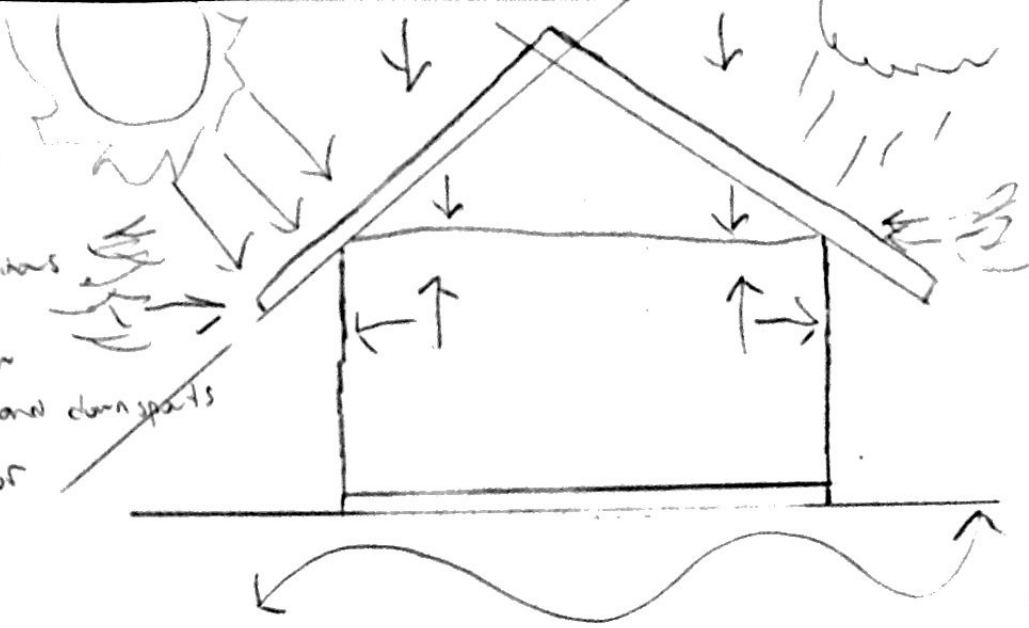
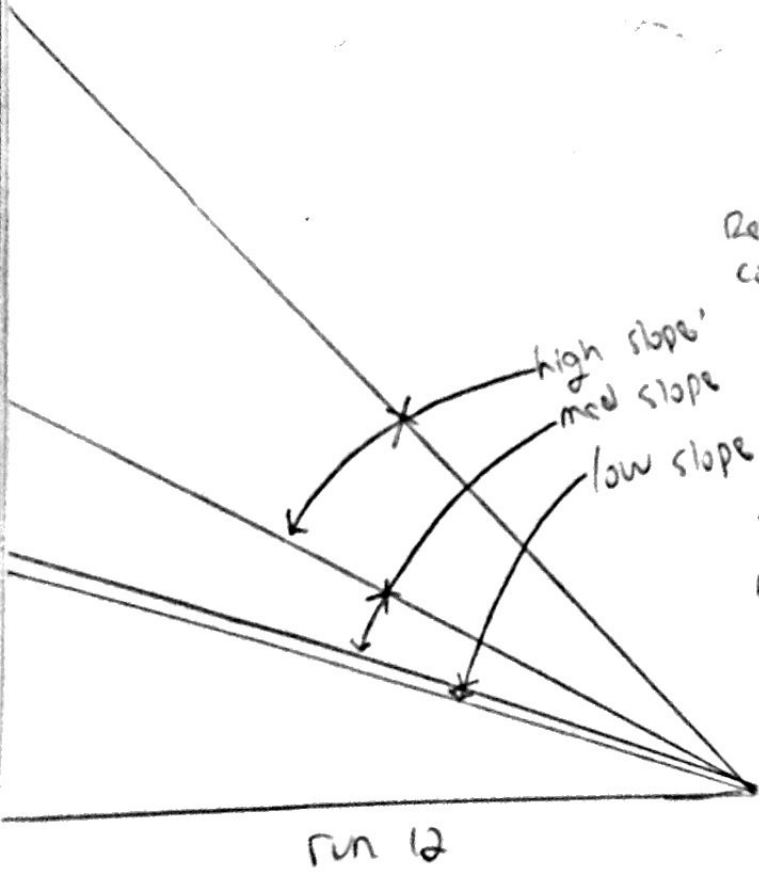


- Roof primary sheathing element of interior spaces.
- Shingles / tiles / or a continuous membrane
- Shed rainwater / melting snow
- System of drains, gutters and downspouts
- Control of moisture vapor
- Infiltration of air
- a roof must support own weight.
- Roof must resist lateral wind and seismic forces
- Gravity loads for a building originate with the roof system.

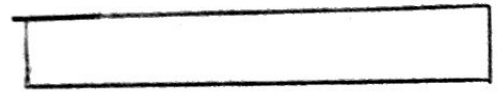


Flat roofs

- require a continuous membrane roofing material (min slope 1/4" per foot)



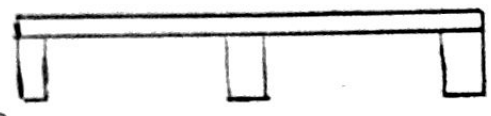
Reinforced concrete slabs



Flat timber / steel truss

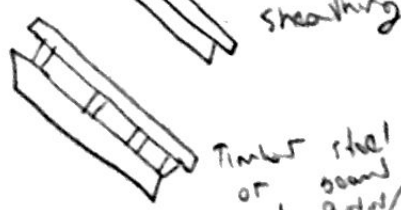


Timber / steel beams and decking



wood / steel joists

wood or steel rafters / sheathing



Timber steel beam or steel joist / decking

