









PASSIVE DESIGN STRATEGIES - INSIDE

- 1) Plans and sections should be designed in order to maximize direct solar gain, which will reduce energy costs for warming a space/house.
- 2)Shading devices are needed to prevent unwanted heat into the building so there is no extra energy needed to cool the building during the summertime.
- 3) Material selection could be within the concrete family to absorb solar heat, which can reduce heating costs in the wintertime and could provide cooling during the summertime.

PASSIVE DESIGN STRATEGIES - OUTSIDE

- 1) Material selection for flooring outside needs to be one with low heat absorption so that there is less radiant heat given off to the surroundings.
- 2) Shading devices above seating areas to provide a better comfort level by blocking the heat from the sun.
- 3) Using trees to diffuse the sunlight to shade sidewalks or seating areas and providing cooler places to hang out or lounge.