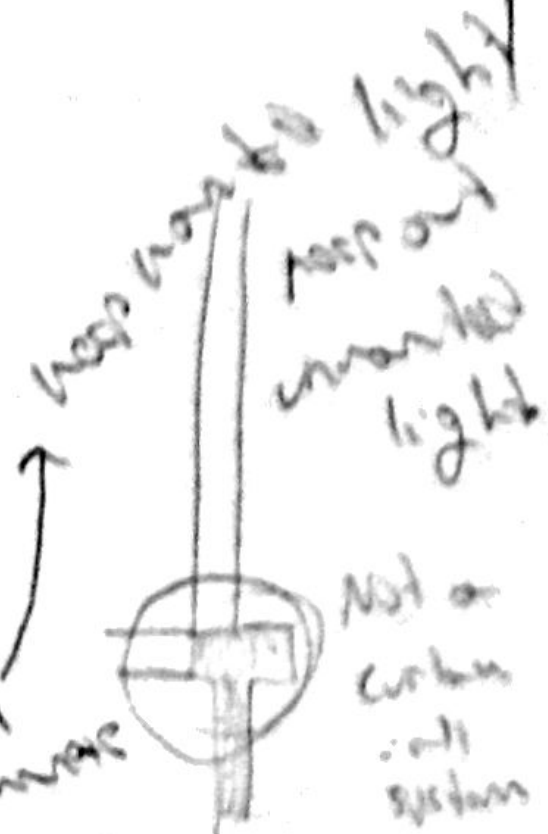


Envelope can also be aesthetically pleasing

Exterior wall

- 1 - keep water out → rust/health
- 2 - prevent air leakage → membrane
- 3 - control light → sun/light not climates
- 4 - control rad of light heat → radiator/warm up air
- 5 - control conduct of heat → thermal bridge
- 6 - control sound
- 7 - resist wind loads
- 8 - control water vapor
- 9 - Adjust to movement → earthquakes
- 10 - resist fire → fire obstacles cities
- 11 - weather gracefully → when good years after construction
- 12 - easy to install → cheap, easy to make



Cladding

Glass + Metal

- transparent
  - thin
  - open
- Views
- panel system
  - storefront
  - Aluminum extrusion
  - unit system
- Costs
- must use material
  - brace solid
  - double skin facade
  - dual wall facade