

Design Process

* About The House

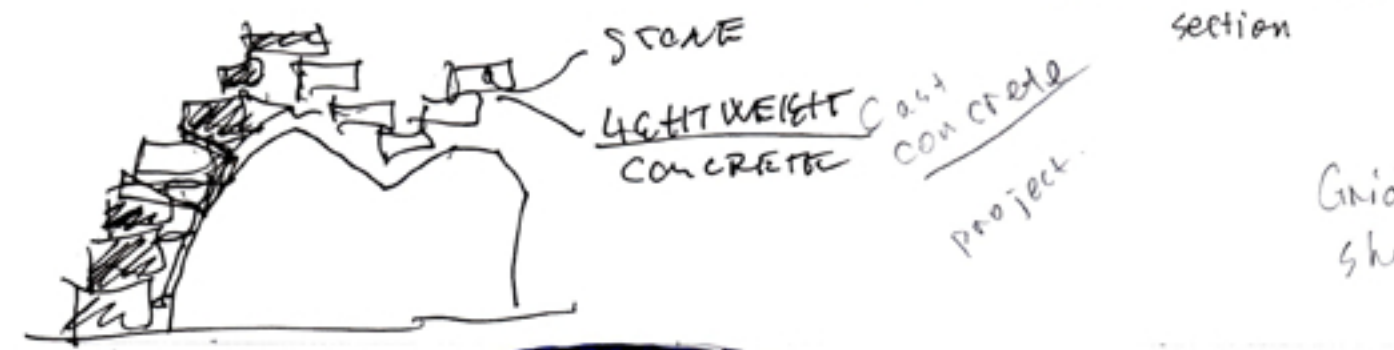
Proposal 1

Geodesic Dome

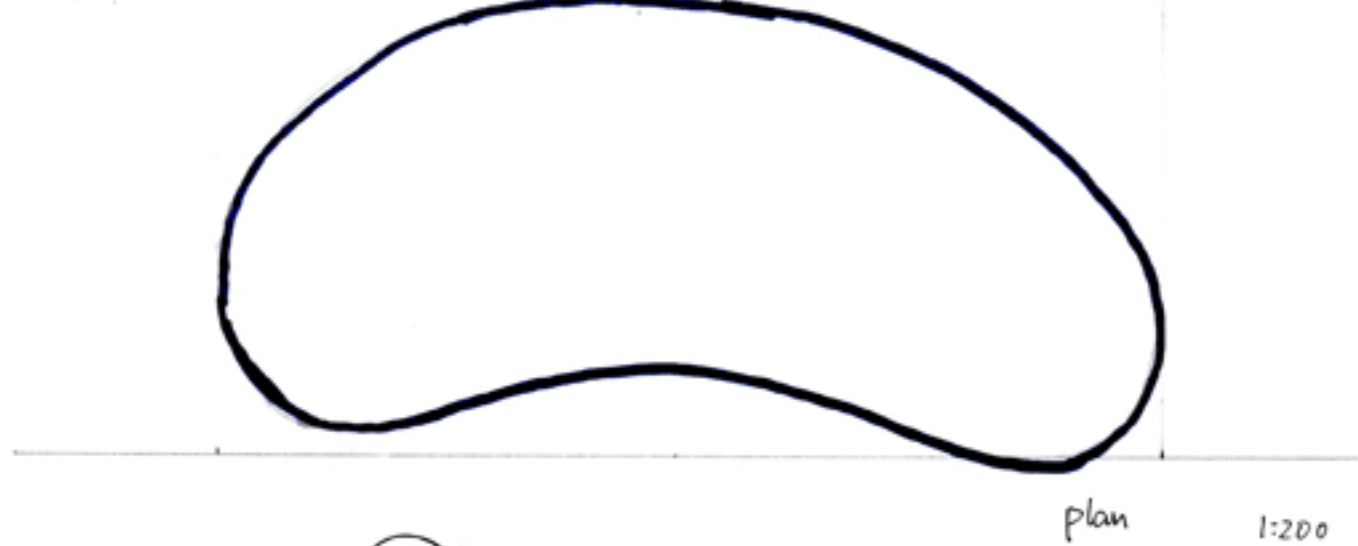
Material - steel + glass + wood



strength: Possible to give the House exact shap we want.
shortcome: 1. Glass make the house become a Greenhouse, in the summer, it would be too hot or we need spend more energy in summer for cooling.
2. Expensive compare to normal structure.



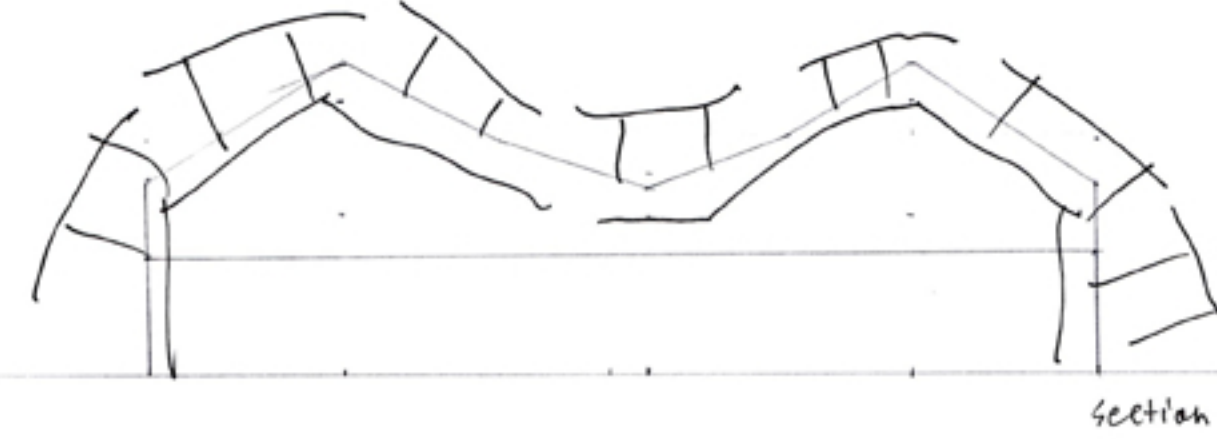
Grid shell



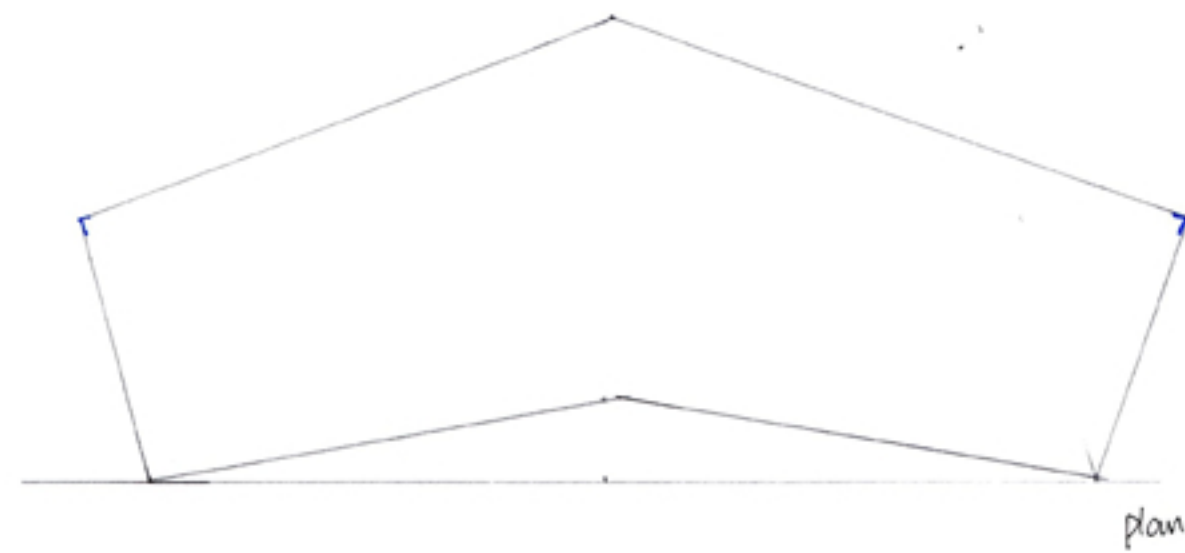
Proposal 2.

Change the shape -> ~~into a dome~~

Material: Wood.



section



plan 1:200

strength: 1. Easy to build, cheaper
2. Good For interior design also
shortcomings: 1. Didn't keep the original shape.
2. Not a smooth structure, when wind comes, there is some point might collapse.

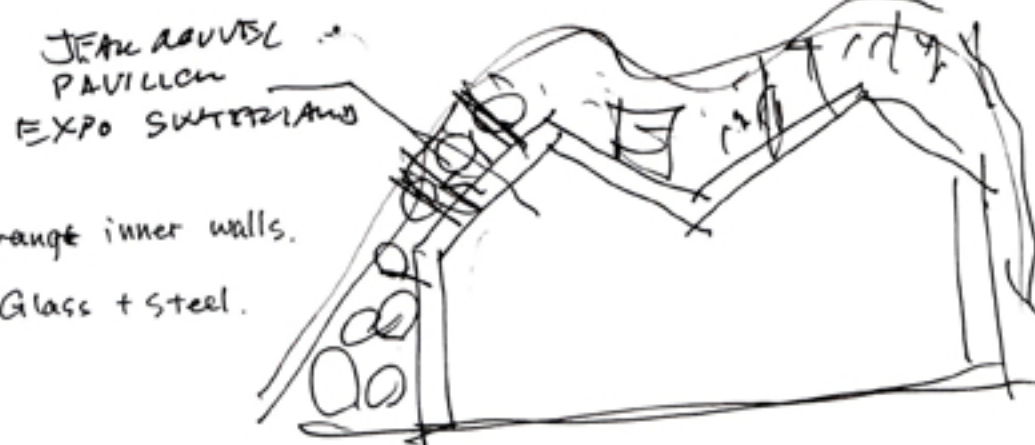
Proposal 3

Double layers

Geodesic Dome + Straight inner walls.

Material: Wood + Glass + steel.

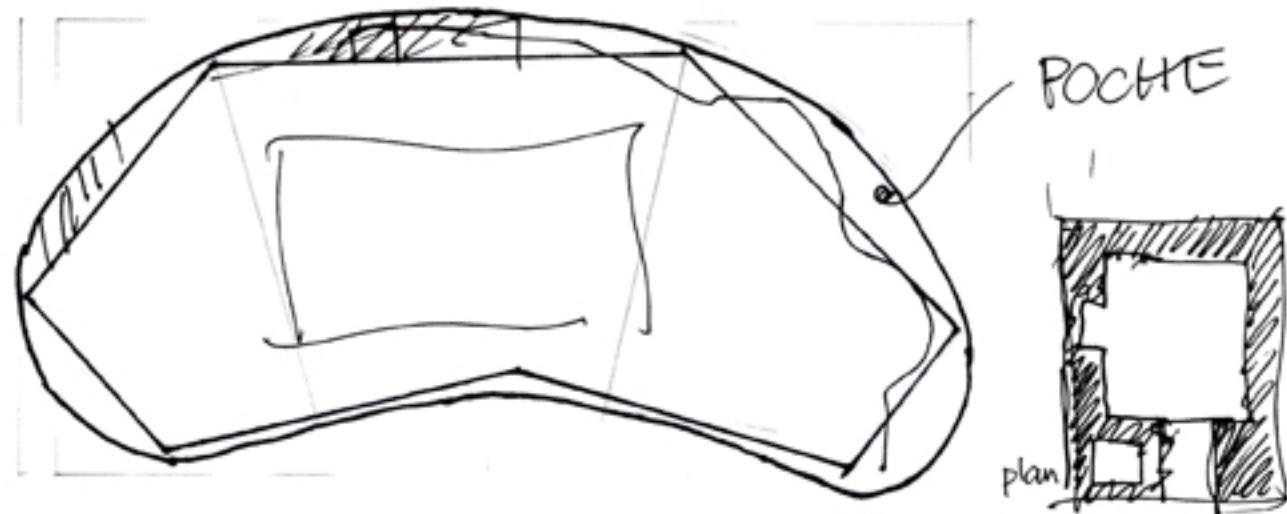
keep the shape?
lead wind?
problem of the shape.



Process.

What's the ~~real~~ Functions of this part instead of insulation.

wood
concrete
branch



POCHTE

strength: 1. Solve the problem of the interior design.
2. Better than all glass or glass layer in summer.

