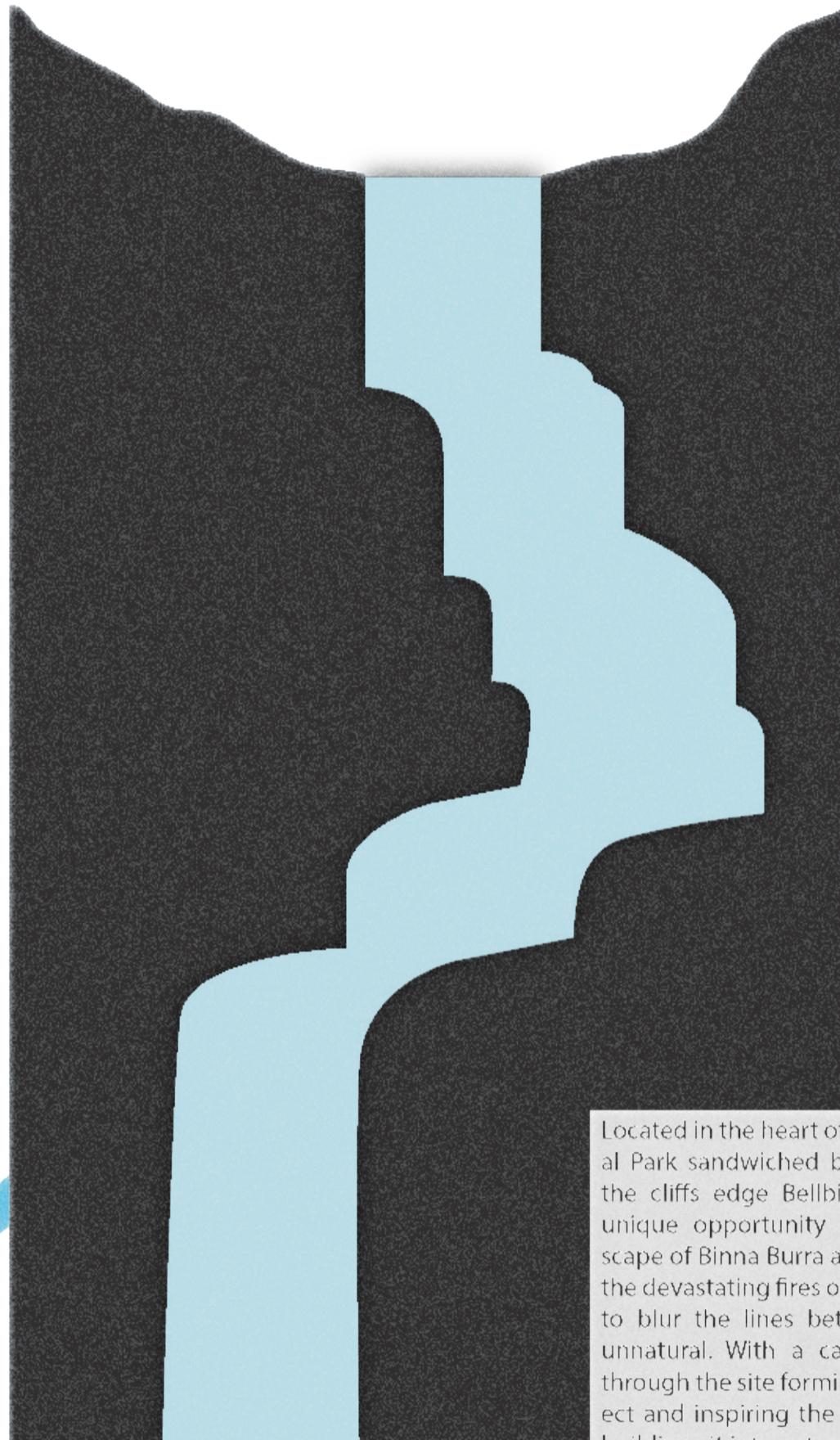




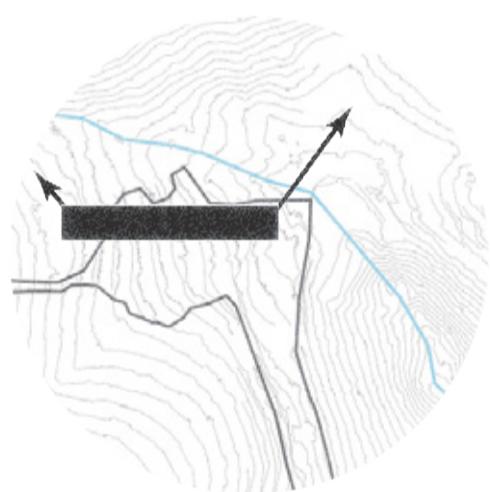
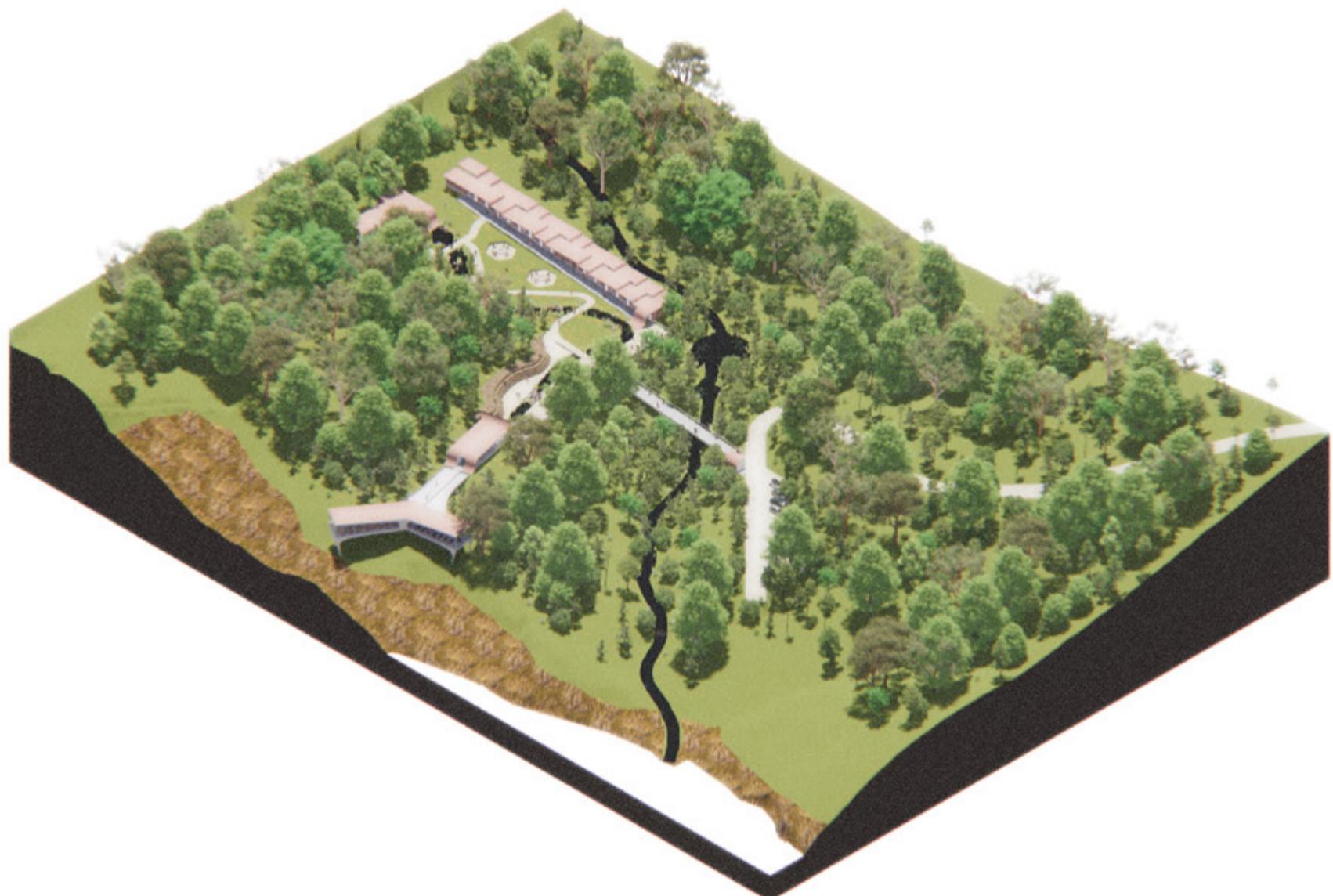
CASCADE

Succession of Knowledge
Flow of Water

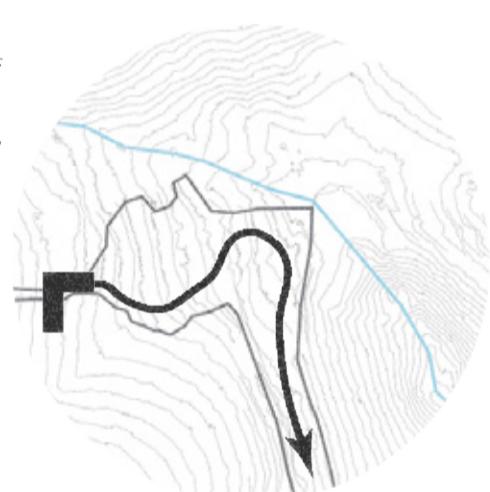


Located in the heart of the Lamington National Park sandwiched between the forest and the cliffs edge Bellbird clearing presents a unique opportunity to revitalise the landscape of Binna Burra and turn a new leaf after the devastating fires of 2019. This project aims to blur the lines between the natural and unnatural. With a cascading swale cutting through the site forming the spine of the project and inspiring the cascading forms of the buildings it interacts with. The hope is that by doing this the users of the site will have an engaging and intriguing connection with the landscape and its history through the built environment.

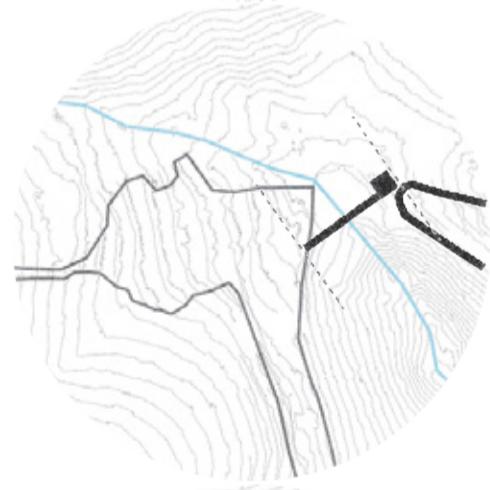
Spatial Programming



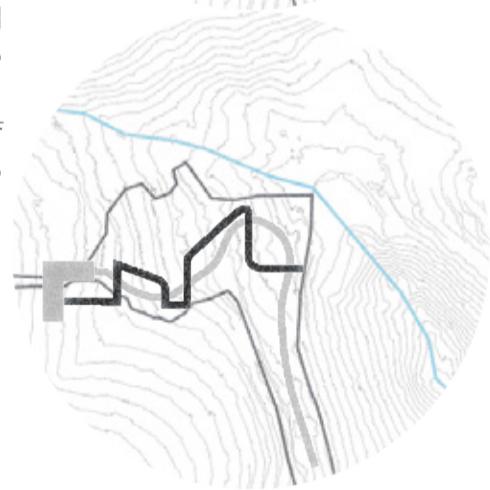
Cabins utilize
private views of
creek/forest



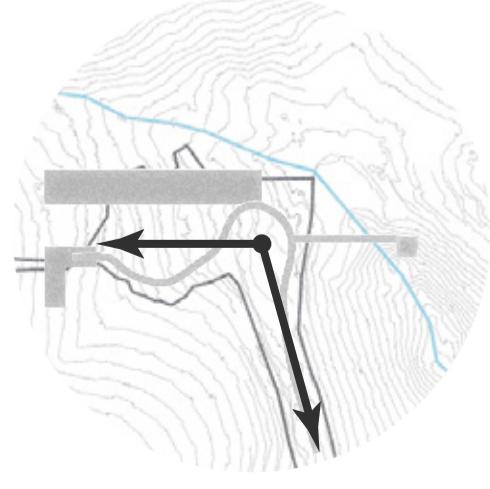
Research centre
is the nexus of
knowledge and
swale flow



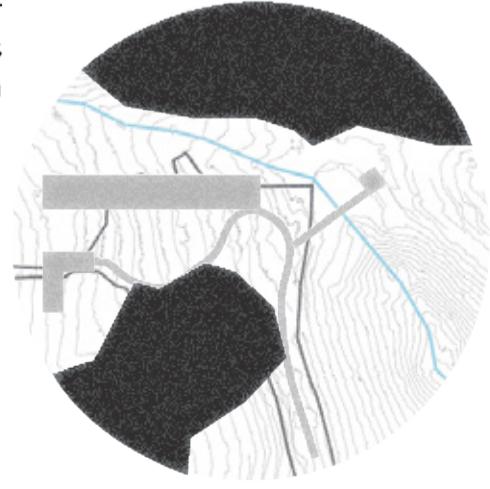
Parking oppo-
site creek, creek
becomes thresh-
old into site



Interpretive trail
follows swale
flow continuing
passage of
knowledge

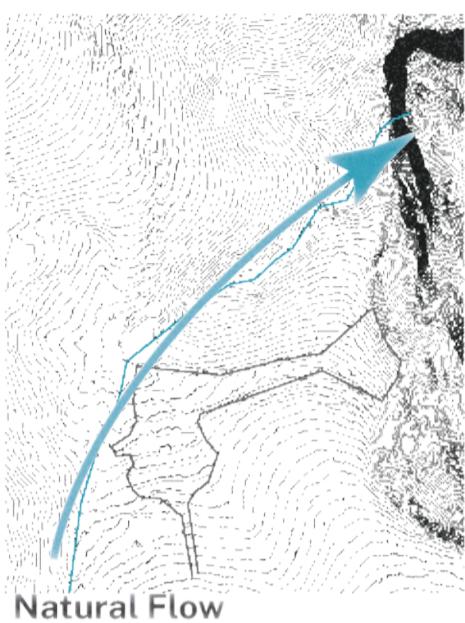


Key sight lines
allow views of
whole site from
entrance

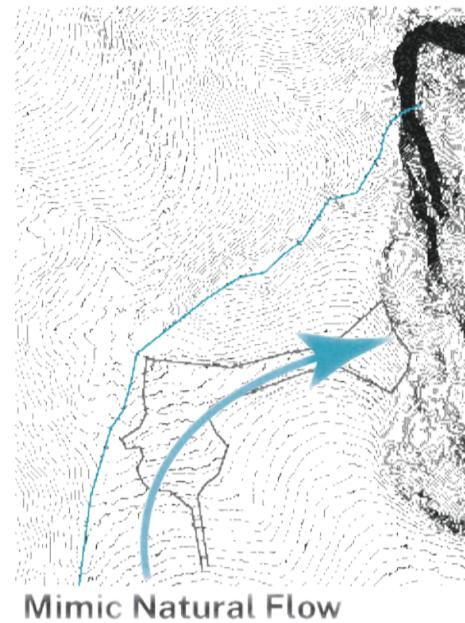


Compact linear
plan minimizes
deforestation

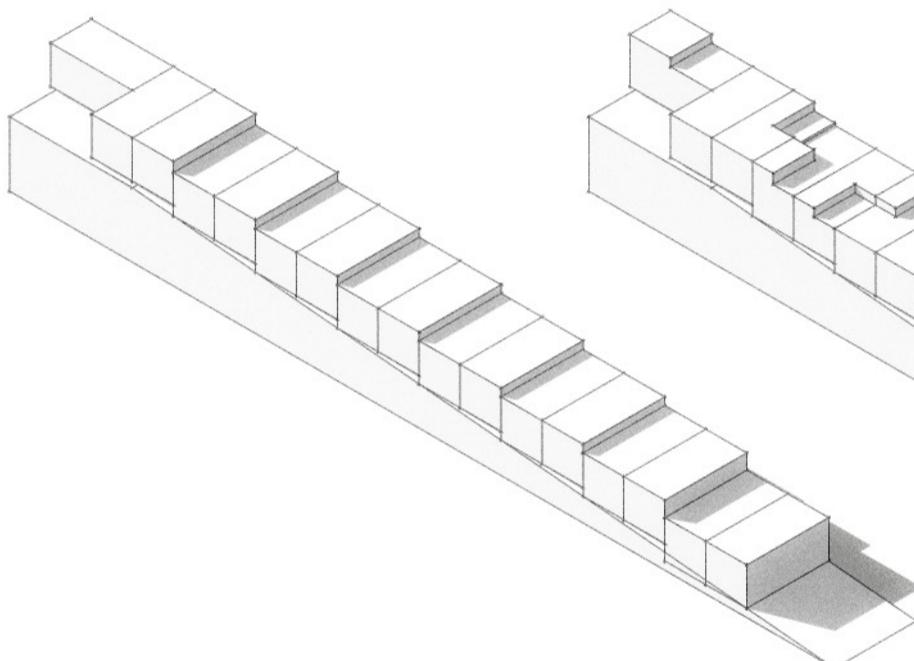
Concept Form Development



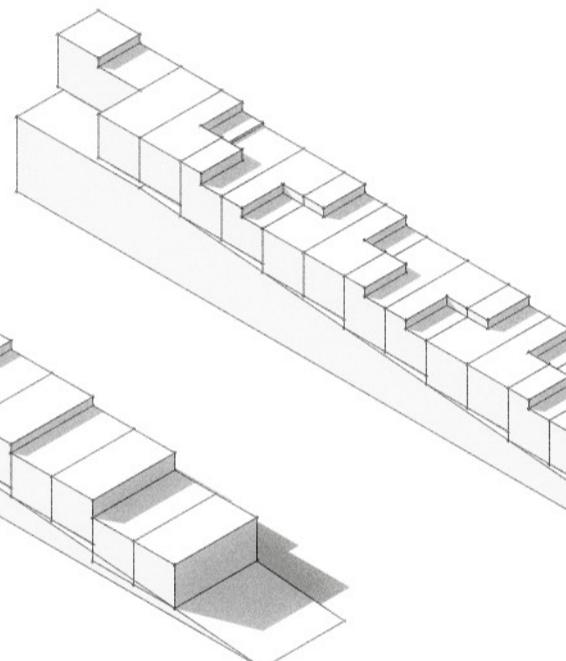
Natural Flow



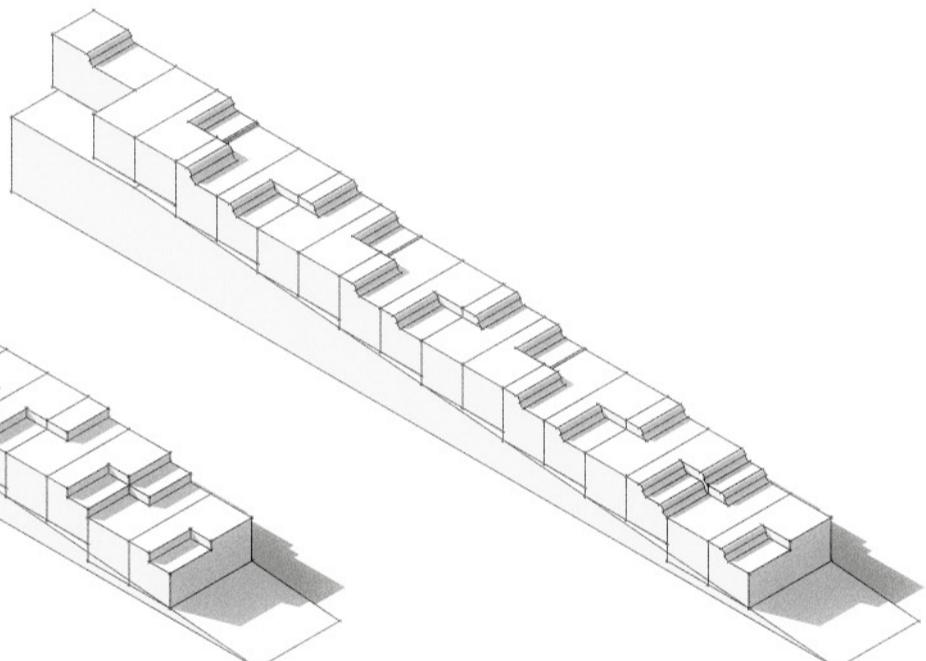
Mimic Natural Flow



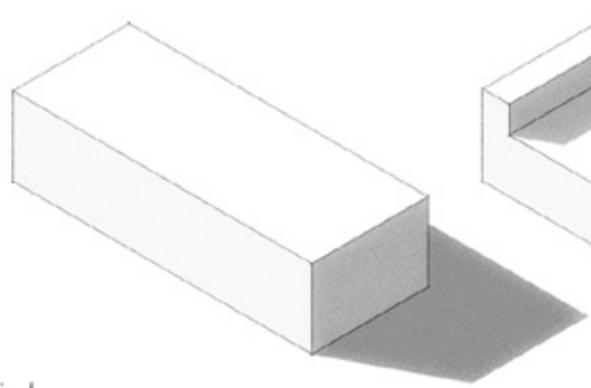
Spatial



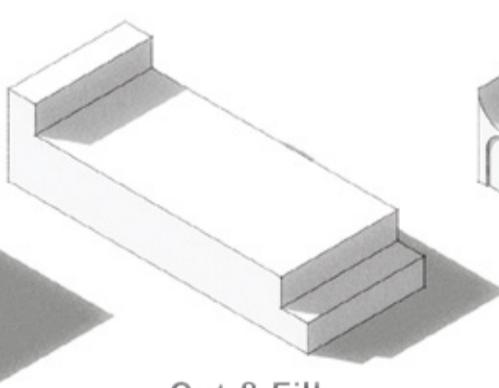
Cut & Fill



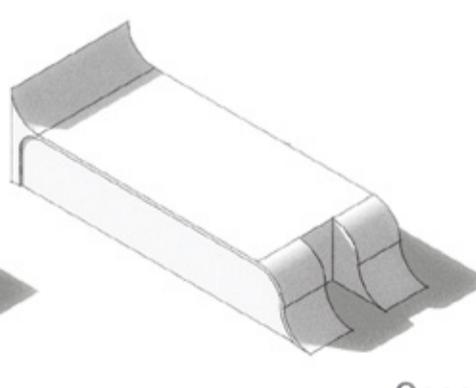
Cascading Form



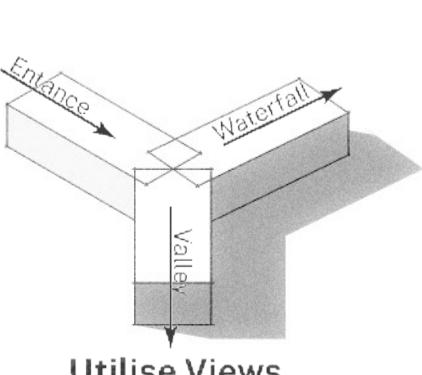
Spatial



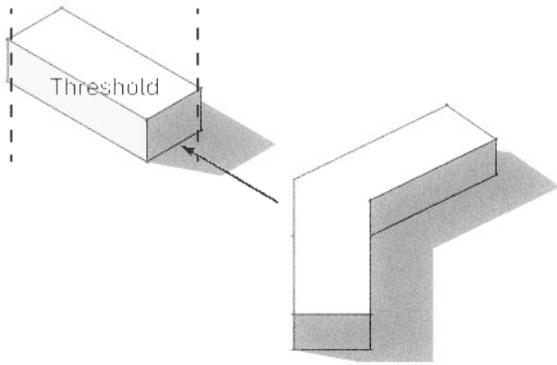
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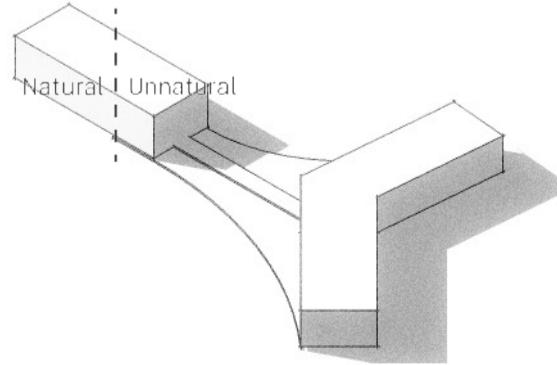
Cascading Form



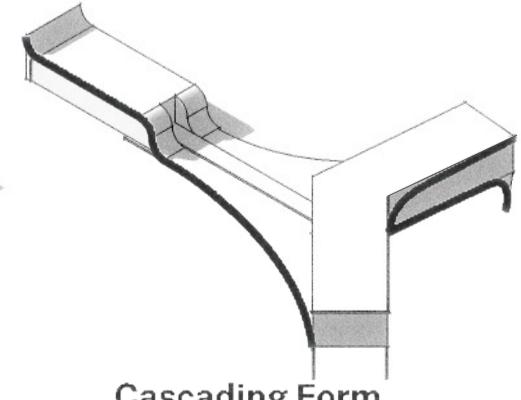
Utilise Views



Form Threshold

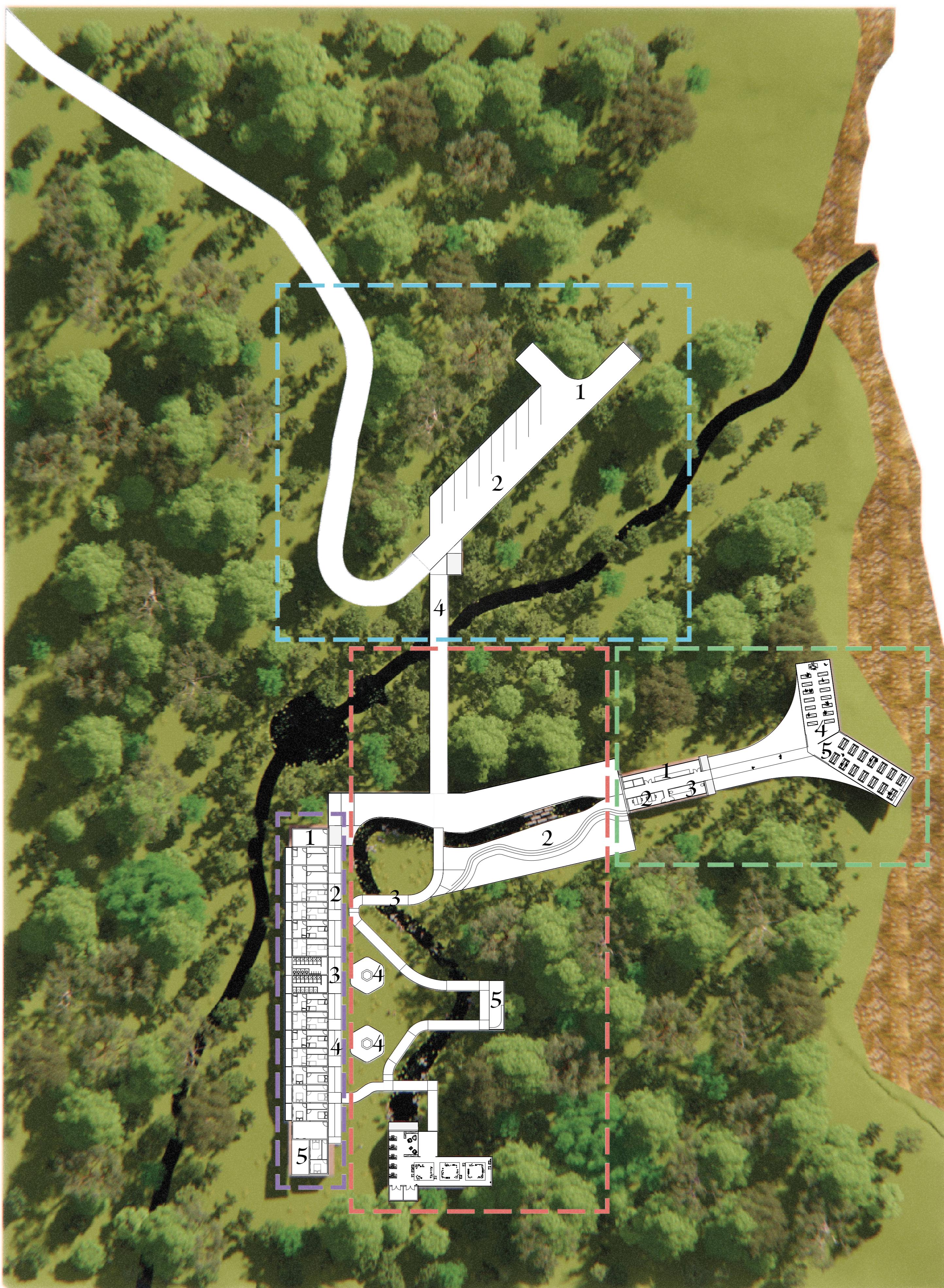


Natural v Unnatural



Cascading Form

Site Plan



Entrance

- Bus turnaround
- Capark
- Reception
- Bridge
-

- 1
- 2
- 3
- 4
- 5

Eco Centre

- Kitchen/Back of house
- Offices
- Toilets
- Seminar room
- Gathering space

Common Area

- Entrance courtyard
- Ampitheatre
- Interpretive trail
- Firepits
- Interpretive/Rest point

- 1
- 2
- 3
- 4
- 5

Cabins

- Cleaners/Maintenance room
- Bunk bed rooms
- Toilets
- Double bed cabins
- Long term stay

Perspectives



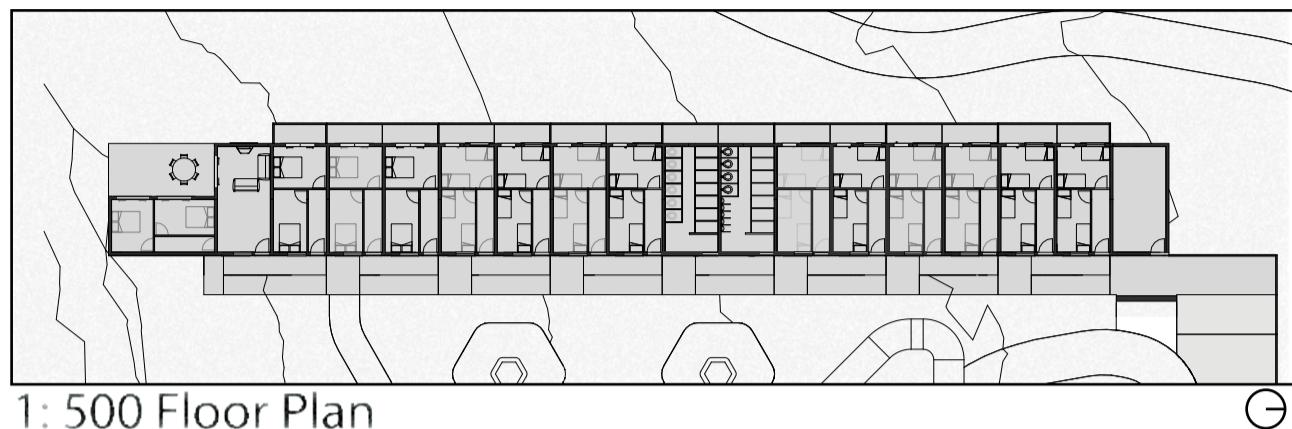
Perspectives



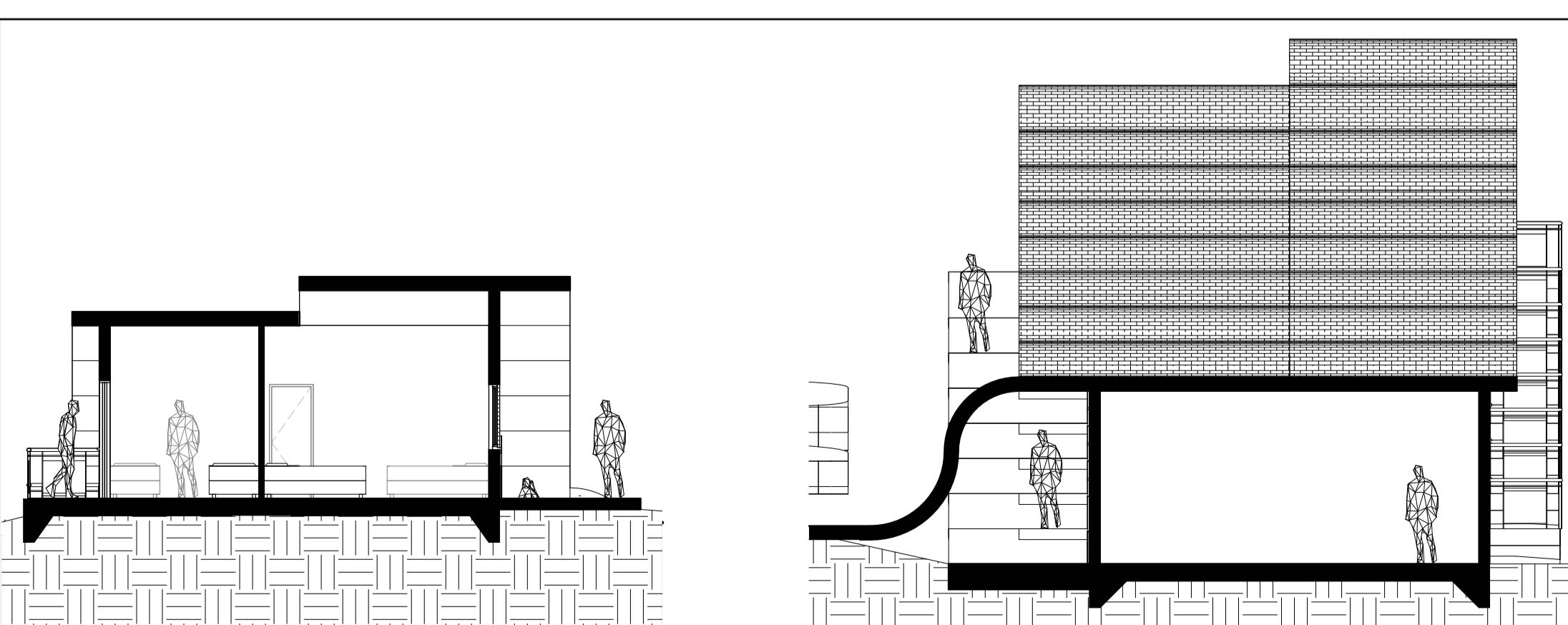
Perspectives



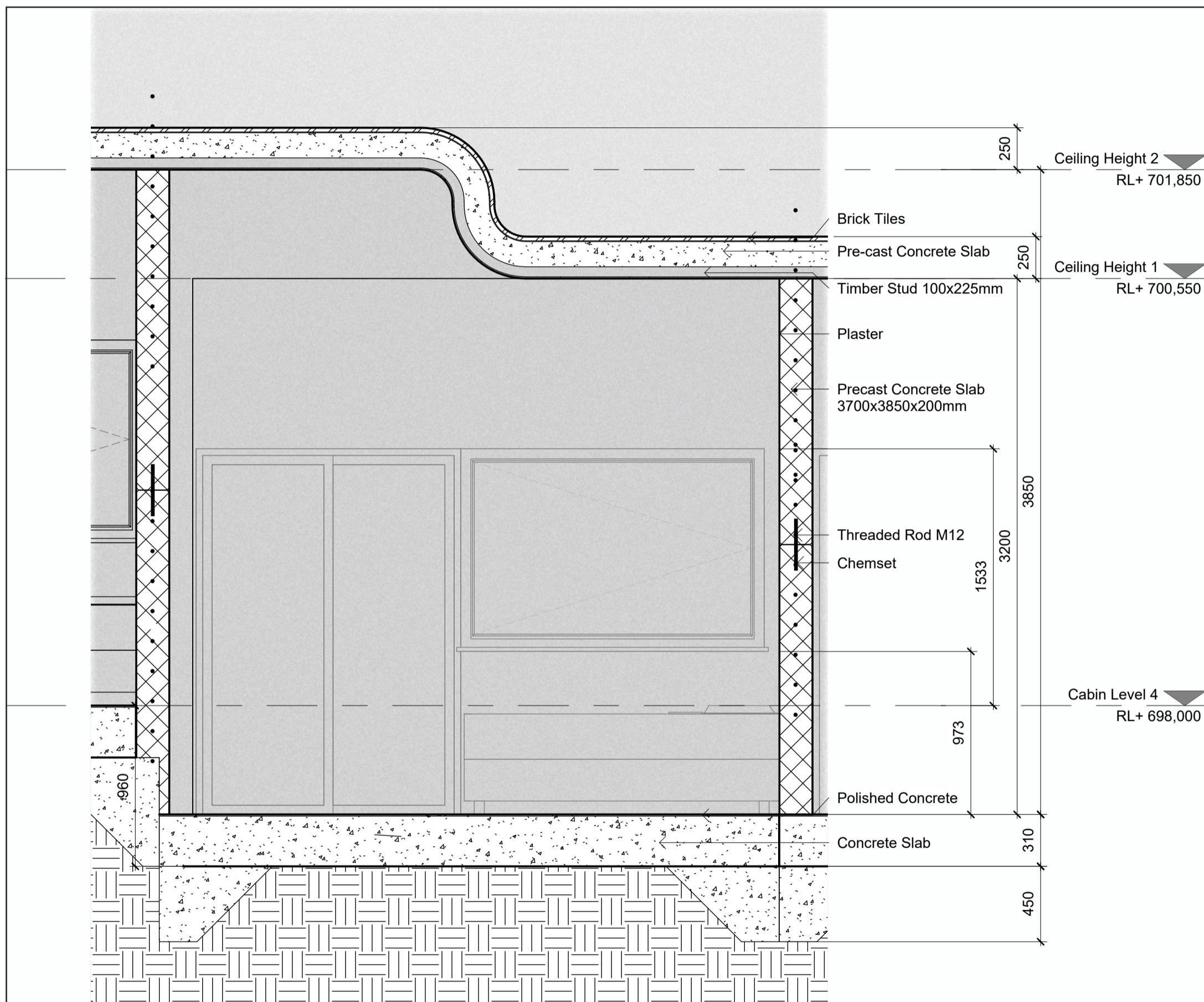
Cabin Drawings



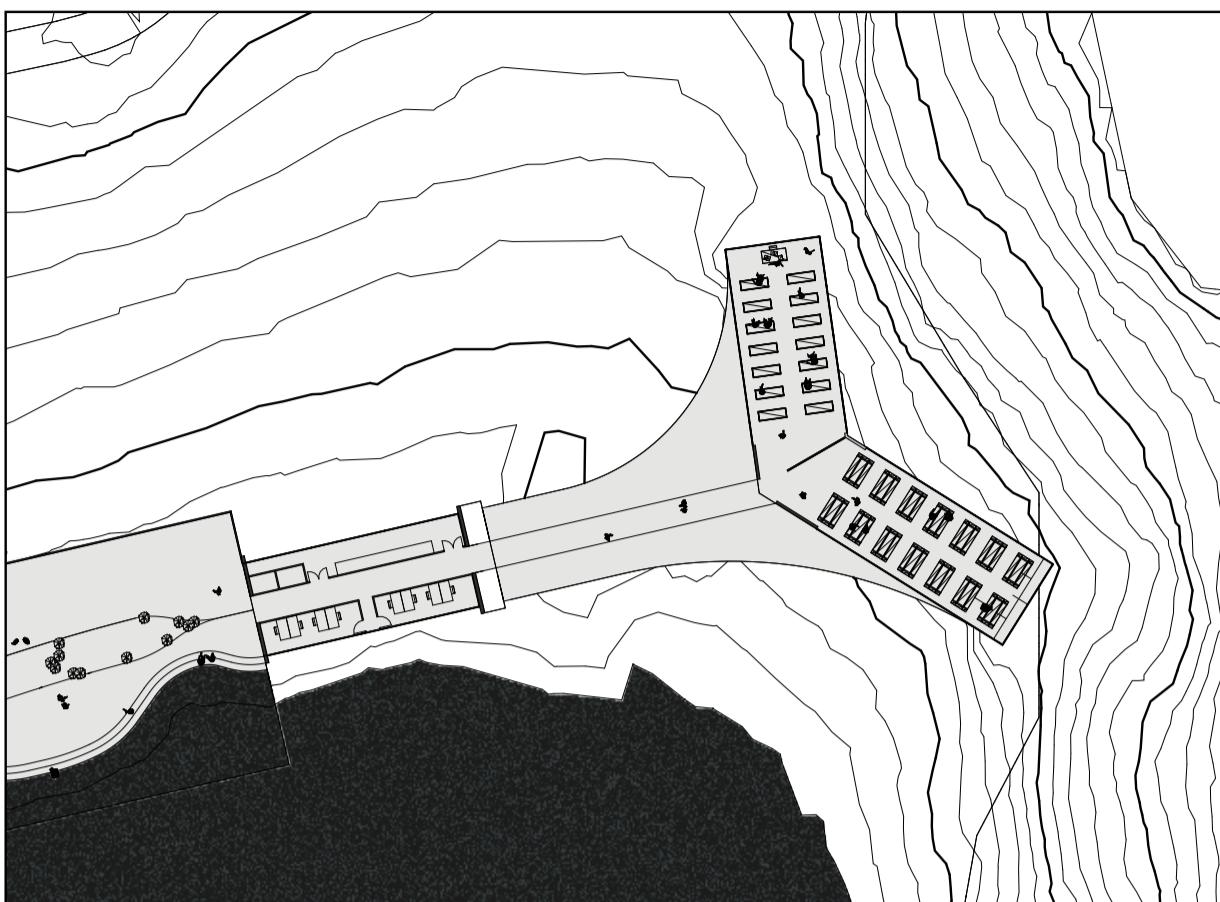
0L 110m



Cabin Drawings



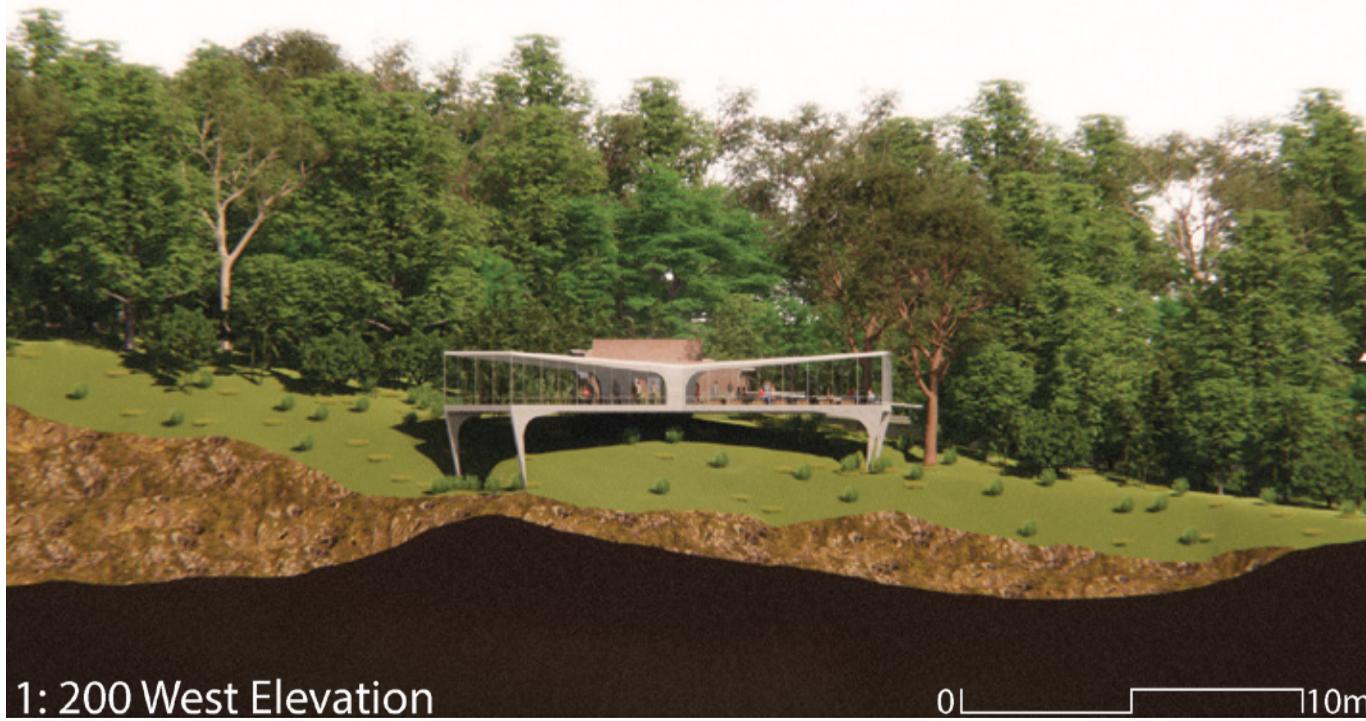
Eco-centre Drawings



1: 200 Floor Plan



1: 200 South Elevation

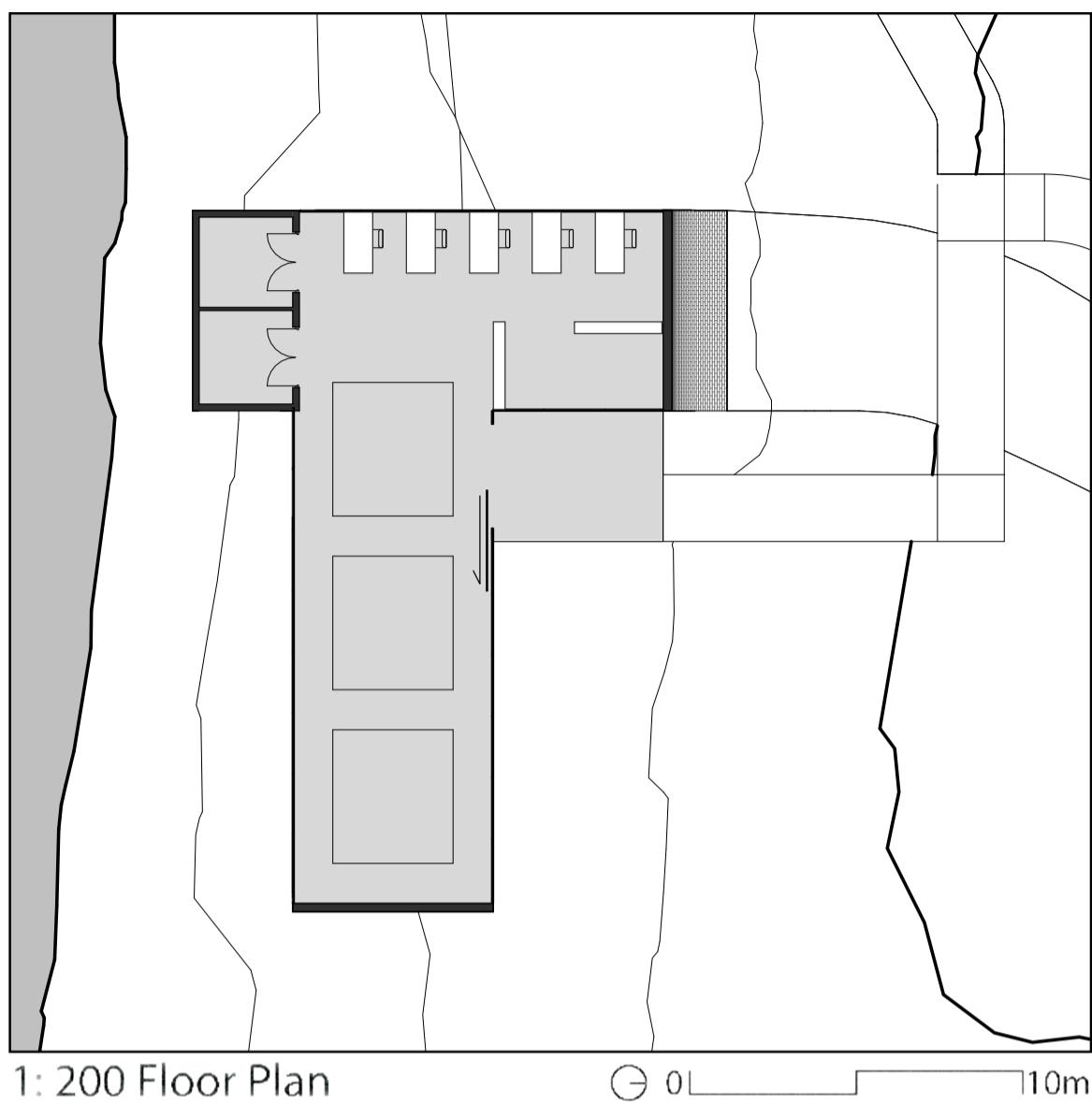


1: 200 West Elevation



10m

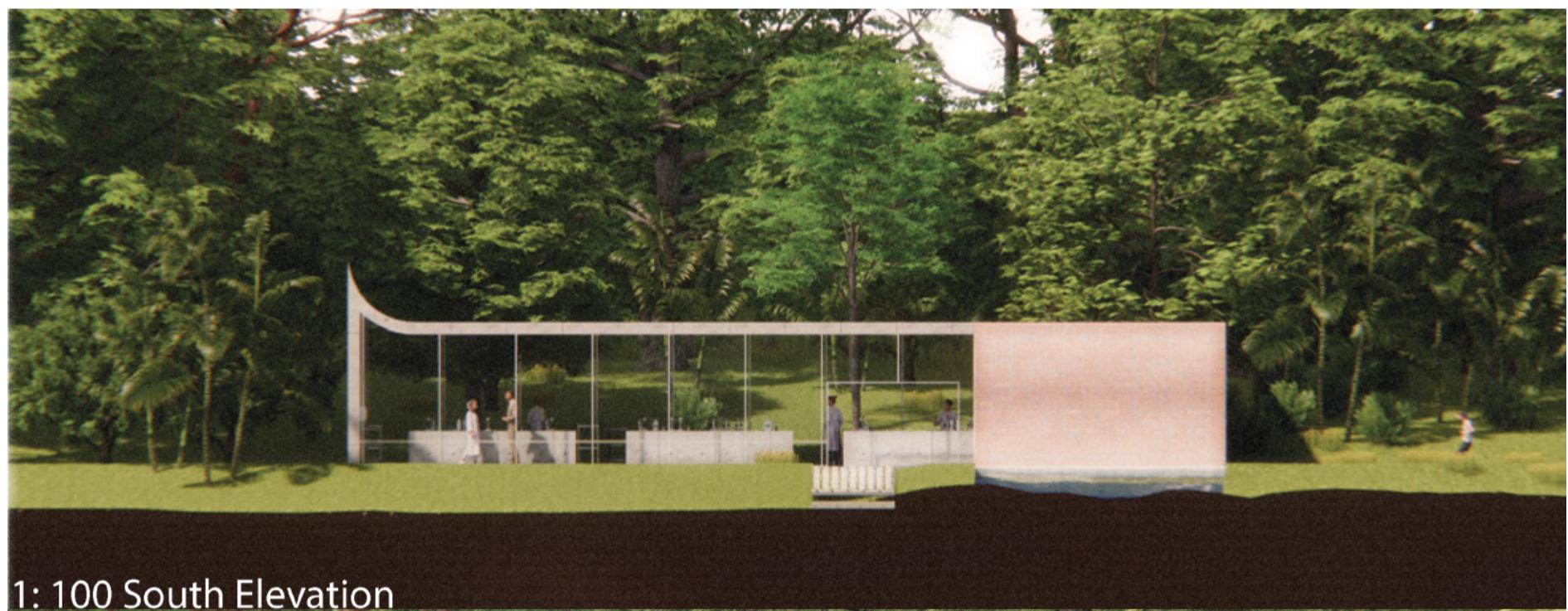
Research Lab Drawings



1: 200 Floor Plan

0

10m



1: 100 South Elevation



1: 100 West Elevation

0 14m