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Submitted Portfolio Exemplar

Level 3 Design and Visual Communication

Achievement Standard 91627

Initiate design ideas through exploration

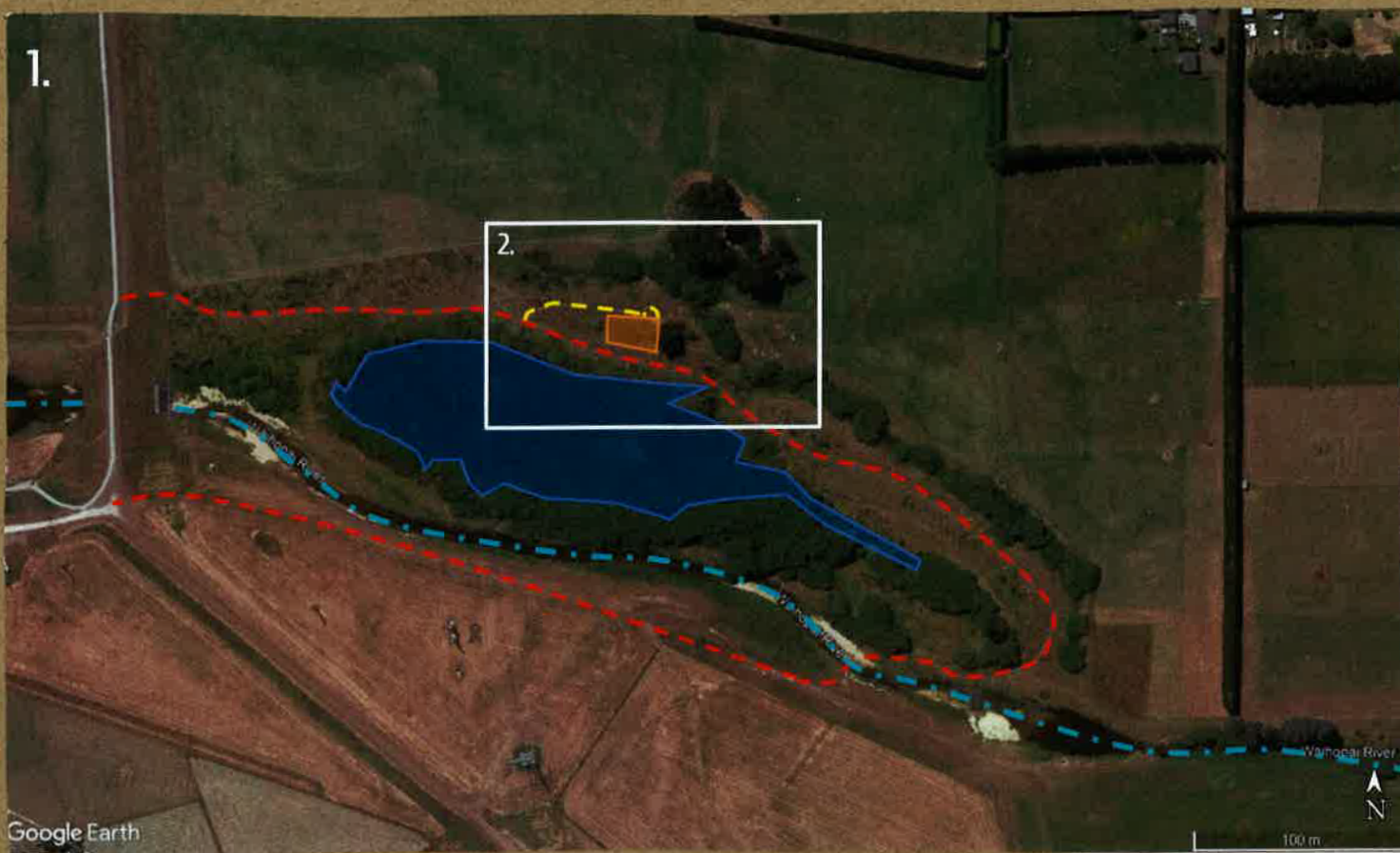
(Spatial)

Achievement

TOTAL

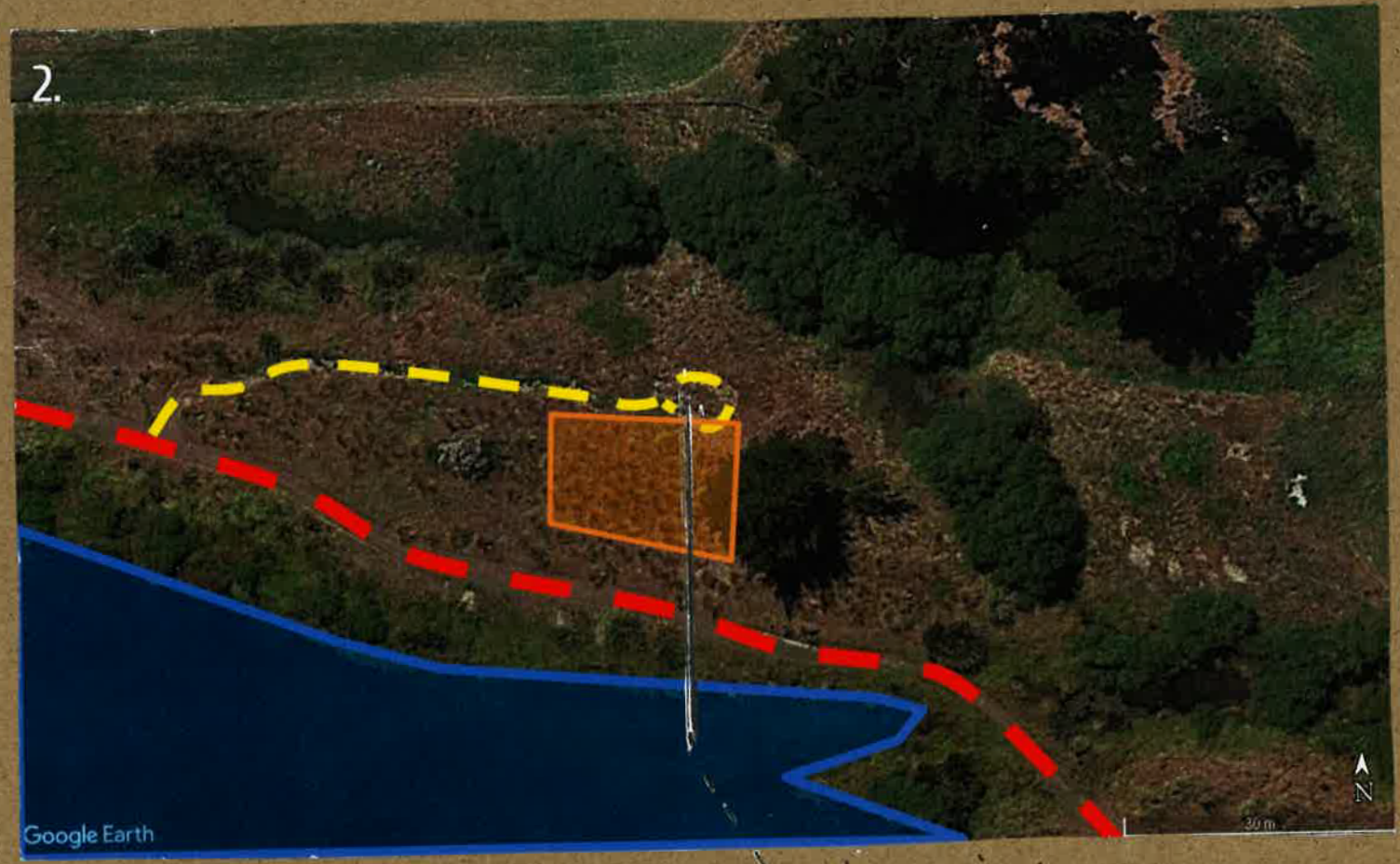


ASSESSOR'S USE ONLY

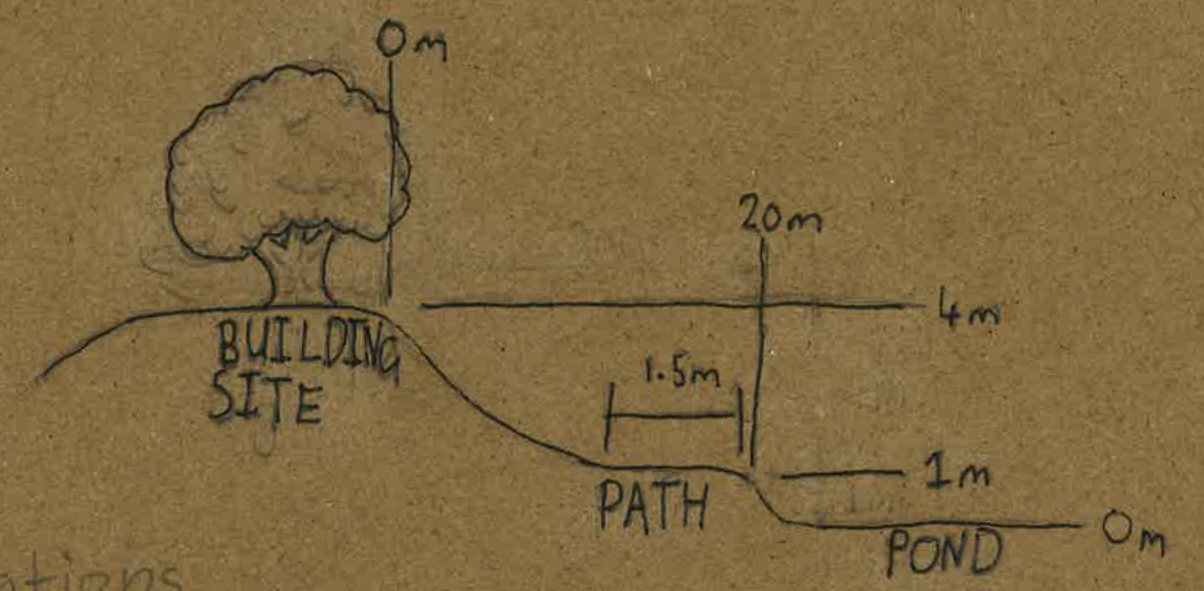


KEY

- Pond
- Waihopai river
- Public walking path
- Site access
- Building site



Section view



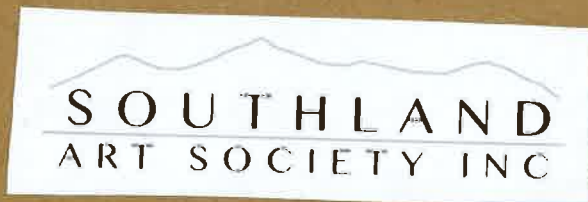
Observations

- The sun is in the north
- The view is in the south
- The prevailing weather comes from the south west
- Site access from west
- public path passes to the south

(E)

WHO

Southland Art Society



WHY

To encourage writers to travel to Invercargill and have a spot to stay and encourage creativity

PURPOSE

The writing retreat is to be used for short term stays for writers to work on books

RELATIONSHIPS

The retreat will have relationships with the land its built on and the nearby Waihopa river

HISTORY

In 1984 The Waihopa river had a 100 year flood, flooding a large ~~popo~~ portion of Invercargill. To stop this from happening again they straightened the river and built a dam to stop the flood water from flooding up stream. The dirt ~~from the~~ excavated from just beside the river this is now the pond the writing retreat is going to be built beside



NEEDS

It will need a bathroom, bedroom, Kitchen, living room and a workspace/office. It also needs to take advantage of the sun's heat and the views to the pond

OPPORTUNITIES

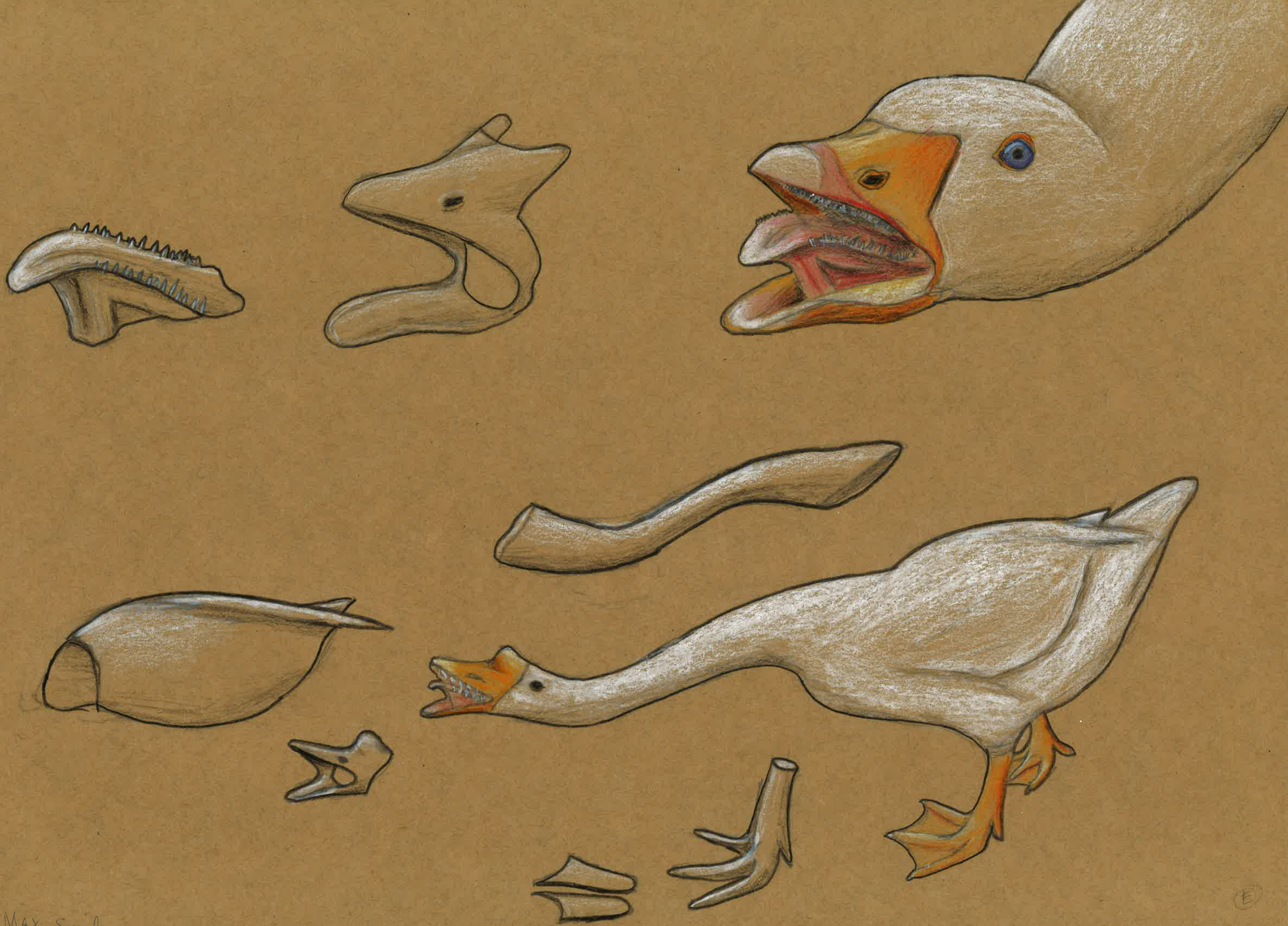
There is opportunities to take advantage of the local historic architecture and the native flora and fauna for inspiration for the retreat.



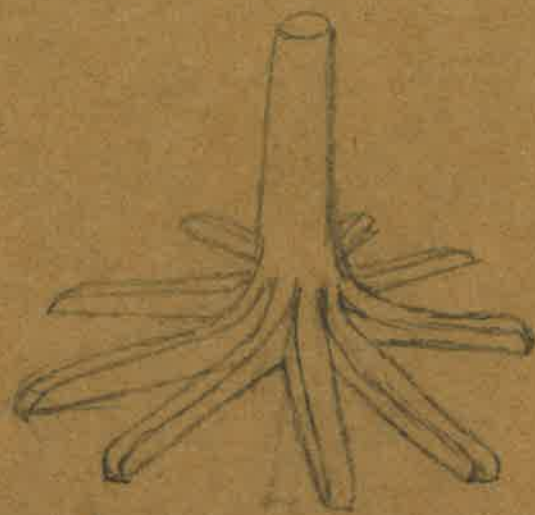
Confirm changes

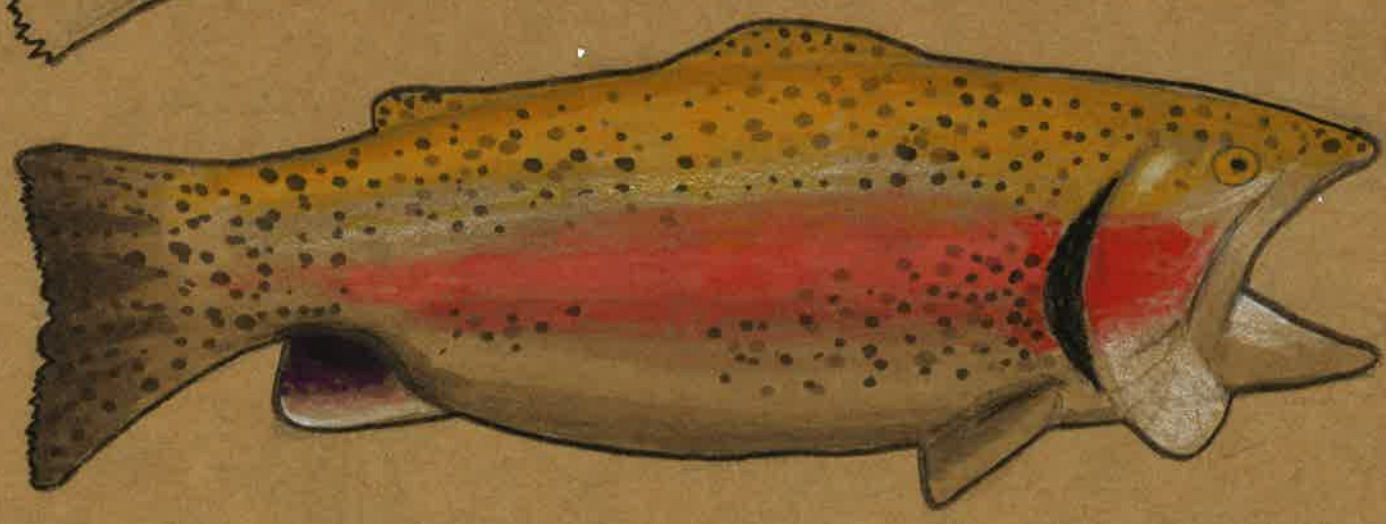
(M)

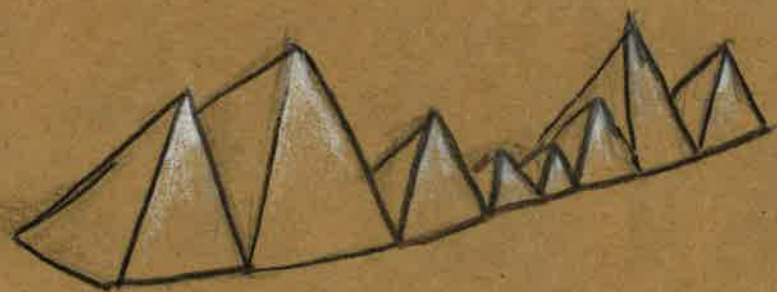
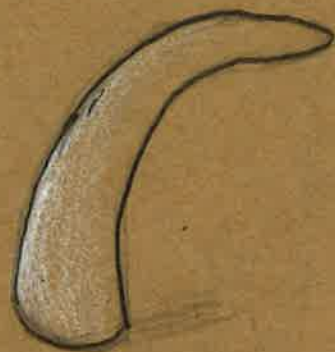
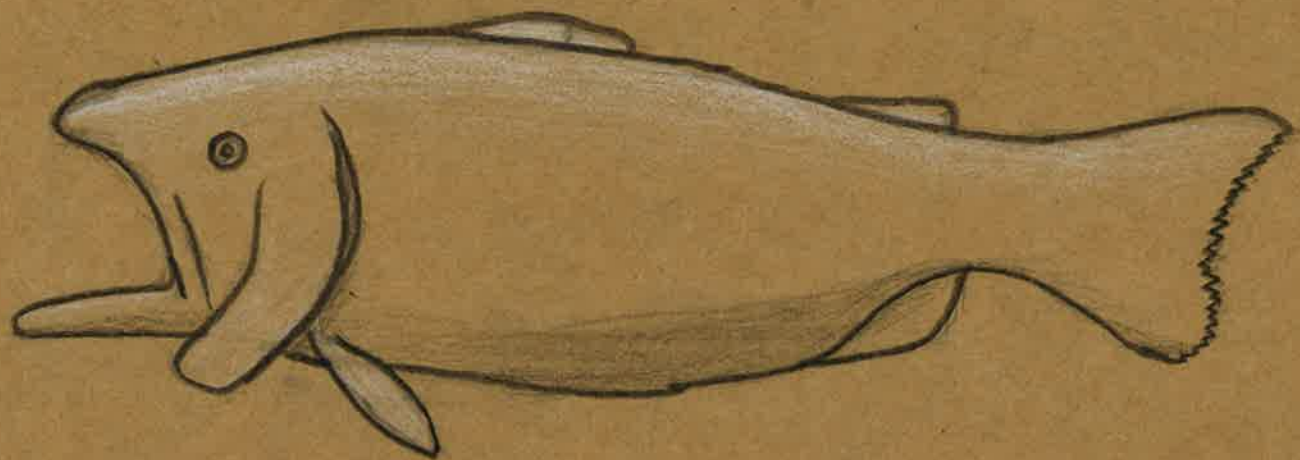












lots lots
of light in



Not much
floor space



good proportions
and size



To plain
on this wall



not much width



no privacy



plenty
of light

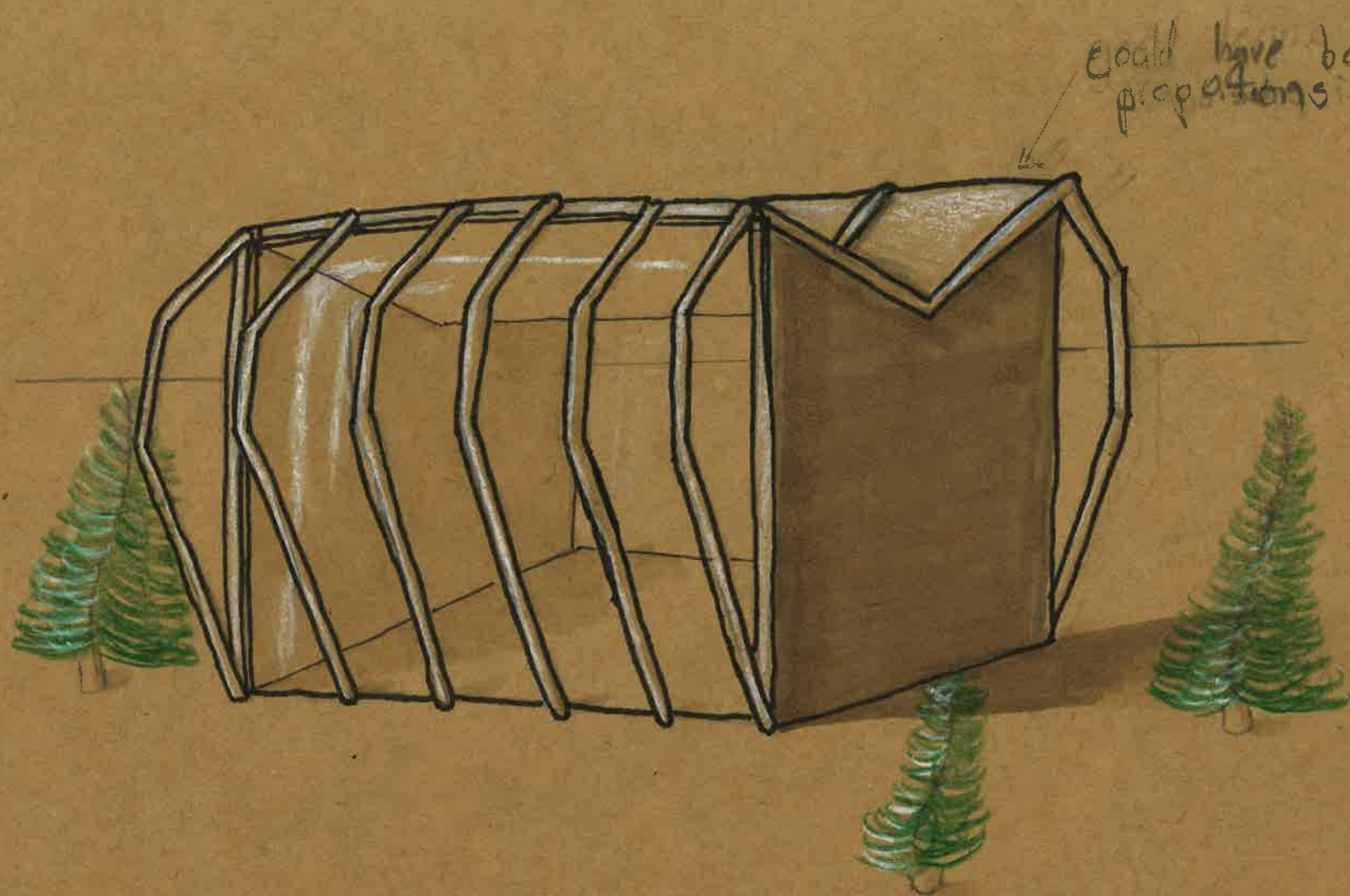


80%

Annotation

(E)

WHO?



could have better proportions eg shorter & deeper

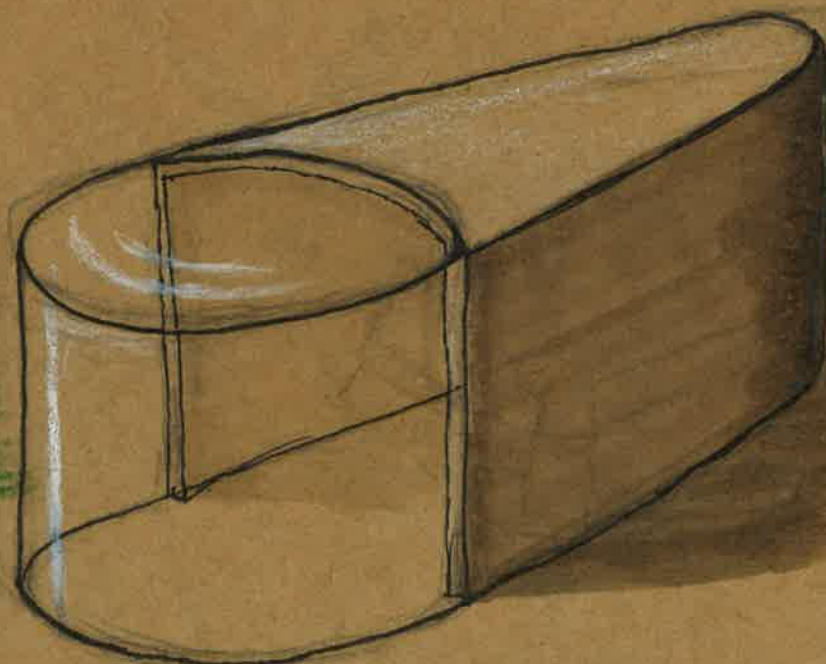
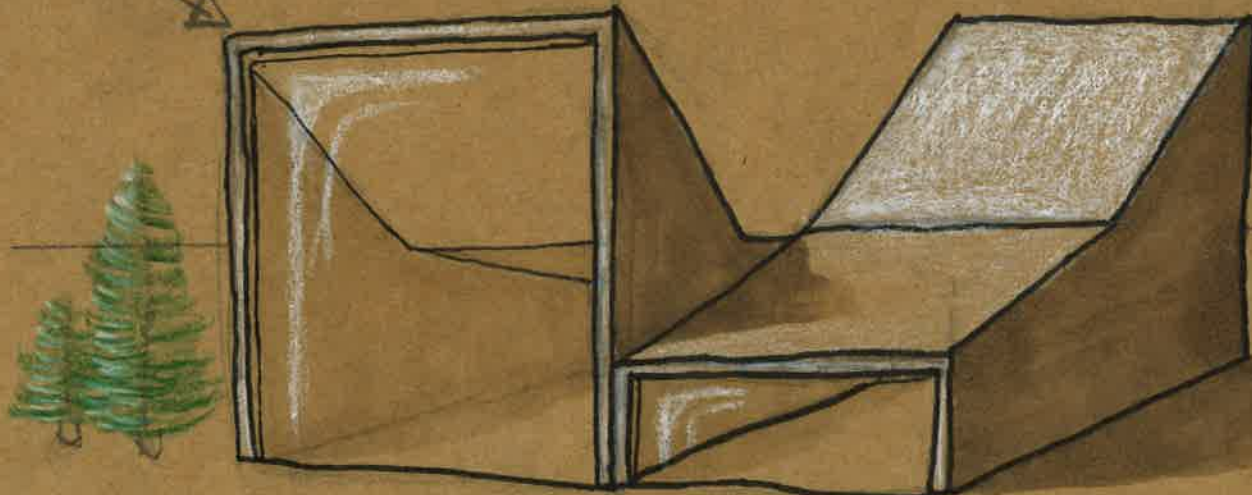


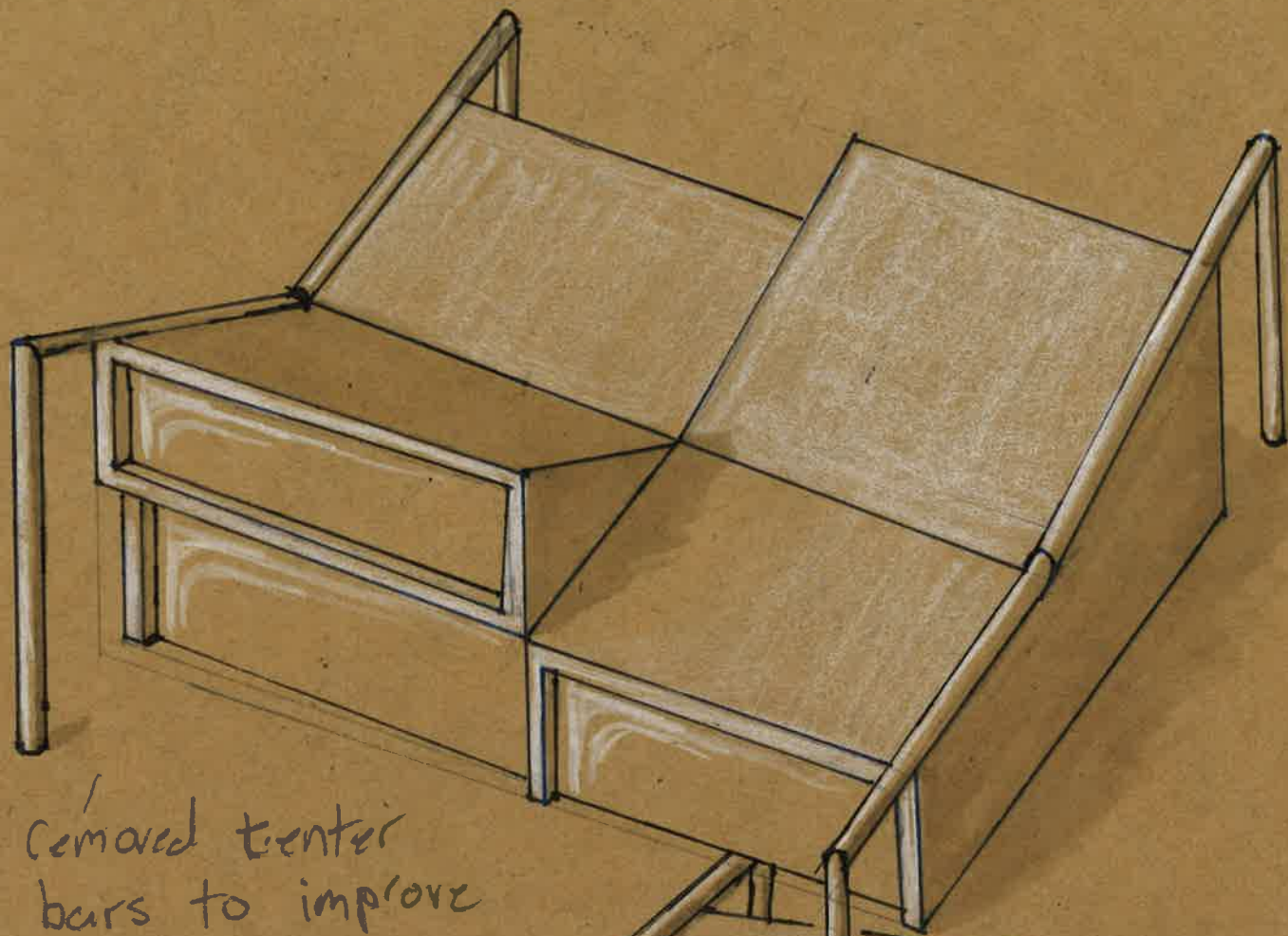
no privacy

very tall

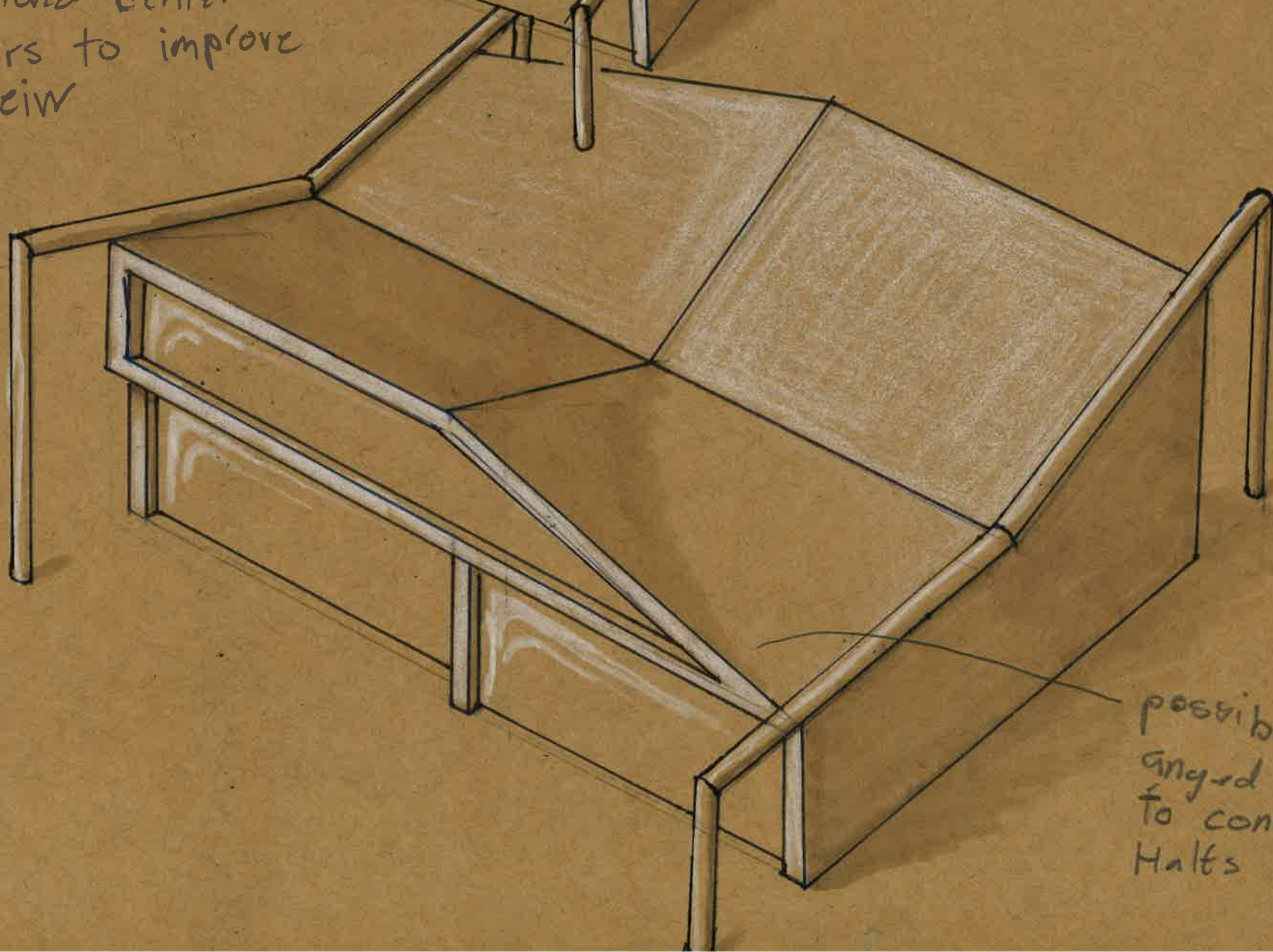
Might be a bit tall

fun like lets light though



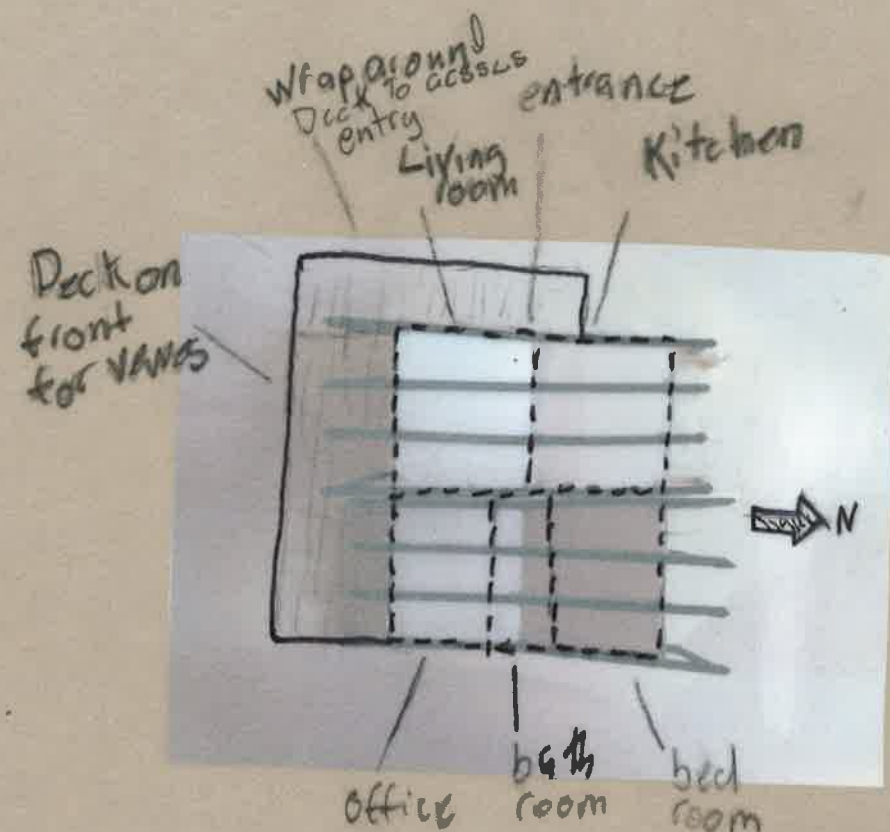
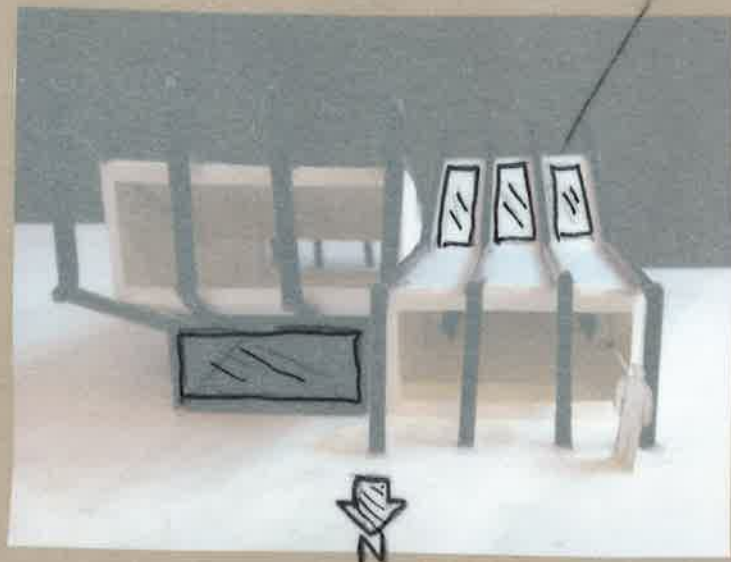


Removed center
bars to improve
view



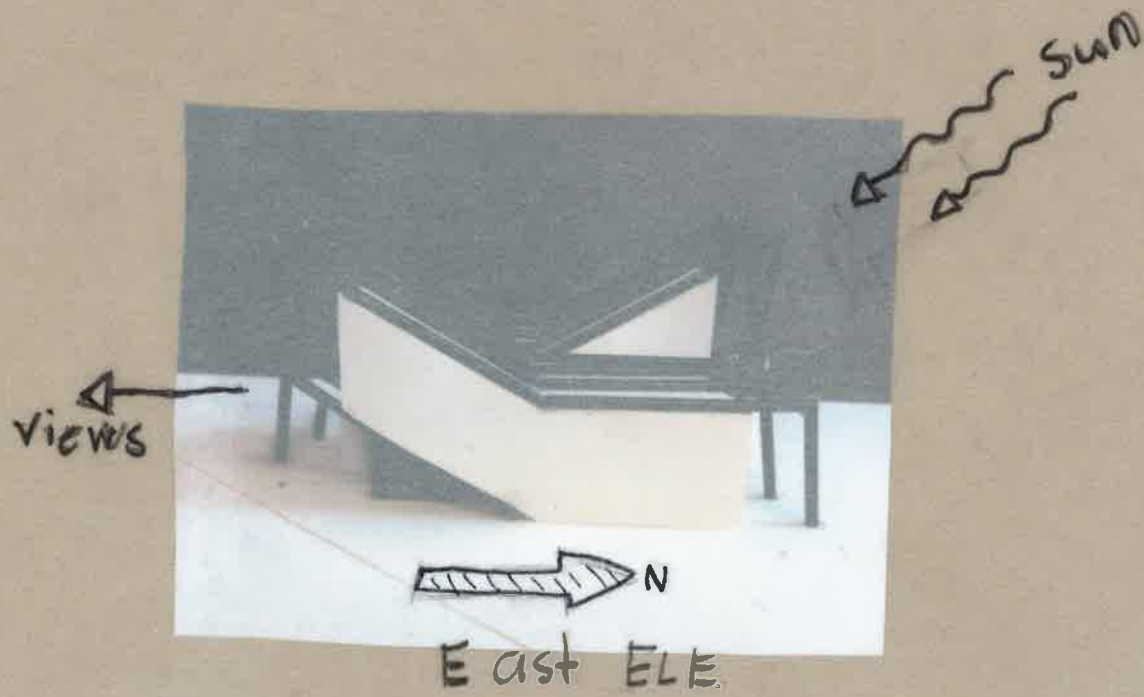
possibility of
angled roof
to connect two
Halts

Should put skylights in south roof to let light into the south rooms



in south To have good views of pond

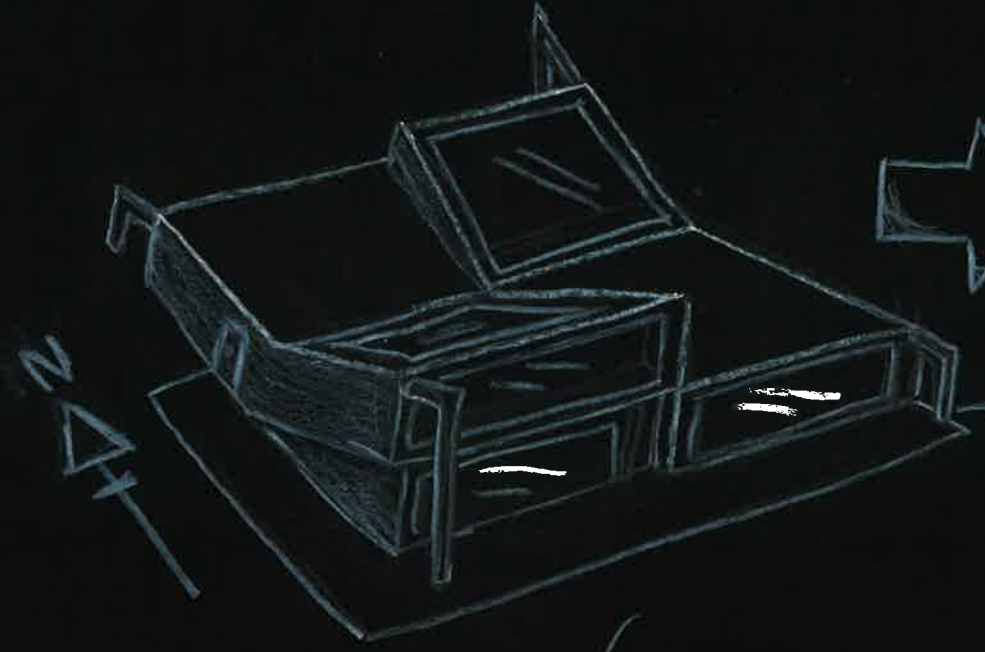
in north To get winter sun



There could be a window so the is a view out side from the ground floor



Transformations



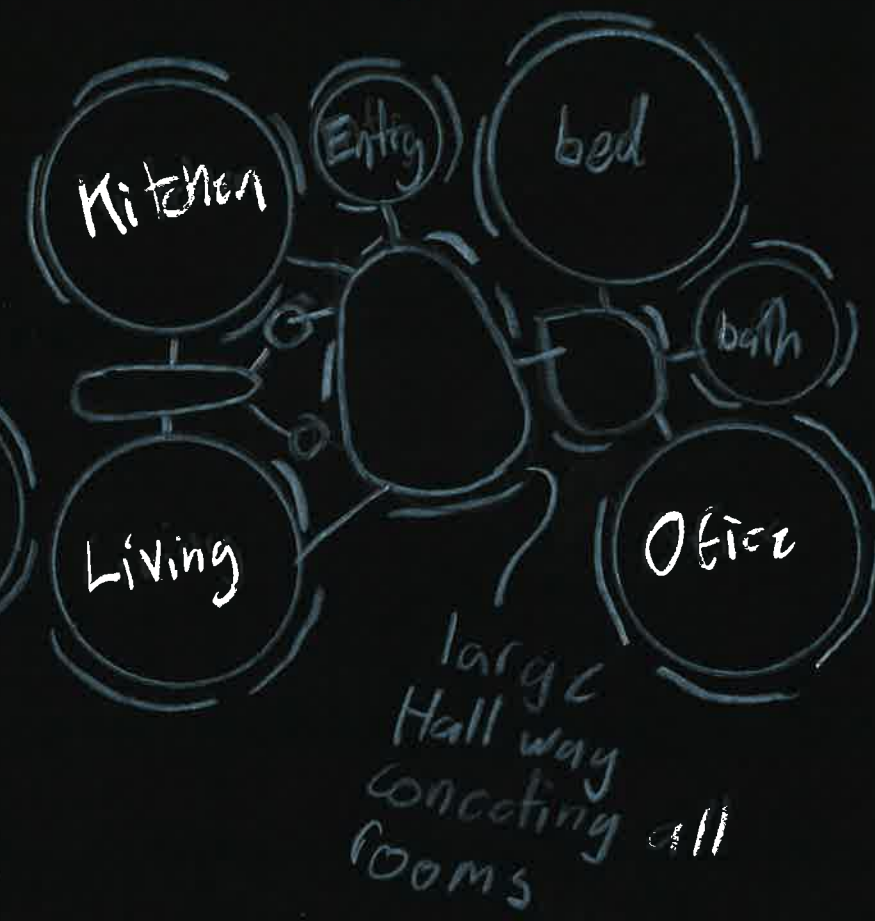
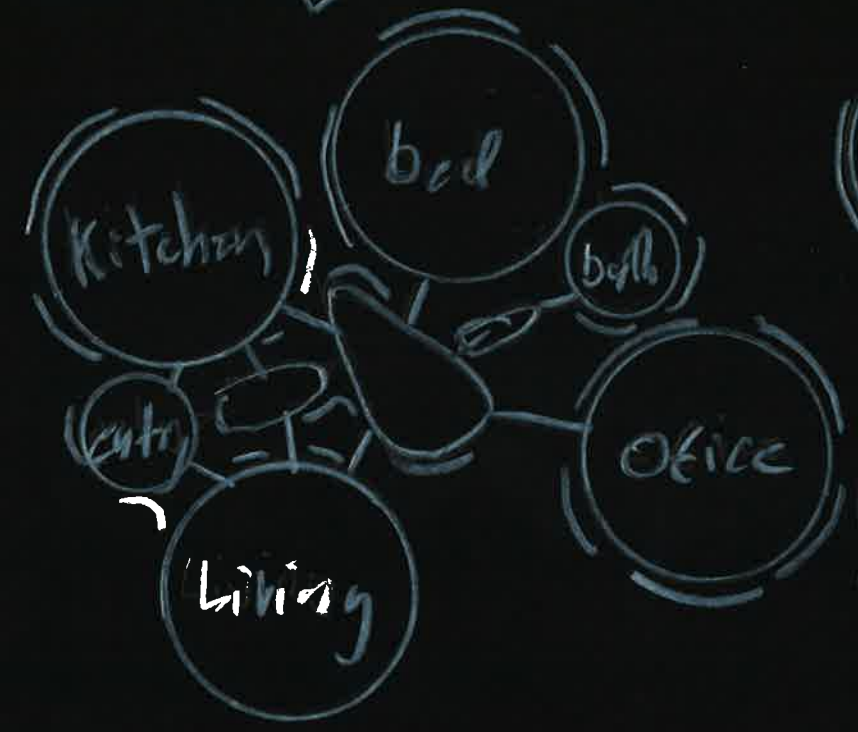
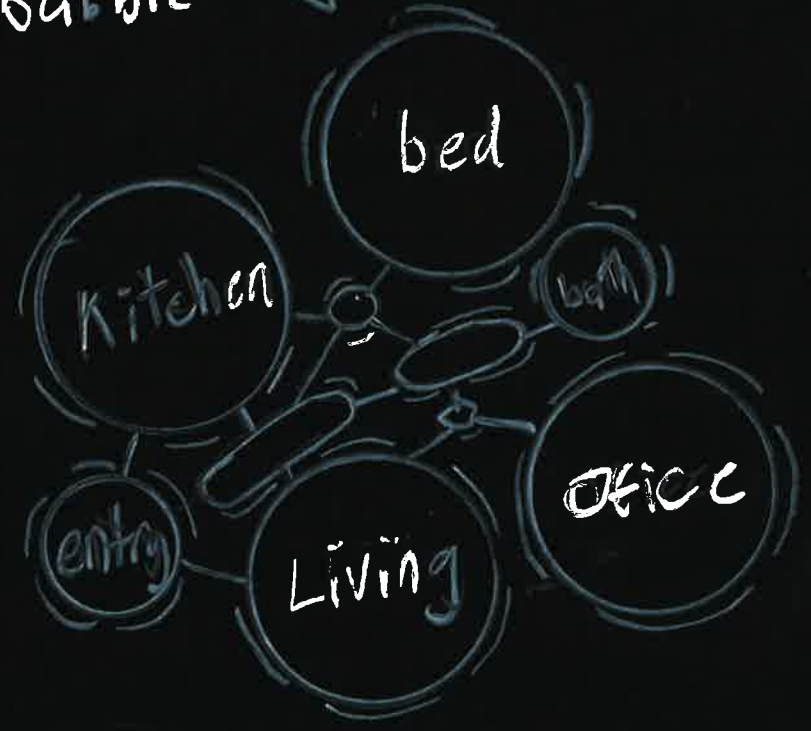
Made the middle section wider
To move the entrance
to the north instead
of the west



Angled the second half
to separate leisure
space from work
space and to add
visual interest

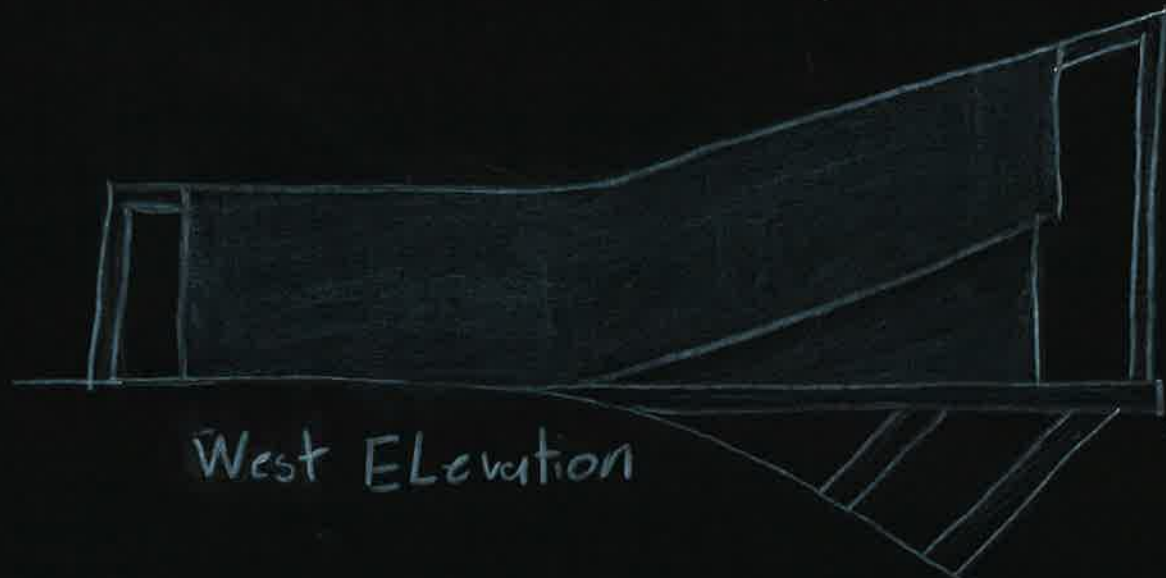


Floor Plan bubble Diagrams



large Hall way
connecting all
rooms

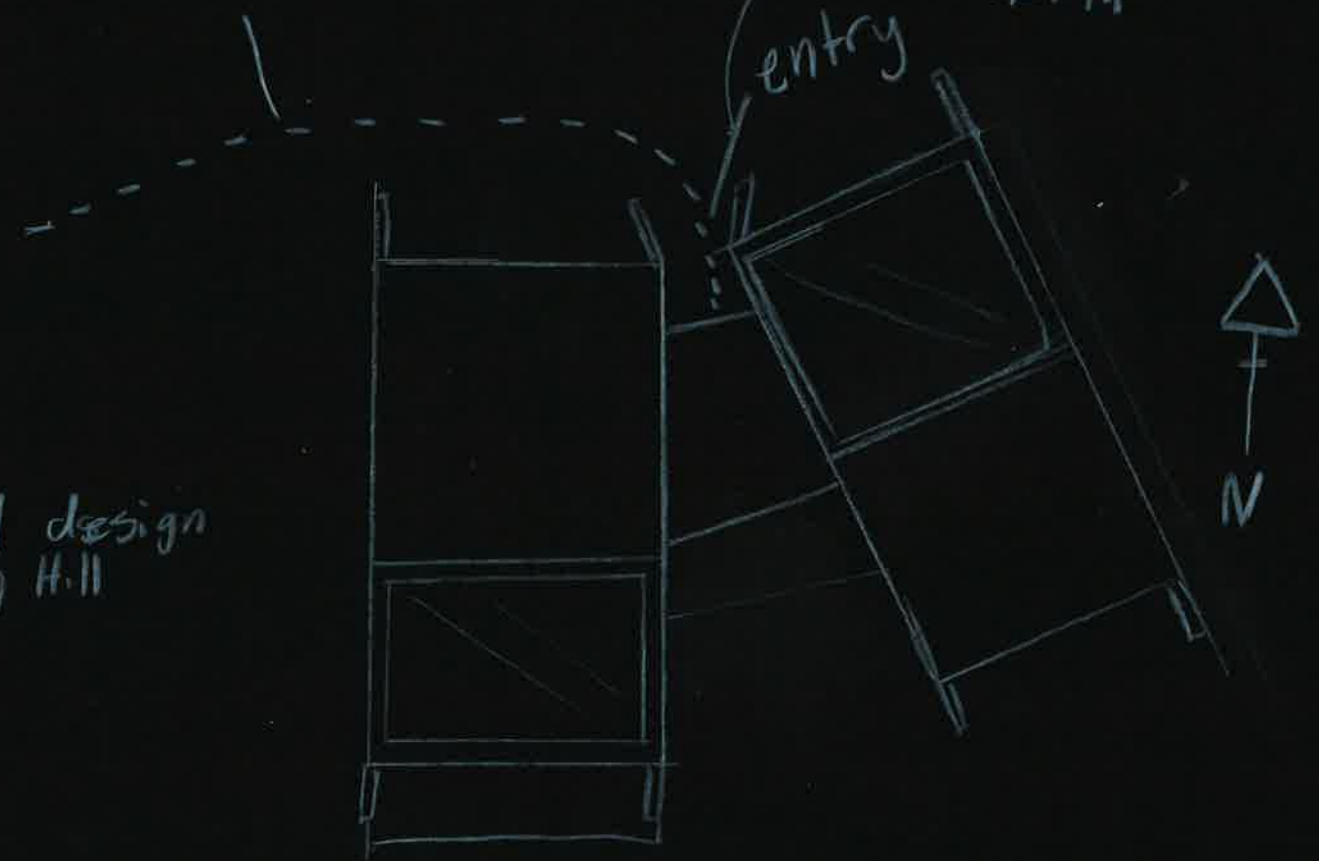
contouring to land



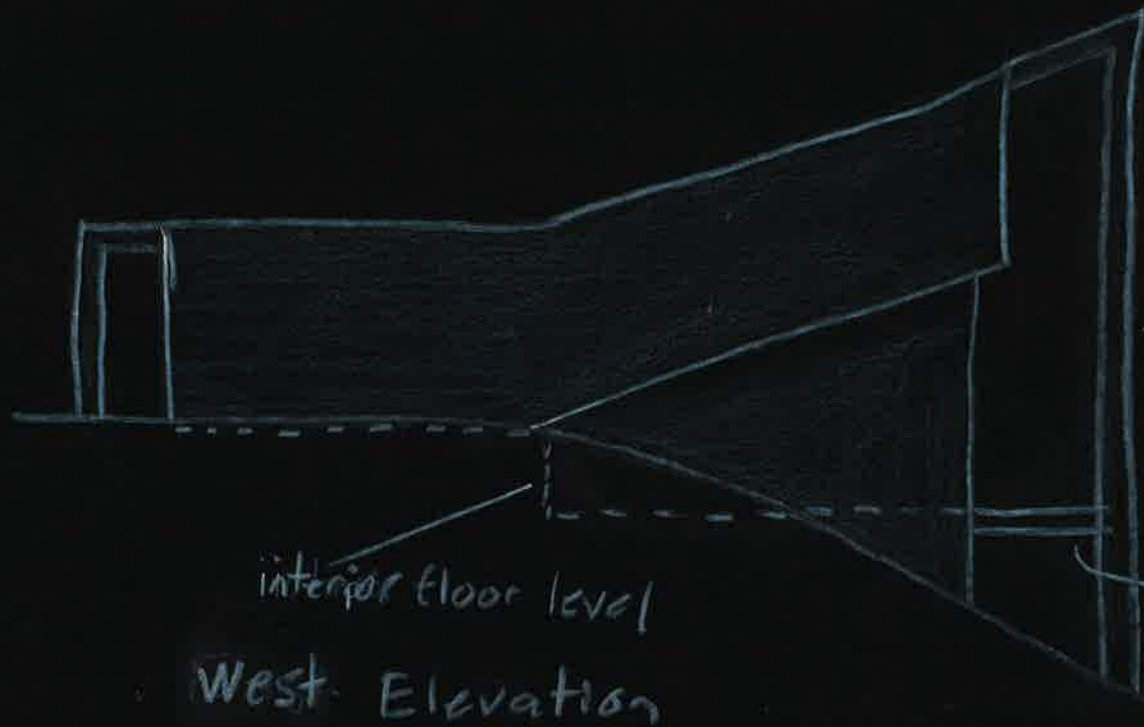
West Elevation

building entry
site access

inset entry
for shelter from
all directions except
north



Cantilevered design
over Hanging Hill



interior floor level
West Elevation

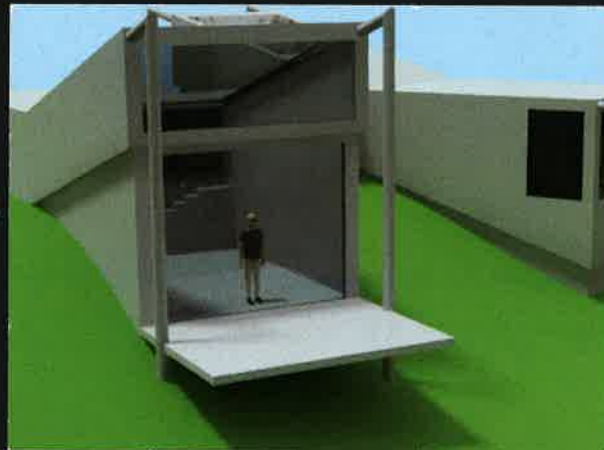
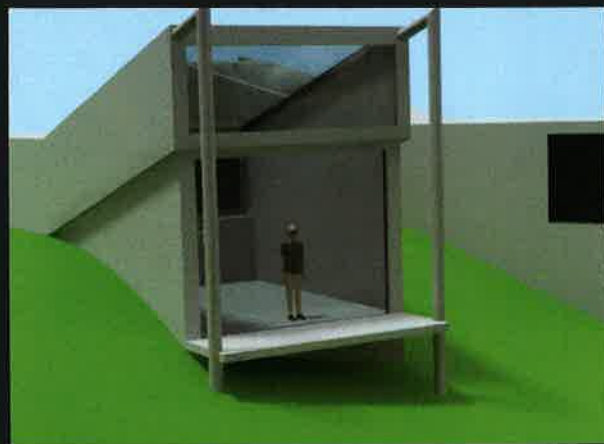
This Design
make bigger
windows at the
front making
better views

Deck

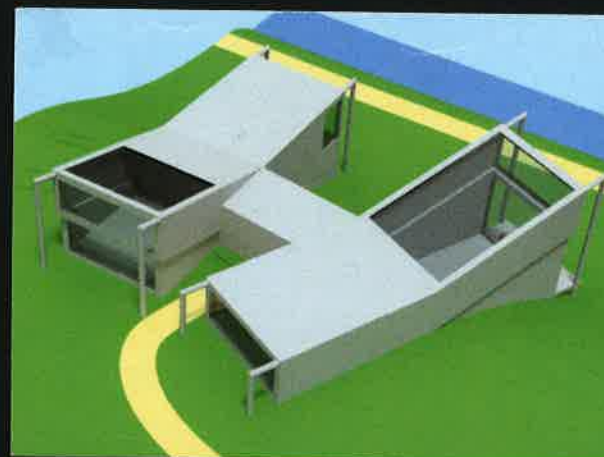


I could
put a roof
or
Louvers
to protect
from above

access



I. Extended The Deck To increase outdoor space

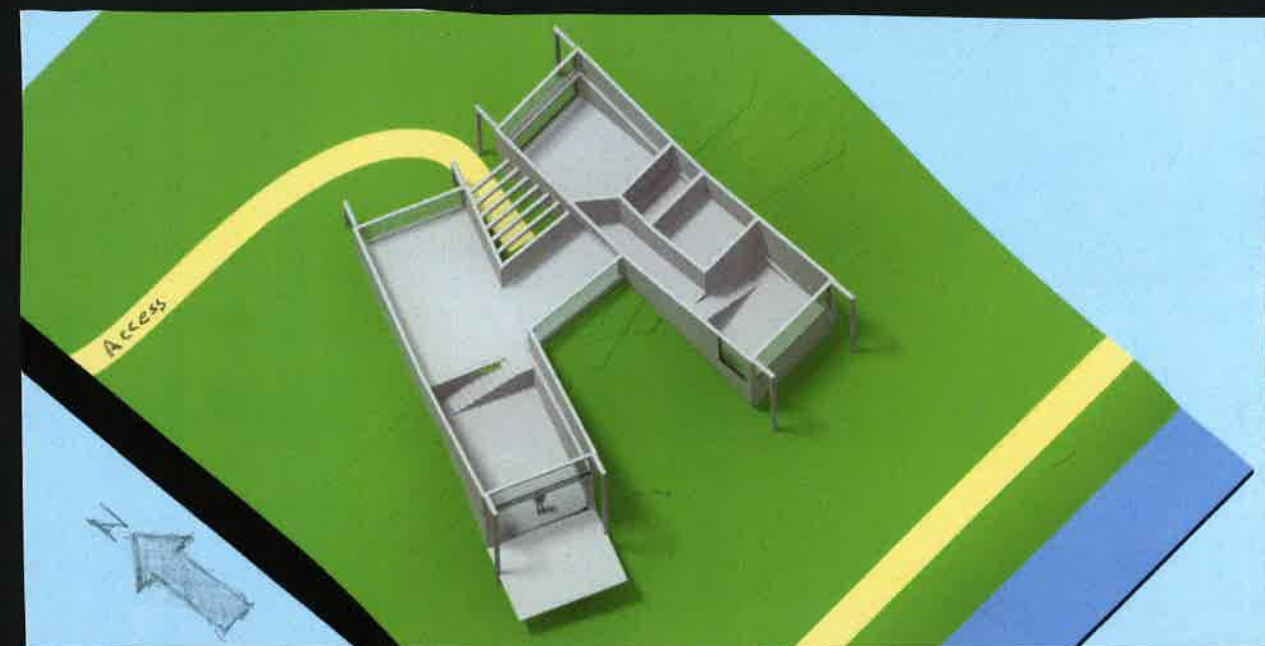
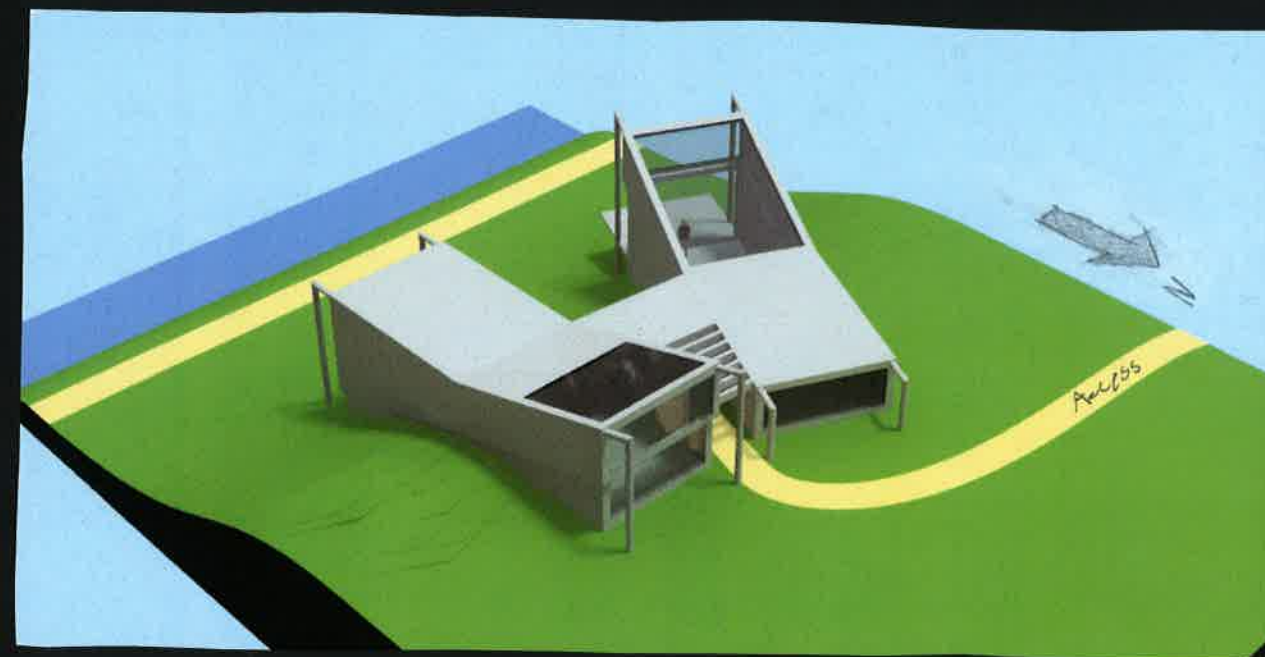
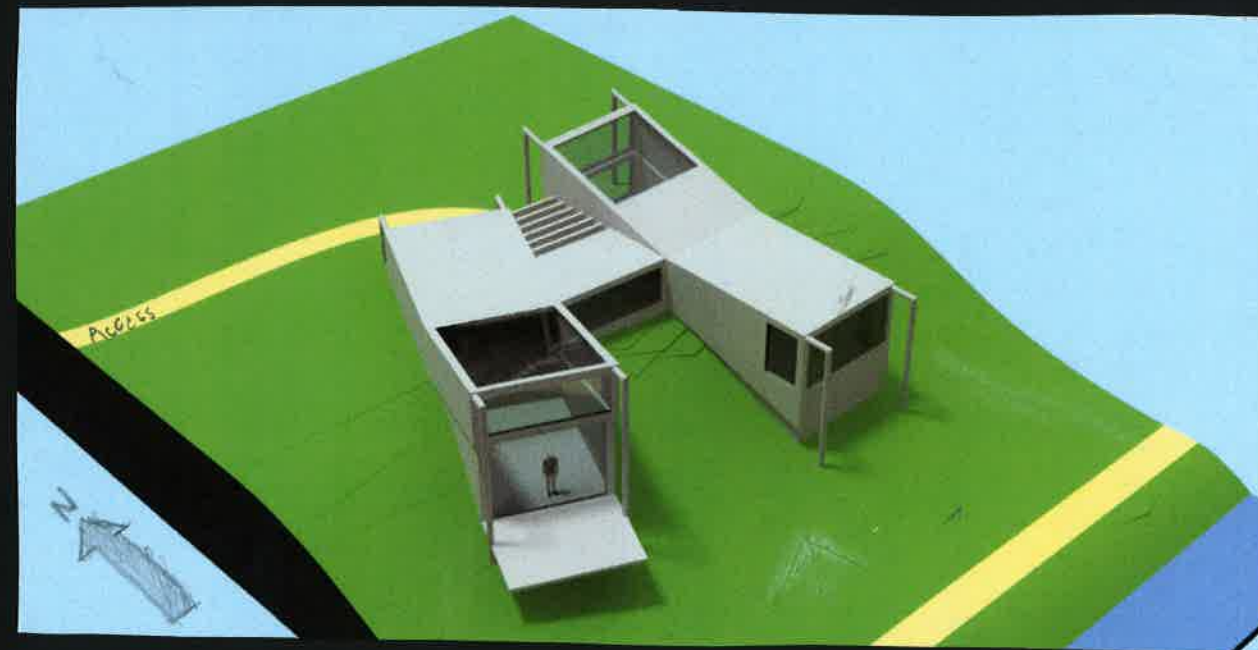


I added covers over the entrance way To increase shelter from the weather



I also extended the way down the hill To improve aesthetics

FINAL DESIGN



Achievement (Spatial) Exemplar 2022

Subject	Design and Visual Communication	Standard	91627	Total score	A
Grade score	Annotation				
A	<p>The candidate begins by introducing the context and exploring goose and fish starting points, taking them through to alternatives and variations. They continue to explore and regenerate their 3D ideas and forms to have more identifiable aesthetic and functional architectural qualities. The final pages take the chosen design idea and briefly connects it to its context, but the design idea does not change greatly from the original seen. It has a narrative, and a train of thought is developing. It does not show purposeful re-interpretation of design ideas that are needed for Merit.</p> <p>This submission is an Achievement.</p>				