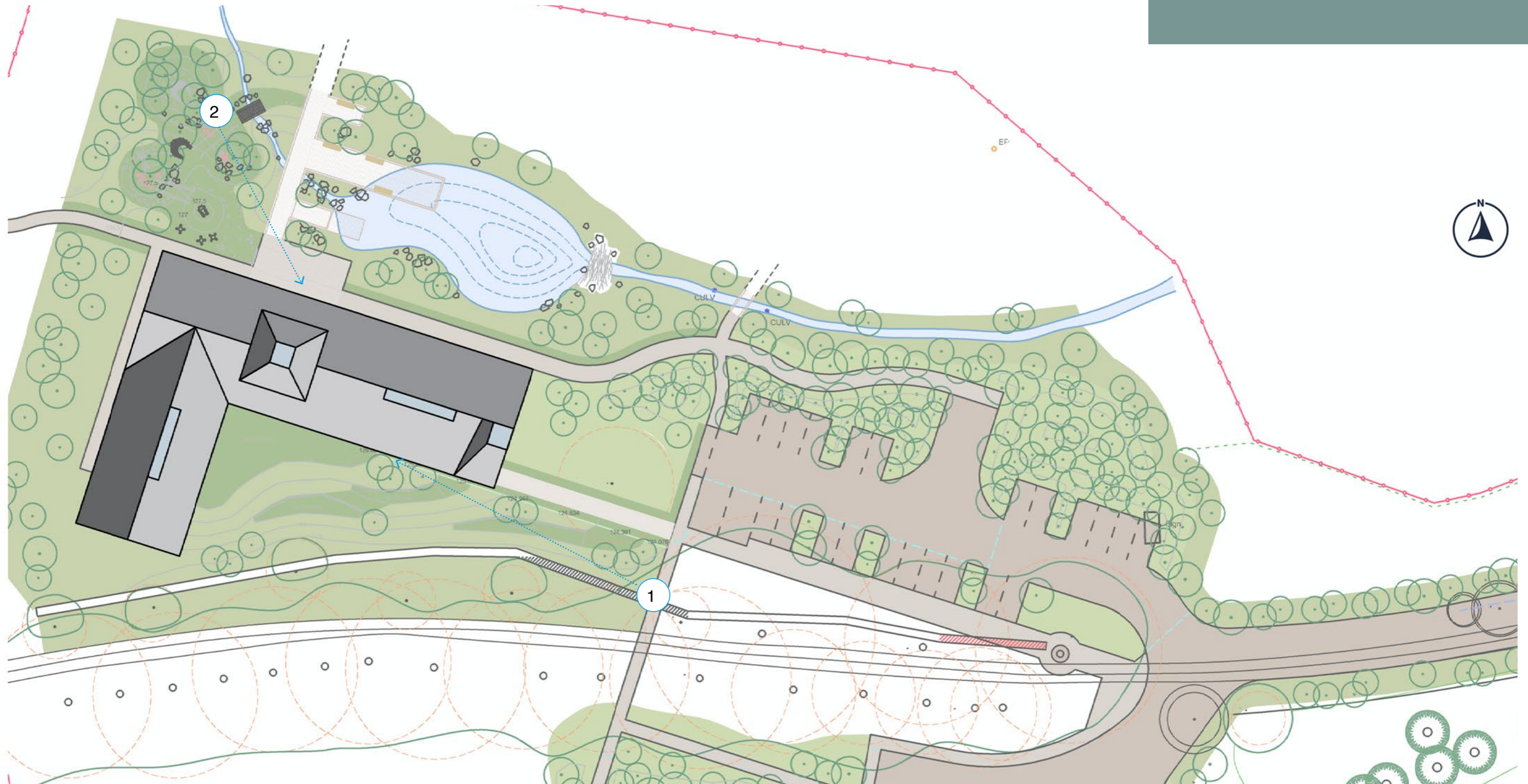
## Concept: Realms of the forest

Like a forest canopy that collects and filters sunlight in different ways, the proposal uses a series of layered roof-lights and colonnades to control light passing through the building. In turn the roofscape curates the internal use and journey throughout the building.



# The Rewilding Centre Concept: A Gateway Building

Using the natural topography the building is arranged to minimise its impact and interface with the ground. Views 1 and 2 are on the subsequent pages.



# The Rewilding Centre

## Scale in the Landscape

The unique roof form helps break down the overall mass of the design and allows the proposal to sit more comfortably within context and heritage of the Glenmoriston. This approach brings a human scale and allows each building element to create different internal realms.



# The Rewilding Centre Threshold and Gateway

This building is the gateway to the forest, revealing views as you approach and providing threshold between the built form and wilderness beyond.



# The Rewilding Centre Proposed Layout

The visitor centre and cafe are arranged to maximise views South and East. The harder Western edge provides a barrier from the prevailing wind and in turn creates a sheltered courtyard and south facing natural amphitheatre.

- The Welcome Tree acts as the central connection between both wings and provides a gateway / threshold between inside and out.
  
- The Bothy is an intimate storytelling space bathed in Gaelic culture that is connected to the library and landscape beyond.
  
- The Presentation Room provides a flexible event space for learning and enjoyment.
  
- The Cafe is designed to maximise views out and opens up to the welcome tree.



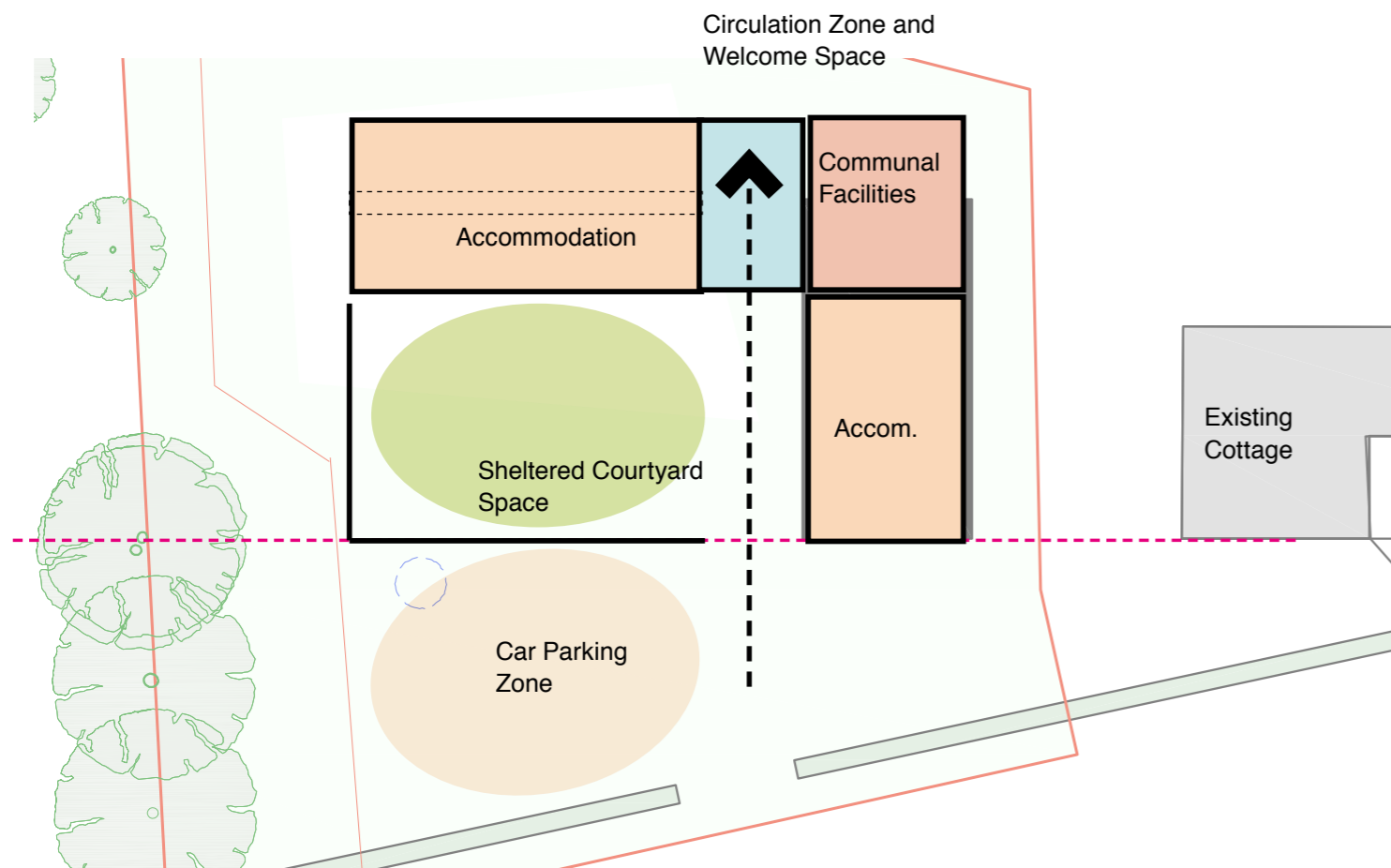


# The Rewilding Centre Aerial View



# The Accommodation Building

There is a duality between both buildings and the accommodation building is arranged to create an threshold between the landscape and wilderness beyond. Both the accommodation wings wrap around a sheltered south facing courtyard that provides privacy for the guests from the wider public.

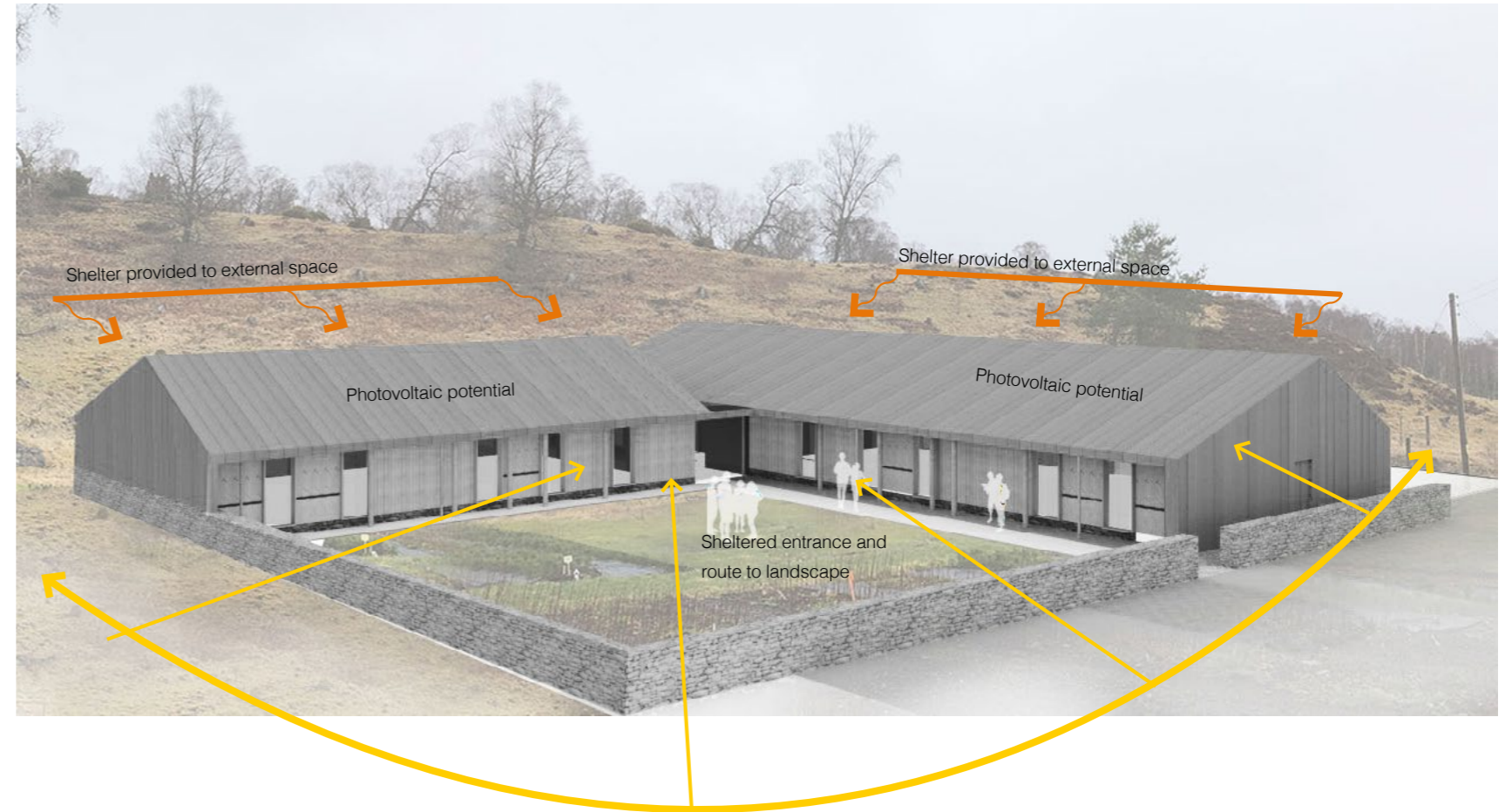


# Wellbeing and Sustainability

We understand the importance of the buildings to provide wellbeing and moments of joy to every user. The building concepts focus on the ability to continually connect back to the natural landscape, providing natural daylight, ventilation and accessibility for all. Flexibility has been at the forefront of the design, allowing the buildings to accommodate different and diverse users groups. Within what will be two very dynamic and intriguing buildings the proposals focus on the creation of specific quiet and contemplative spaces. We embrace the ethos of WELL building standards and have considered the; visual comfort, indoor air quality, natural ventilation, acoustic performance and safety and security within the overall design strategy.

We have a holistic approach to sustainability and understand that Economy, Community and Environment all have an important role in achieving sustainability. Through the initial design process, we have considered the buildings position on site, operational requirements and how the building is used by staff and visitors. This consultation is part of our sustainable approach to establish how these buildings can enhance the local community and economy.

Many of the factors we consider for wellbeing assist in ensuring the buildings are as environmentally sustainable as possible and we have adopted a “fabric first” approach. The design of the buildings are robust in concept and this will continue through the technical design and detailing, thus helping to avoid relying on whimsical add-ons to better the building standard requirements. Before active solutions are considered, the proposals strive to achieve environmental targets through passive design of the main spaces and by maximising opportunities for insulation, heating, cooling, ventilation and natural daylight. We will give careful consideration to the specification of appropriate materials, reviewing their robustness and BRE environmental ratings. In tandem we are now developing Tree for Life’s Low Carbon / Renewable Technology aspirations and have produced an Energy Options appraisal.



# Where are we?

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