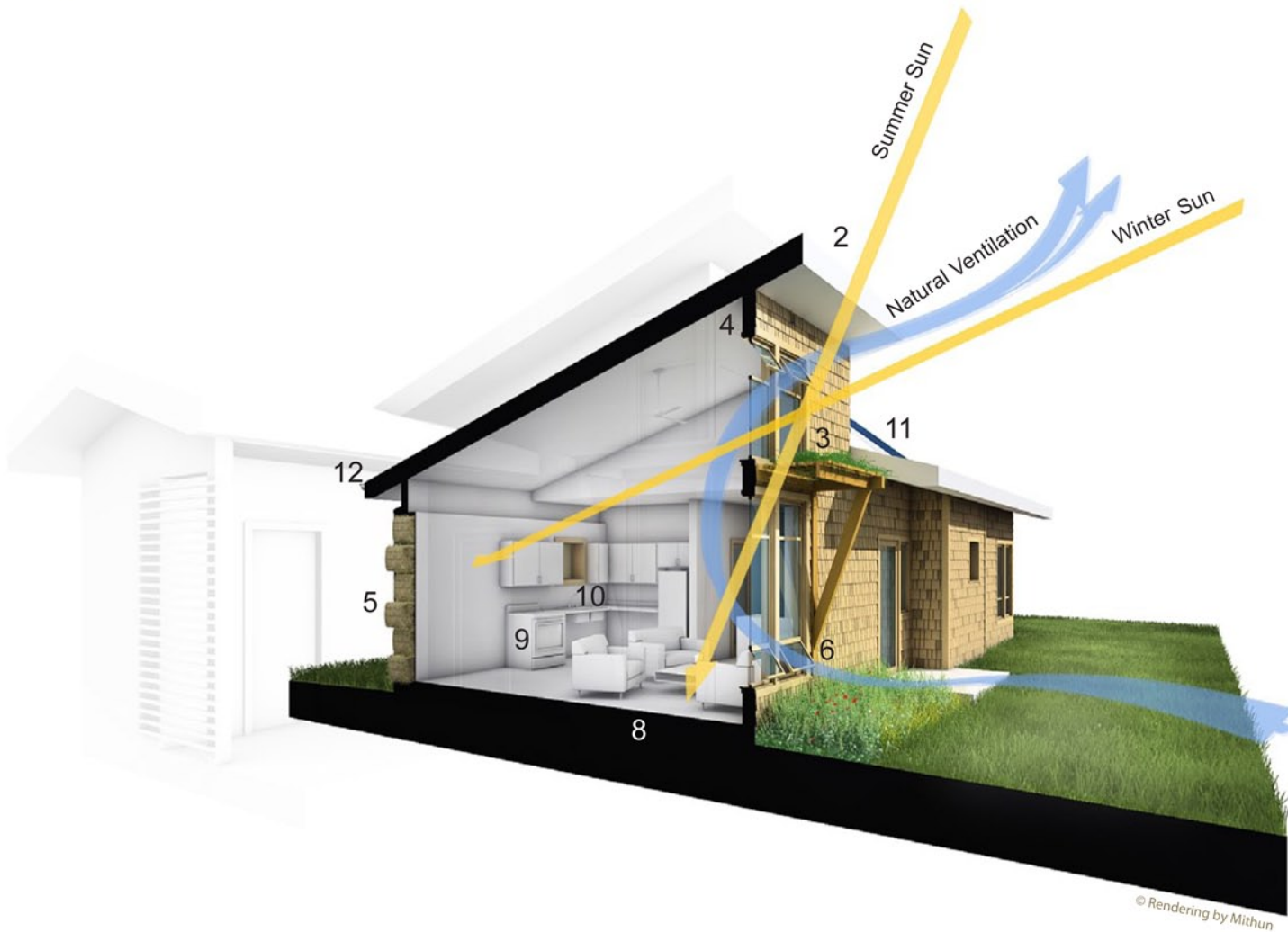


Lopez Community Land Trust
& Common Ground Cooperative
Lopez Island, Washington



- 1 Homes sizes are small to reduce energy and resource use.
- 2 Overhangs calculated for heat gain in winter and shading in summer.
- 3 Vegetated trellis for shading at lower windows.
- 4 Super insulated roof and walls.
- 5 Straw bales at north, east and west walls for insulation, resource use, and interest in natural building by interns and local community.
- 6 High efficiency, operable windows for solar performance, natural cooling and ventilation.
- 7 Solar shades on window interiors.
- 8 Insulated night/light shades at windows. Concrete floor as thermal mass.
- 9 Energy star appliances and compact fluorescent lighting.
- 10 Low flow plumbing fixtures.
- 11 Solar hot water heating.
- 12 Rainwater catchment for toilet flushing, washing machines, and stormwater control.