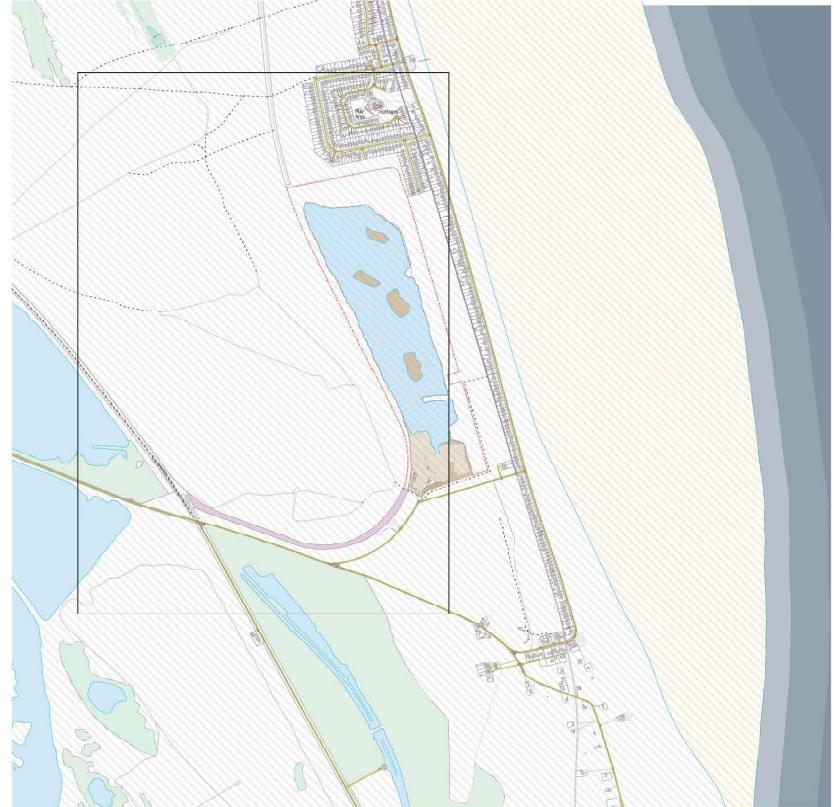


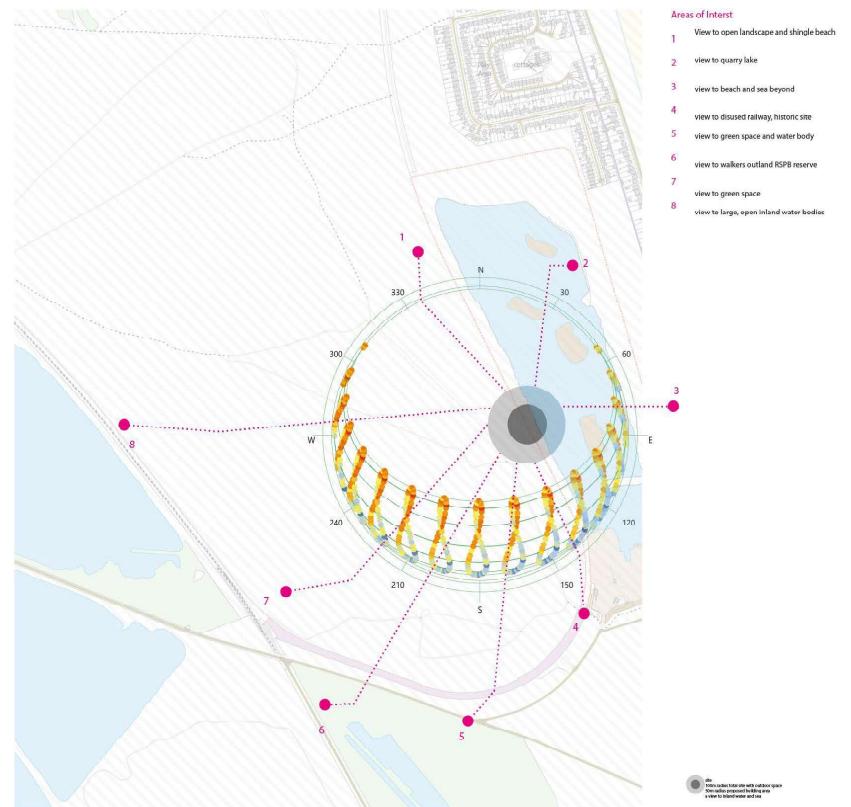


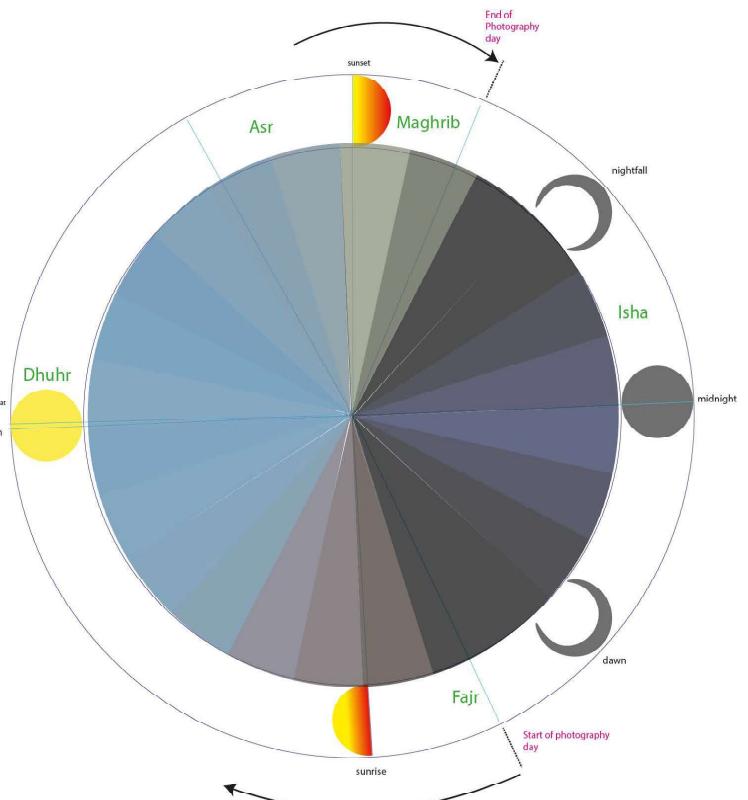
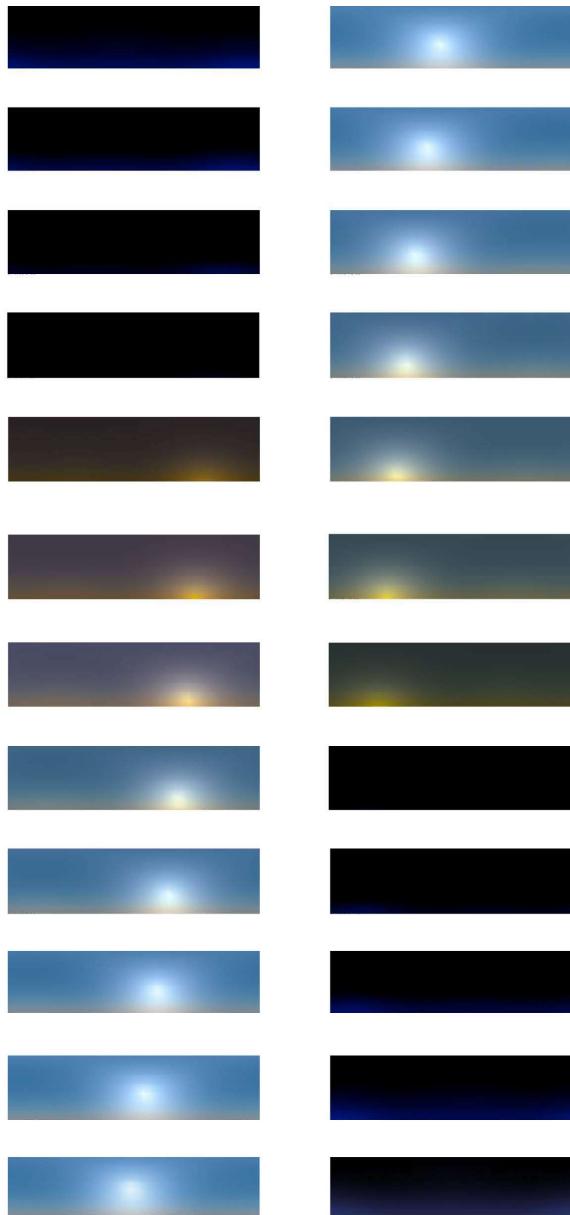
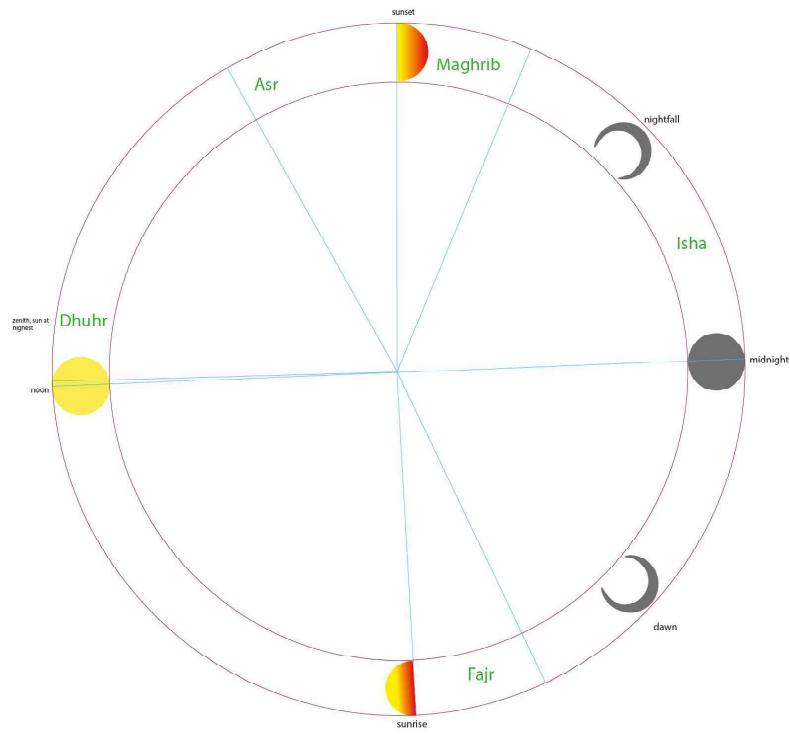
Proposal: A landscape photography learning and art centre guided by spiritual values, colour and patterns. This building establishes a new landmark to explore, appreciate and insert in the Kent landscape and environment. The key inspiration driving the concept is the 5 daily Islamic prayers that are an important pillar of the religion and in practising worshippers' lives. To capture this integral part of the communities' spiritual wellbeing and daily life, the building's architecture and programme aim to be explicitly driven by this daily cycle which is based off sun and shadow positions for each prayer. The building as a sundial will capitalise on the exposed environment at Dungeness to harness daylight, exterior views and the openness to steer its activities. The programme focuses on analogue landscape photography in light of the inspiring and unique Dungeness landscape, with activities ranging from chemically developing photographs, scanning and printing the artwork, as well as presenting it in a gallery space. The building as a sundial as well as camera aims to draw attention to diurnal visual and atmospheric changes, as well as provide frames and views to the landscape through varying orientations and altitudes. The building will incorporate structural solutions that allow for a range of open and private spaces, adapting dynamically to the different activities and sun/light conditions. In turn, specific environmental drivers include daylight and light quality and colour. Equinoxes and solstices, where changes in environmental conditions are most apparent and awe-inspiring. Balconies and terraces and ramps provide elevated views and variety of experiences. The designated community of users include photography students, artists, and local gallery visitors gathering to share this visual, atmospheric, and spiritual experience of the building as a sundial driven by the prayer cycle.



Site Plan

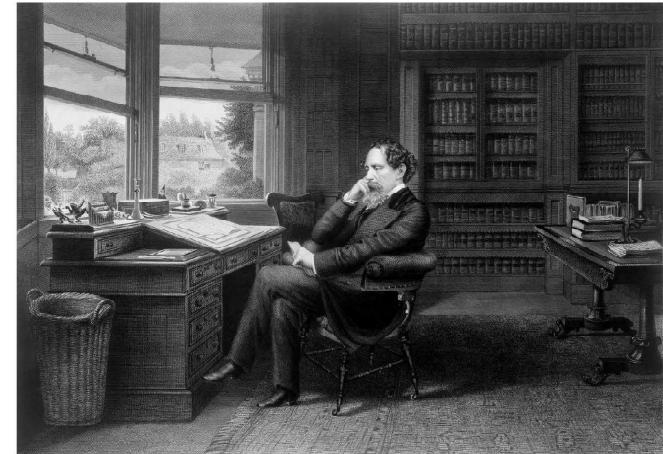
Study of area of interest, chosen for being surrounded by interesting landscape, inspiring for landscape photography both in terms of **views** from the building, and **access** to go out and explore these sites





#### Light colour and quality

Mapping the 5 prayer times that are key moments for the building as a sundial, along with the sky colour at these times that will affect the internal atmosphere of the building's spaces



## Photography Retreat Inspiration

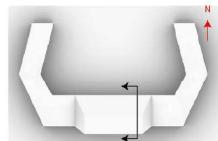
Derek Jarman's photography

Ansel Adams' analogue Landscape Photography

Kent landscape as a source of Inspiration for writers such as Charles Dickens and William Golding

## Gallery Space

Mapping light changes in first floor central gallery space over a day in the equinoxes  
The light is softer in the morning and evening but more direct in the afternoon



spring equinox



morning



afternoon



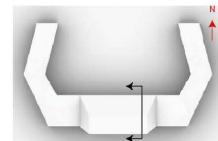
evening

autumn equinox



## Gallery Space

Mapping light changes in first floor central gallery space over a day in the solstices  
The sun angles are more acute therefore there is more direct and directional light



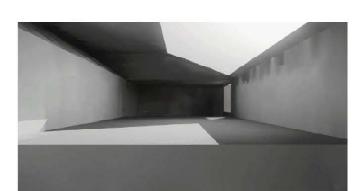
summer solstice



morning



afternoon



evening

winter solstice



afternoon



evening

## Light Simulation

Sun and shadow simulations for 3 times of day in equinox and solstice times in first floor gallery space

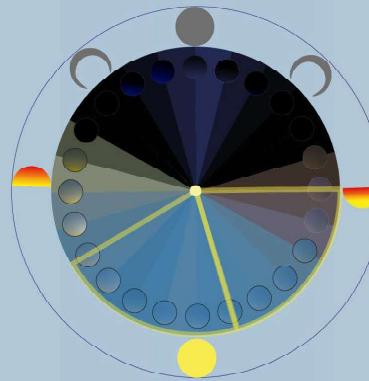
### East Section in use

Showing the activation of different spaces in the morning and uses of the photographers' private living area and balcony; the double height gallery space; photographers' balcony and art library  
With some atmospheric environmental features such as light colour and shading systems

Prayer cycle and light conditions for spring equinox



photographer's gallery balcony is a semi-private space  
central area transition between early morning and daytime  
spaces, as well as private and public spaces



### Light colour section

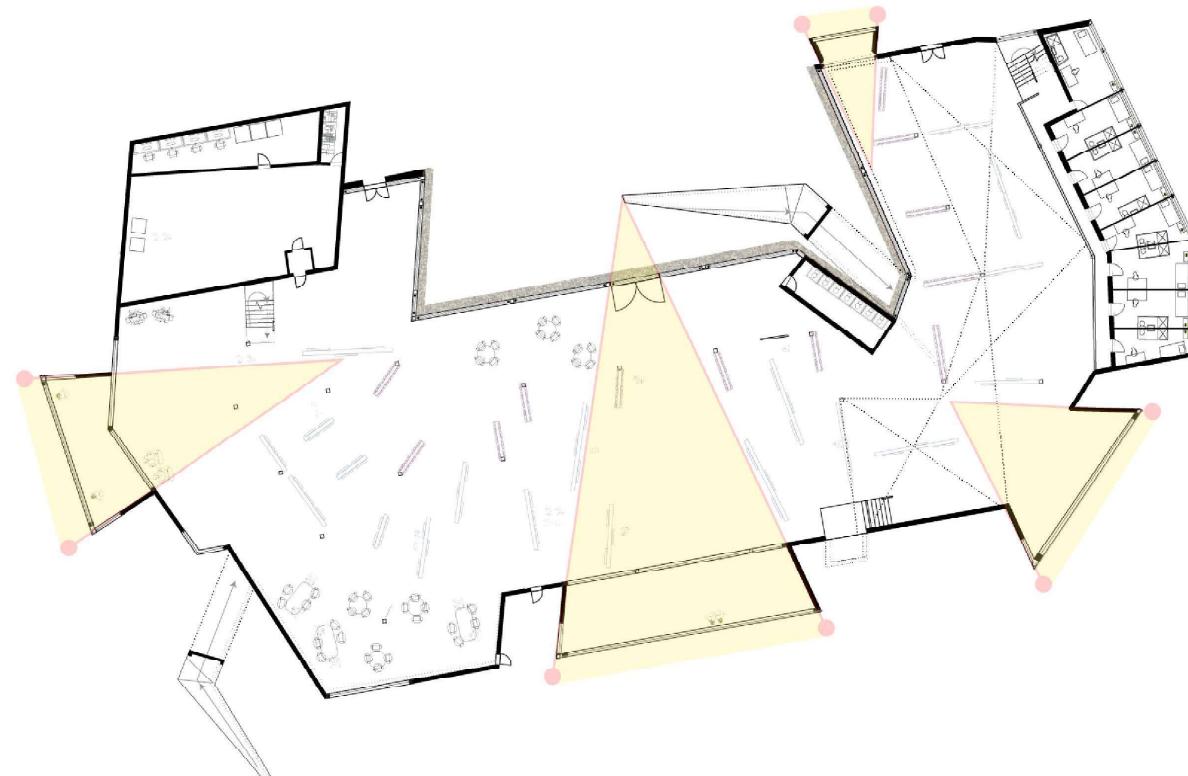
showing light features in spaces in use throughout the day

10m  
Scale: 1:25

## Ground Plan

[View pods](#)

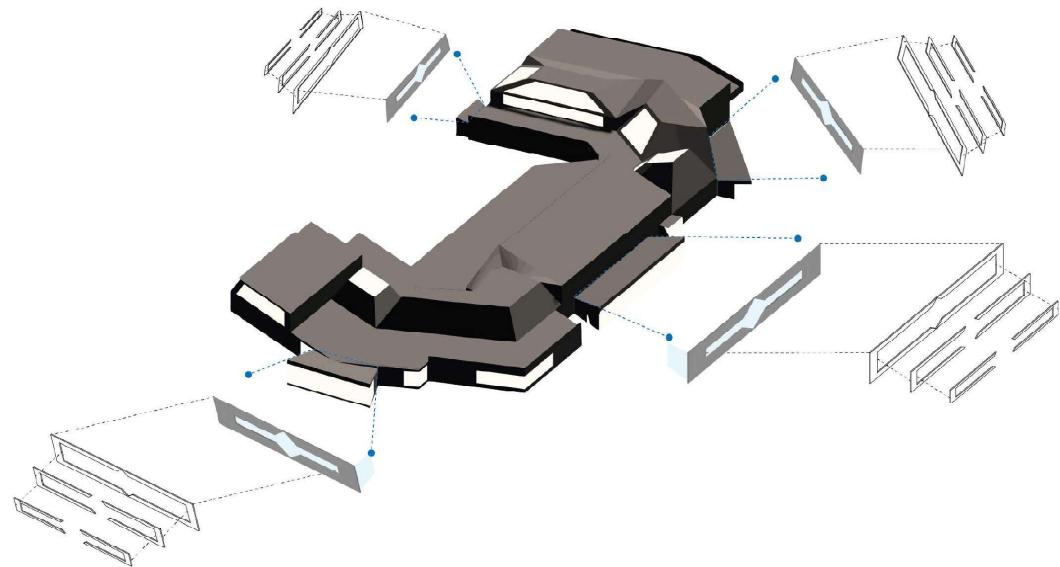
N  
↑



Scale 1:100

## Viewfinder Shading system for glass observatories

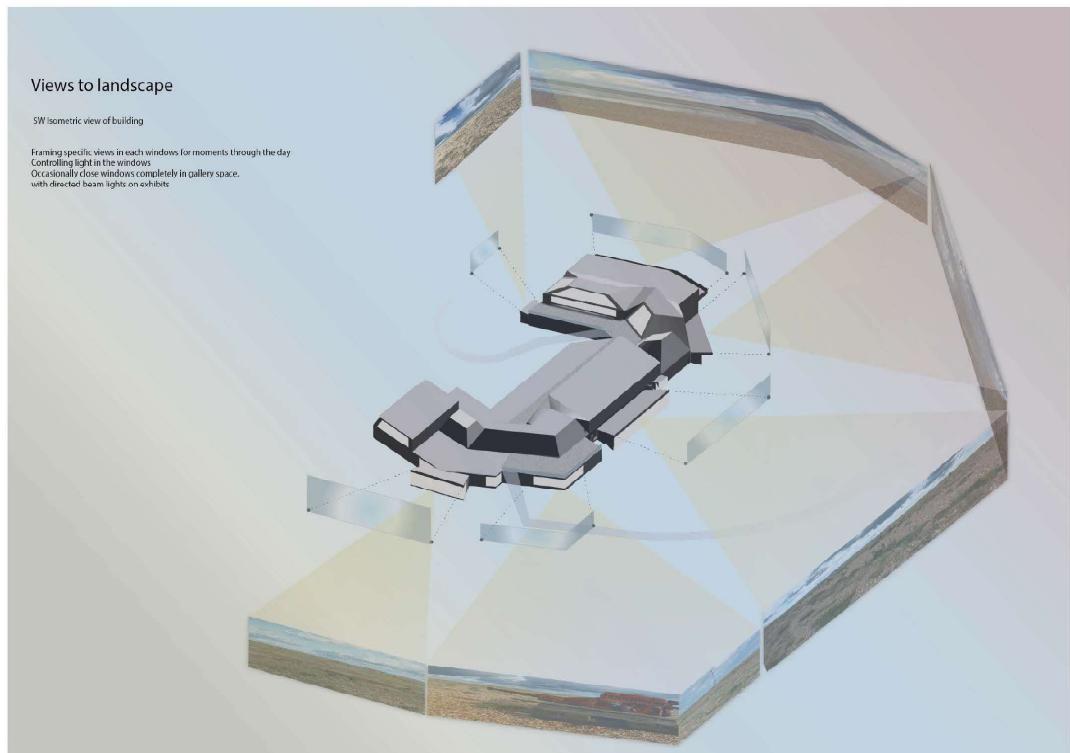
Isometric mapping of observatories



## Views to landscape

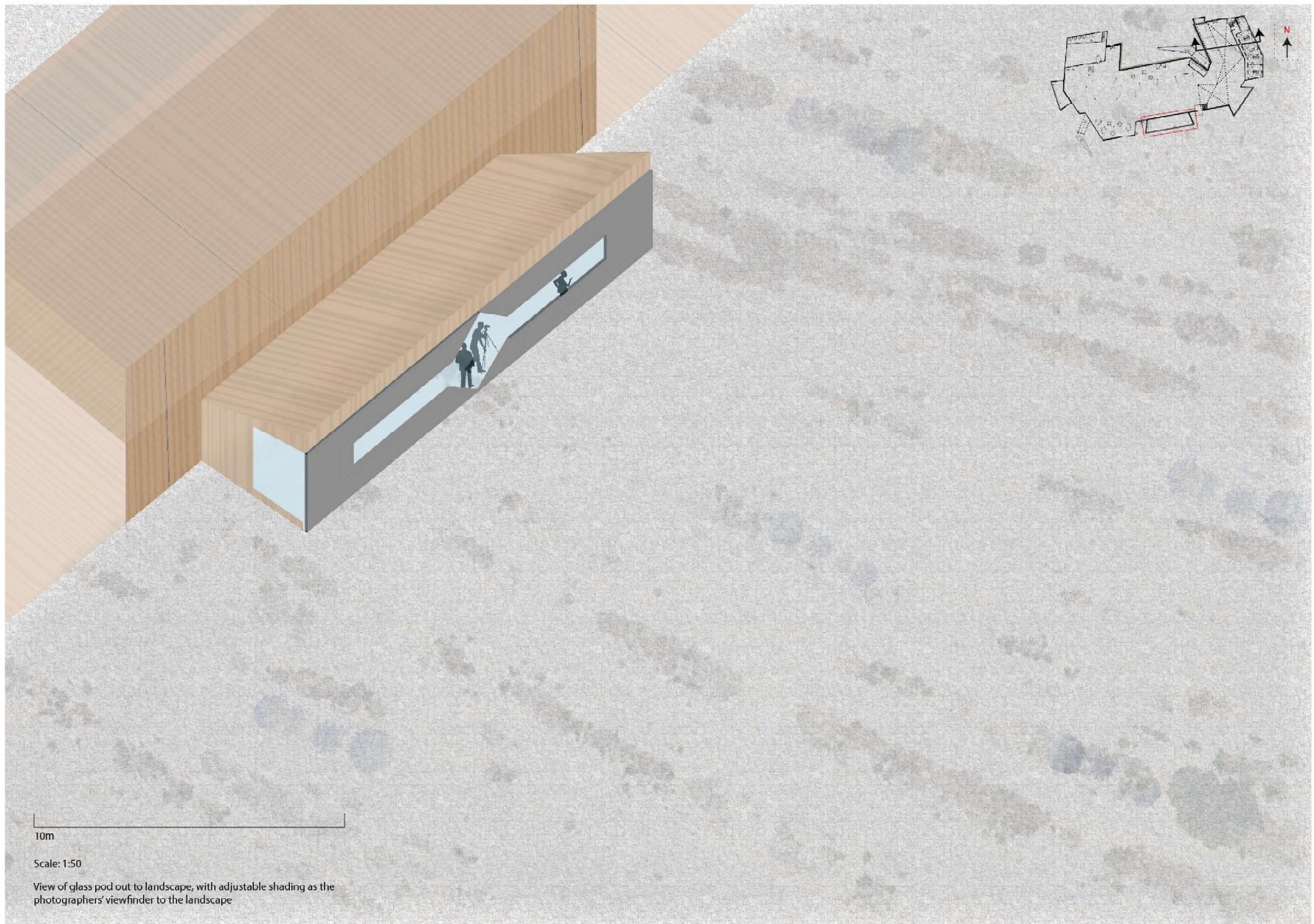
SW Isometric view of building

Framing specific views in each windows for moments through the day  
Controlling light in the windows  
Occasionally close windows completely in gallery space,  
with directed beam lights on exhibits



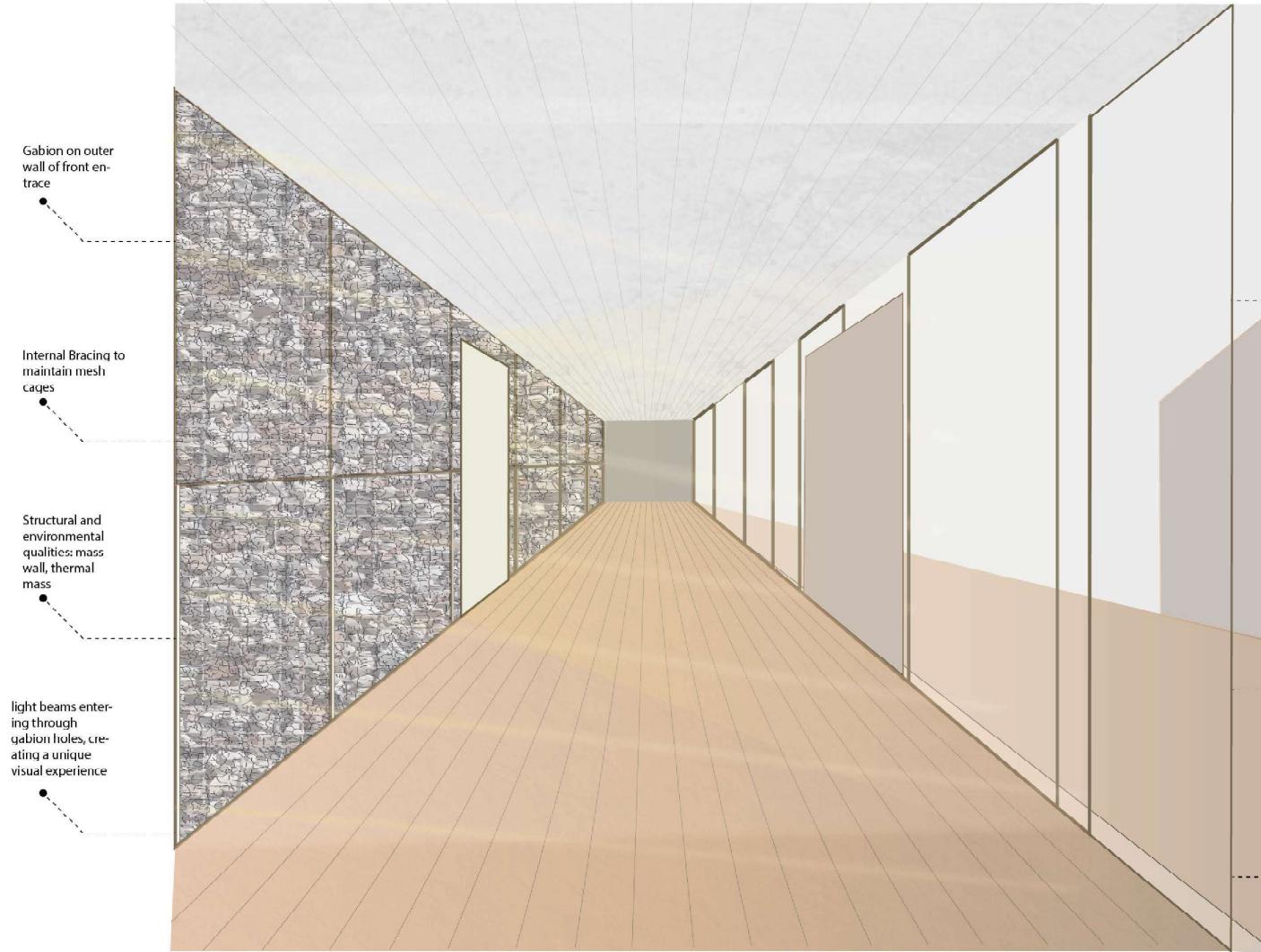
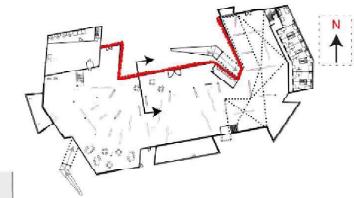
## Viewfinders

The building as a camera: glass bays and adjustable shading system act as viewfinders and frame the landscape at moments throughout the day



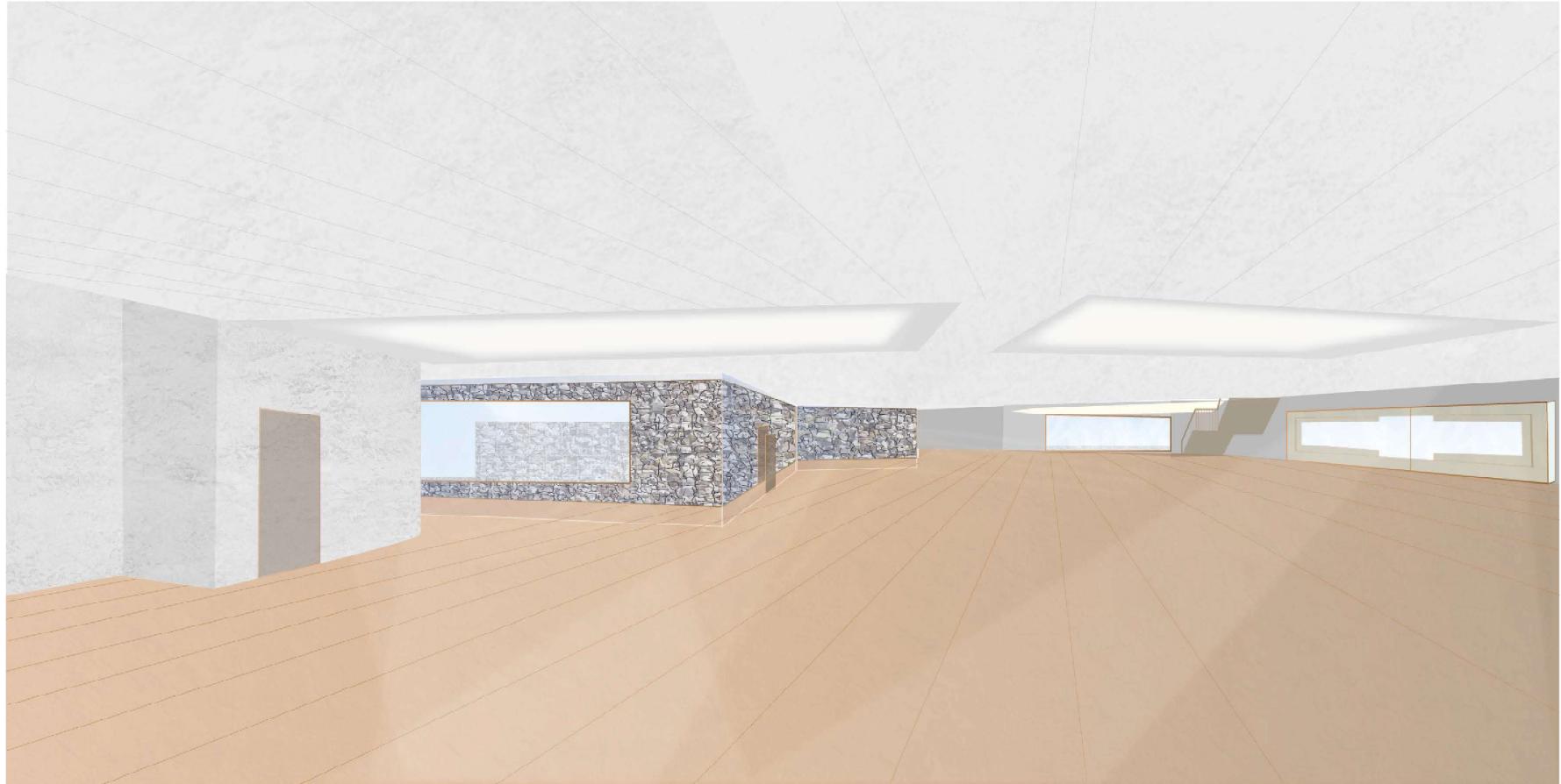
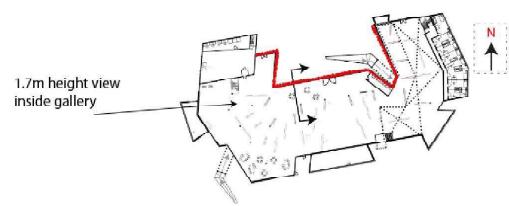
## Gabion Wall Details

Gabion wall with internal glass membrane at entrance leading to art library and gallery space illustrating light quality at entrance



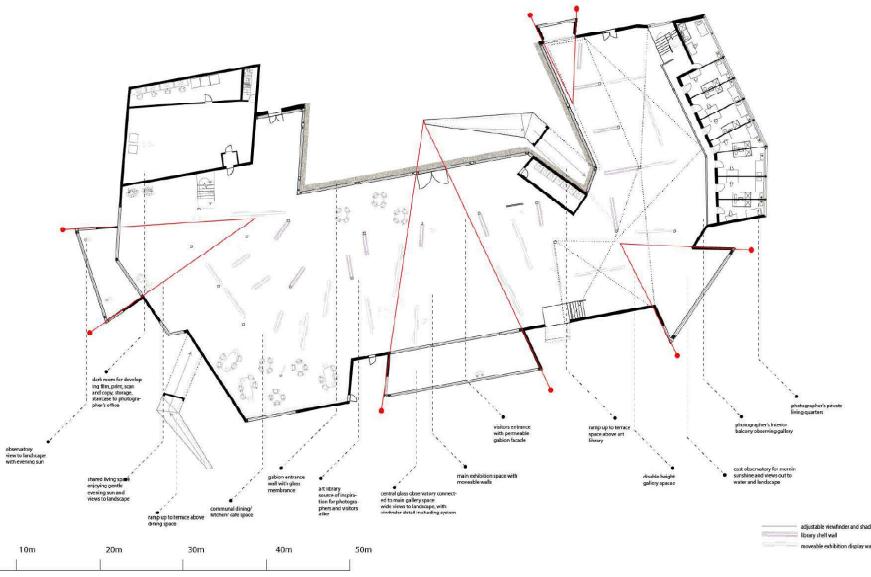
## Gabion Wall

Illustration showing gabions in front entrance with glass membrane to let in light and provide interesting views to landscape.  
Rooflights and glass pod openings let in light, with custom sliding shading shown in gallery glass pod



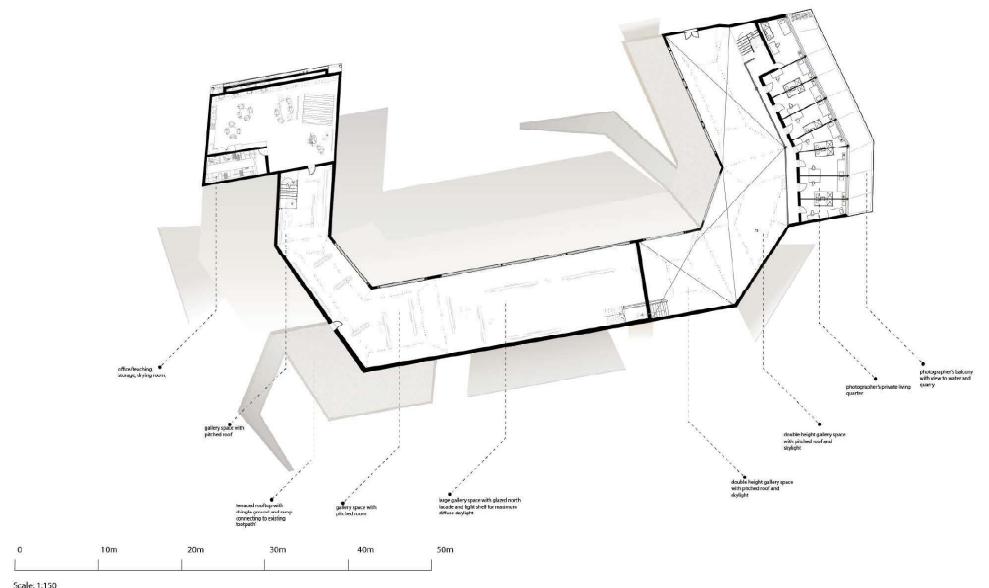
### Ground Plan

Final iteration focuses on:  
 -exhibition walls arranged to maintain view cones  
 -Gabion wall details showing porous wall visual feature  
 -Ramps showing connections to landscape  
 -Light quality in spaces  
 -All stairways in gallery reinforces it as a central space for circulation



### First Floor Plan

Final iteration focuses on:  
 -Exhibition walls arranged to maintain views and avoid direct light from roof glazing  
 -Ramps showing connections to landscape  
 -Light quality in spaces  
 -All stairways in gallery reinforces it as a central space for circulation  
 -Section cut at height showing circulation and roof structure more appropriately

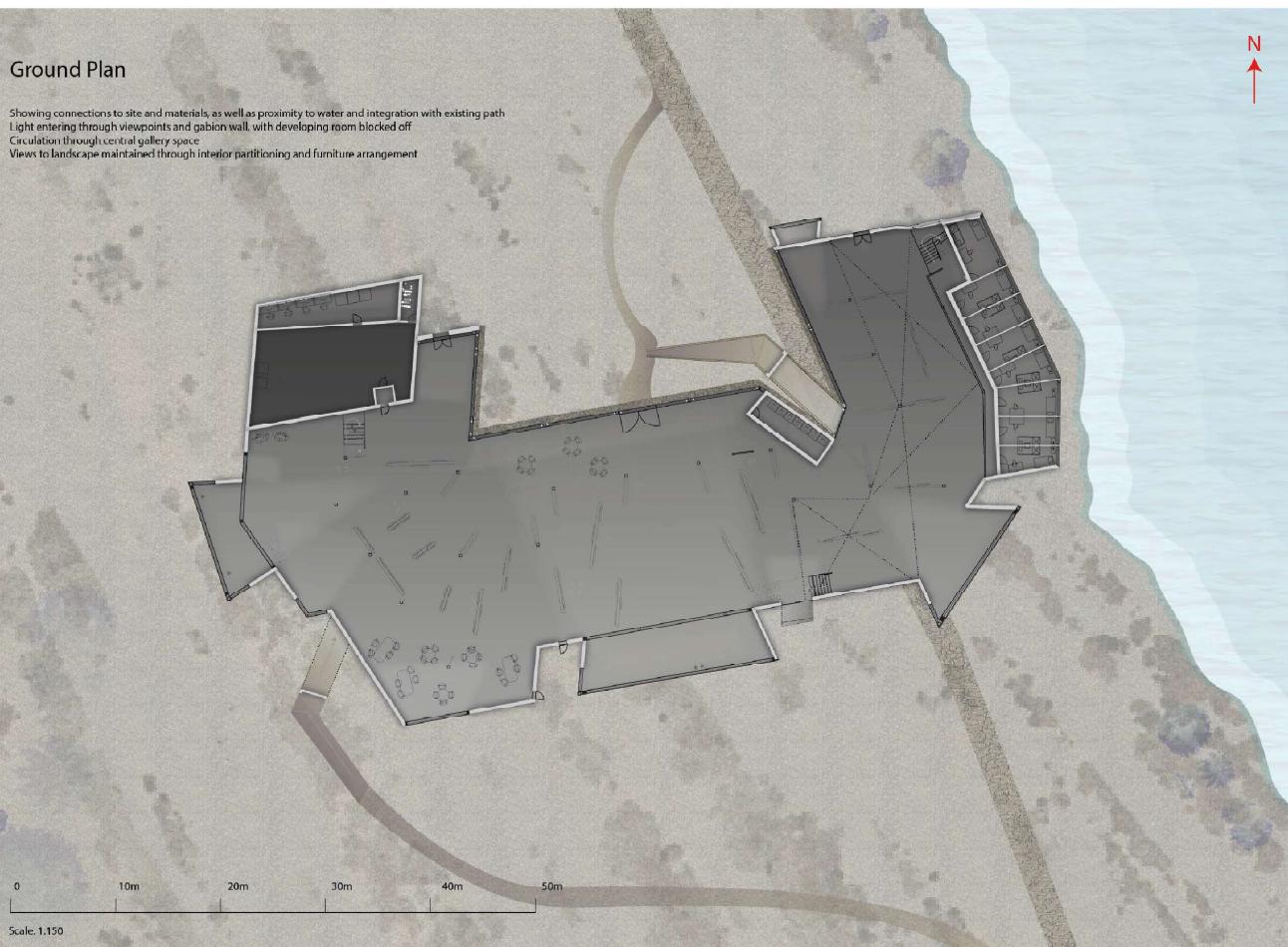


### Plan

Labelled plan drawings of ground and first floor spaces arranged in the 'U' sunpath shape in the overall massing.

## Ground Plan

Showing connections to site and materials, as well as proximity to water and integration with existing path  
Light entering through viewpoints and gabion wall, with developing room blocked off  
Circulation through central gallery space  
Views to landscape maintained through interior partitioning and furniture arrangement



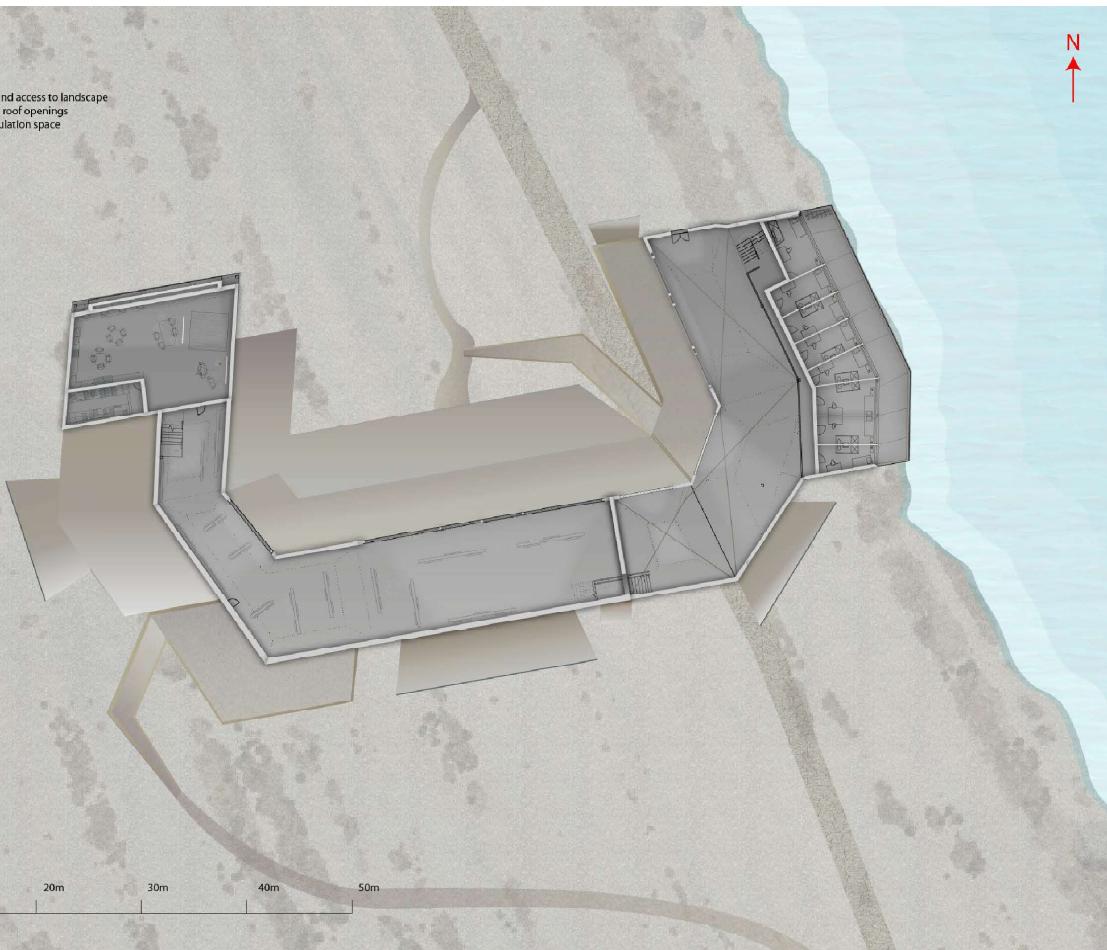
## Ground floor plan in site context

Morning and evening spaces in use with atmospheric light colour and quality



## First Floor Plan

Focusing on re-integrating key views and access to landscape  
Light entering space through pitched roof openings  
First floor gallery space as central circulation space



## First Floor Plan

Showing morning spaces activated by eastern light



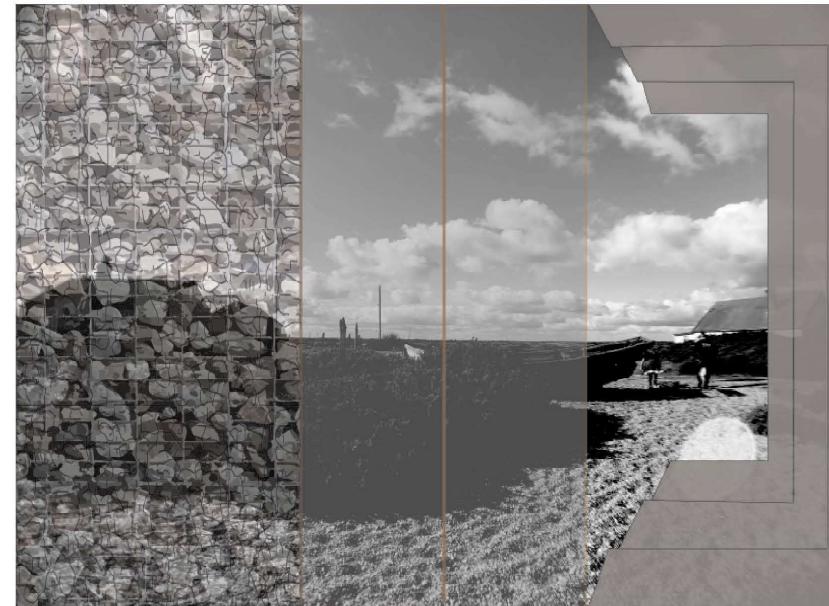
## First Floor Plan

Showing evening spaces activated by western light



## First floor plan in site context

Morning and evening spaces in use with atmospheric light colour and quality

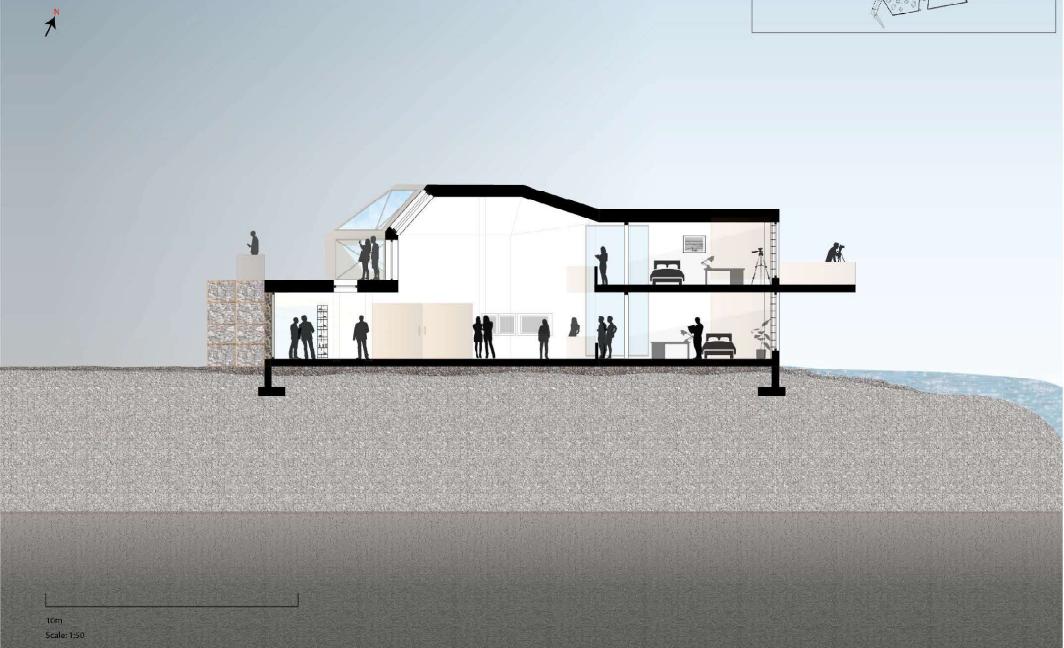


#### Views Catalogue

The different effects captured from the building, including views through perforated gabion walls, glass pods and through the adjustable shading mechanism

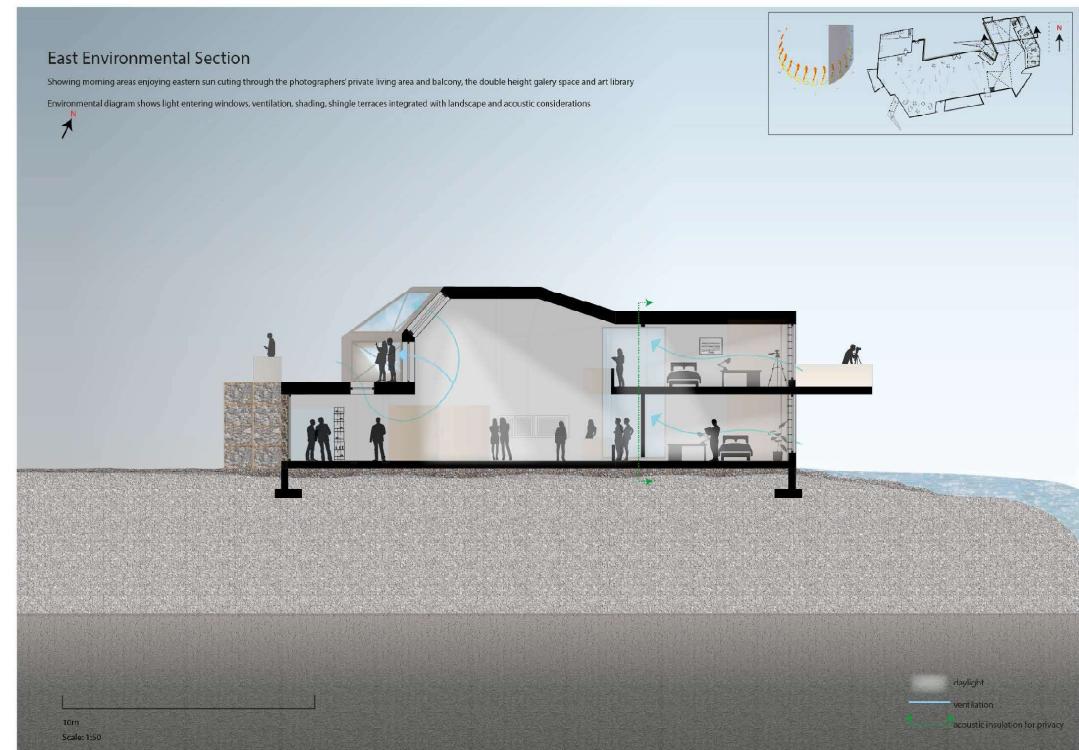
### East Section

Showing morning areas enjoying eastern sun cutting through the photographers' private living area and balcony, the double height gallery space and art library



### East Environmental Section

Showing morning areas enjoying eastern sun cutting through the photographers' private living area and balcony, the double height gallery space and art library  
Environmental diagram shows light entering windows, ventilation, shading, shingle terraces integrated with landscape and acoustic considerations

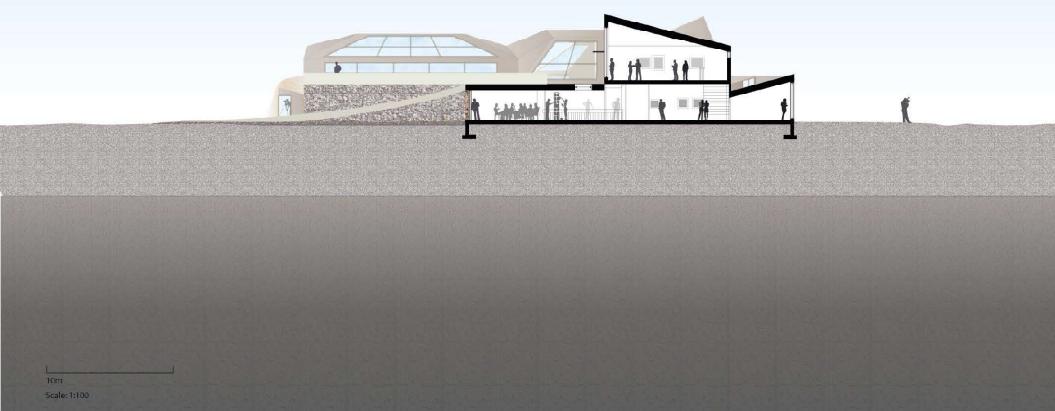
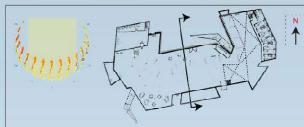


### Morning section

Section through east spaces including private living space with internal and external balconies, and environmental section showing light, acoustic and ventilation strategies

### Central Section

Showing main open plan gallery space with pods for views to landscape and interior balconies for residents

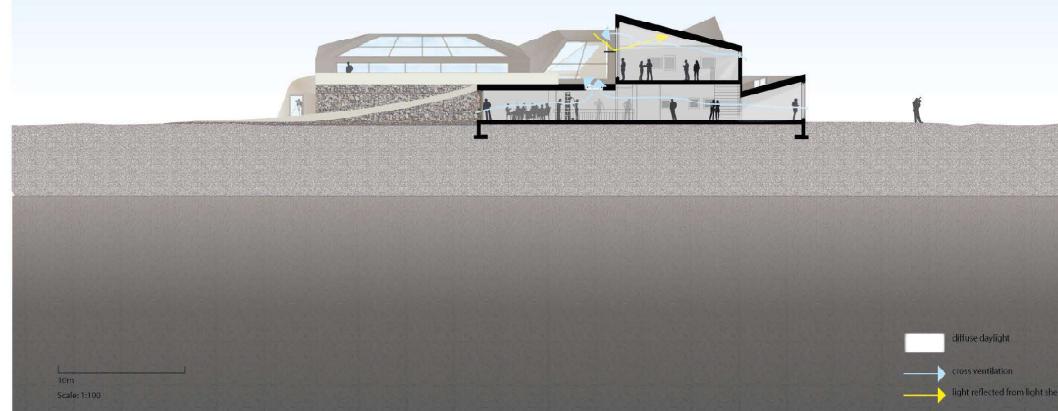


### Central Space section

Section through gallery and main circulation area, with environmental section showing light and ventilation strategies

### Environmental Section

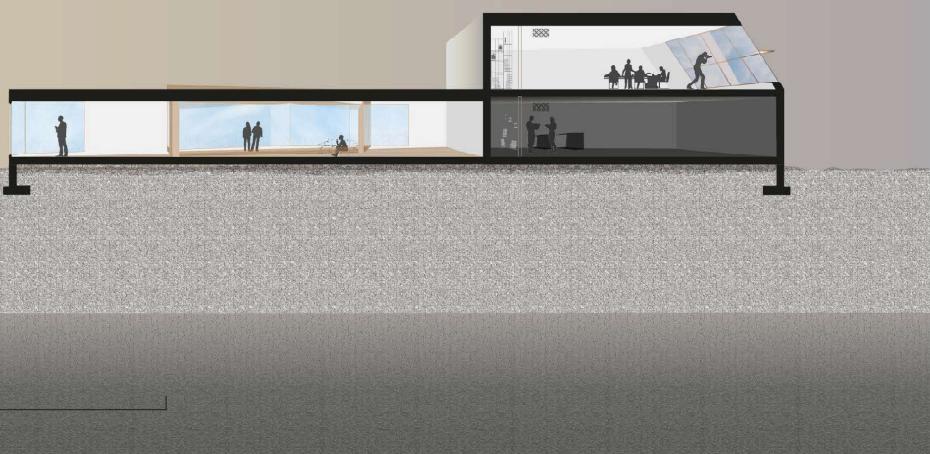
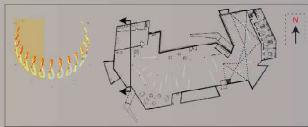
Showing openings for light and natural ventilation in central space, visitors entrance, art library, gallery and viewer pods  
Light shelf reflecting diffuse light in north windows of top floor gallery  
Ceiling openings to allow for cross ventilation in deep plan



- [White square] → diffuse daylight
- [Blue arrow] → cross ventilation
- [Yellow arrow] → light reflected from light shelf

### West Section

Perspective section showing western areas enjoying evening sun cutting through the dark room for developing film, upstairs photography office, kitchenette and film drying, and shared living space with glass observatory to landscape



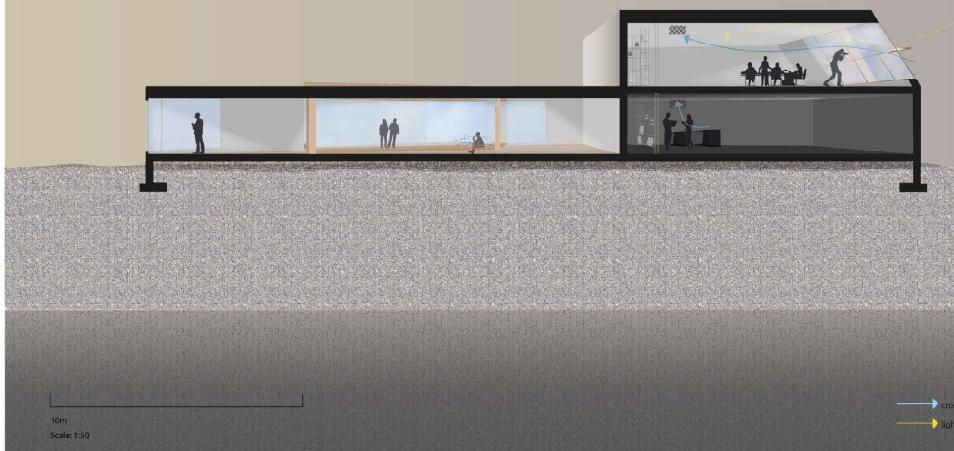
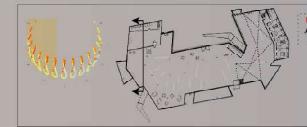
### Evening section

Perspective section through west spaces including shared living space, view pod and dark room for developing film, and environmental section showing light, ventilation strategies

### West Environmental Section

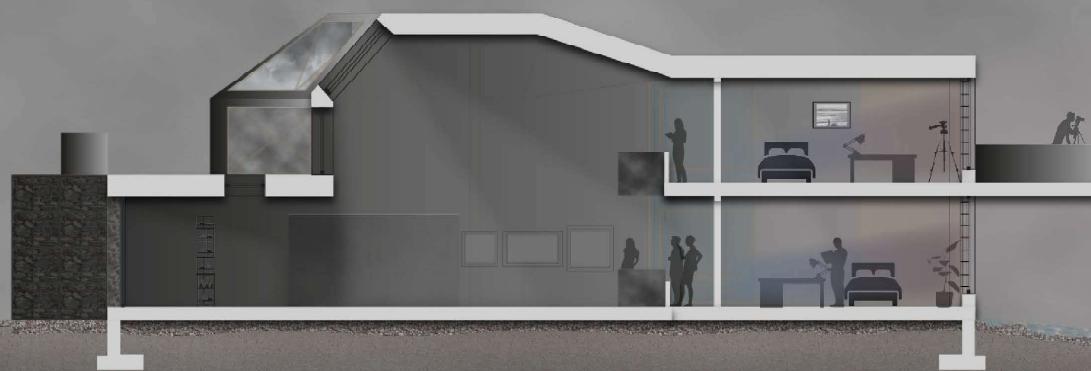
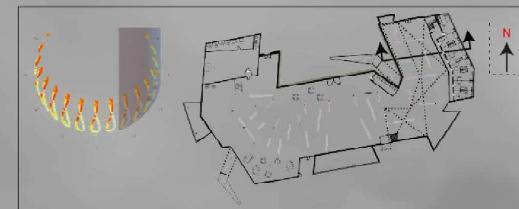
Perspective section showing western areas enjoying evening sun cutting through the dark room for developing film, upstairs photography office, kitchenette and film drying, and shared living space with glass observatory to landscape

Environmental section showing evening light, light shelf on north facade of top floor office, cross ventilation and extract ventilation in dark room



## East Section

Showing morning areas enjoying eastern sun cutting through the photographers' private living area and balcony, the double height gallery space and art library



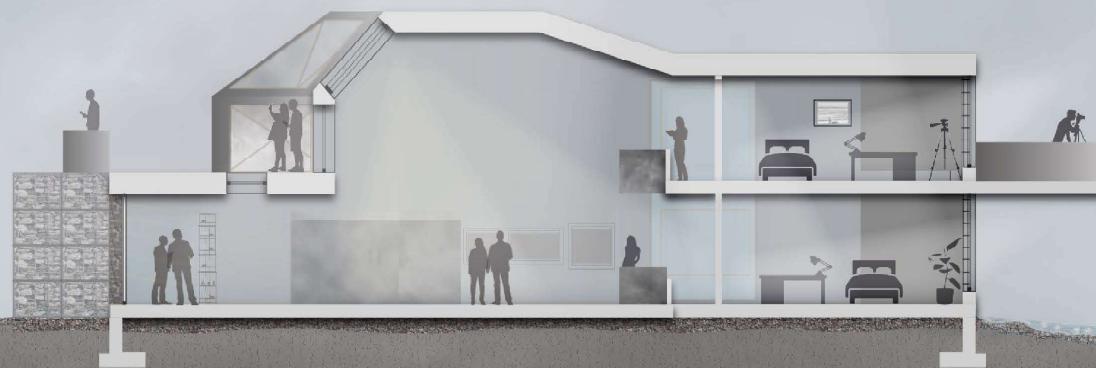
## Rendered section in use

Showing east spaces in morning use, including the private living space, gallery and internal/ external balconies.

10m  
Scale: 1:50

## East Section

Showing morning areas enjoying eastern sun cutting through the photographers' private living area and balcony, the double height gallery space and art library



## Rendered section in use

Showing east spaces in daytime use, including the private living space, gallery and internal/ external balconies.



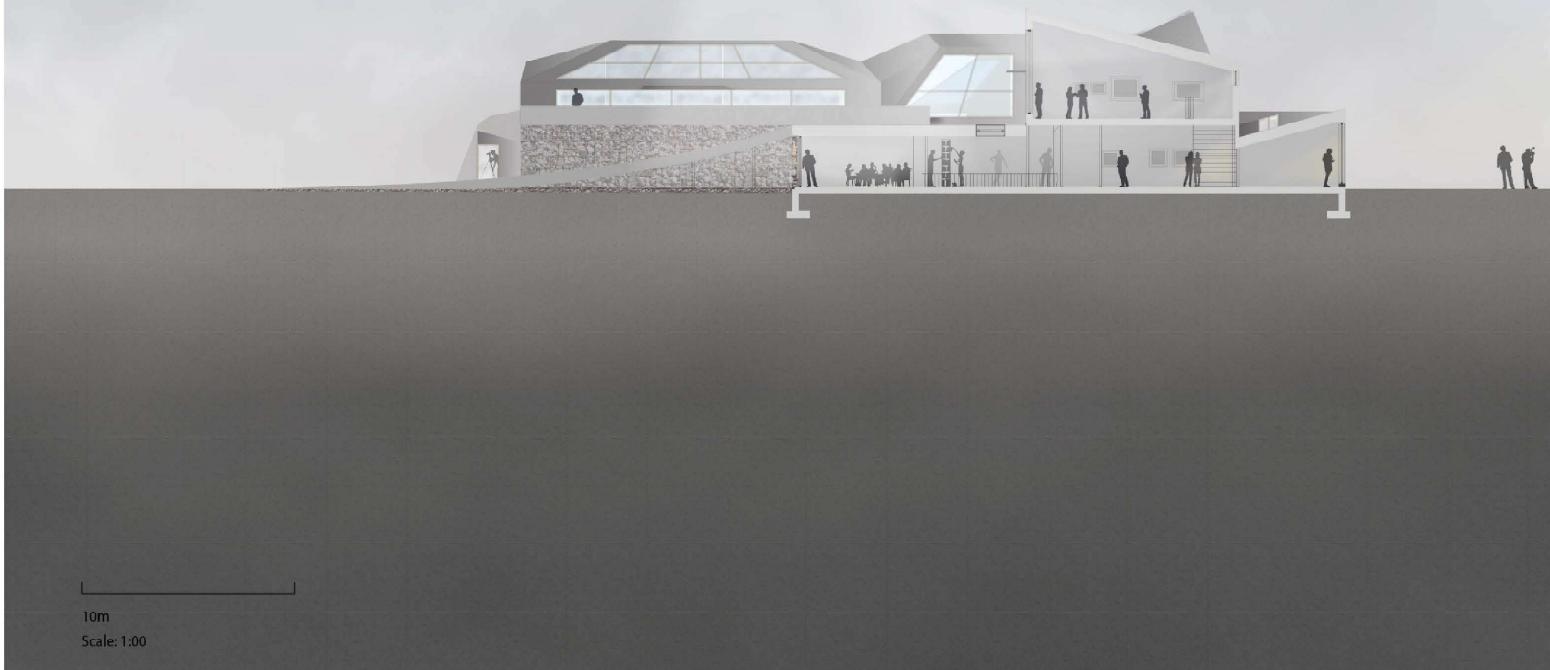
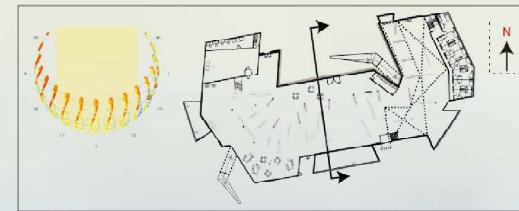
10m

Scale: 1:50

## Central Section

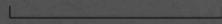
Showing main open plan gallery space with pods for views to landscape and interior balconies for residents

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## Rendered section in use

Showing central spaces in daytime use, including the gallery, art library, glass pod observatories and roof terraces.

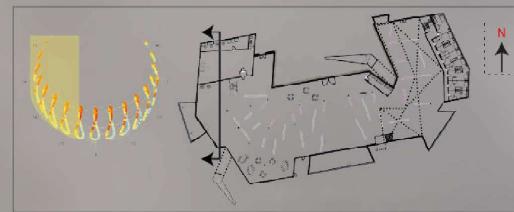


10m

Scale: 1:00

## West Section

Perspective section showing western areas enjoying evening sun cutting through the dark room for developing film, upstairs photography office, kitchenette and film drying, and shared living space with glass observatory to landscape



## Rendered section in use

Showing west spaces in evening use, including the shared living space, dark room, offices and glass pod observatories.



10m  
Scale: 1:50

