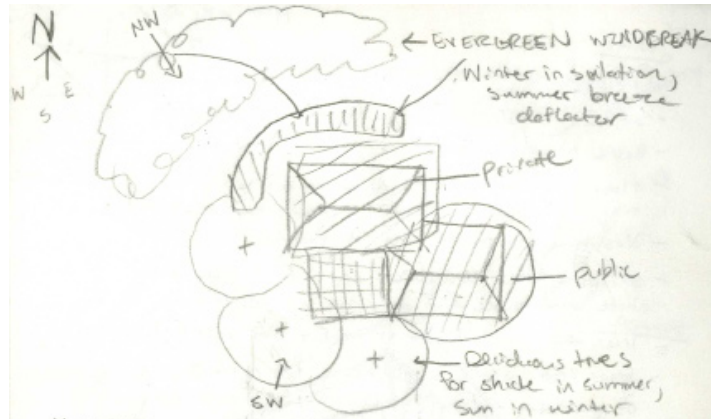
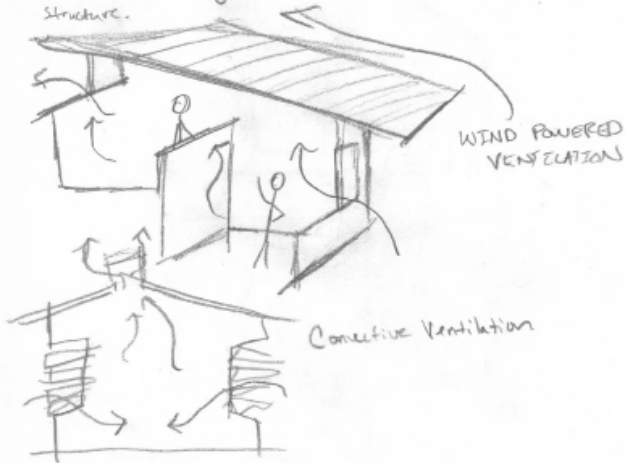


Winter

- Mid-slope deflects N-NW winter winds
- S-SE = winter insolation. (Long axis of Building)
- Rubric should be on S-SE
- Floor + Wall materials should be dark & heavy to maximize winter insolation (Materials that retain heat)
- Vestibule to prevent loss of heat/air
- Shrubs + Trees should be on N + W side to create dead-space that minimizes air infiltration

Summer

- Trees that shed leaves on SE + SW sides (Deciduous)
- green roof promotes convective cooling from evapotranspiration of plants on roof, promotes more constant temp.
- operable windows to promote ventilation.
- Slanted roof angled toward NW to direct wind over structure.



Necessities

- 4 Bedrooms w/closets (800)
 - 2 LR/Dining (400)
 - 2 Kitchens w/closets (300)
 - 2 Baths (150)
 - 1 Laundry w/storage (200)
 - 1 vestibule/patio (100)
 - 1-2 porches (100)
- Water storage from rain
energy star appliances + lights
Ventilation
Less square footage
- Entrance is now located on (E)
- Total sq. ft. **1850**

Met Monday @ 12:00 in city.

Sustainable Materials

- Recycled wood siding
- PVC (UPVC, PVC) - made from vinyl - windows
- double paned windows to slow heat transfer + provide noise insulation
- Bamboo flooring

