OPEN 10:00 – 1:00PM **Description of Home** **#1**

Architectural and Environmental Homes

☼Compact design provides space needed but minimizes overall size of house. This is green sustainable design. It saves energy to heat and cool and saved energy and materials due to smaller size.

☼All plywood construction in house and cabinet construction. This helps reduce VOC's (volatile organic compounds)and chemical off-gassing such as formaldehyde.

☼All hard surface floors reduce dust, bacteria, mold, mites, chemicals and other environmental chemicals in the house.☼Sealed fireplace unit with circulating heat and remote control, prevents contaminates from entering the house.☼Finished garage with R25 insulation in walls, R30 in ceiling and durable finished floor.☼Central vacuum system, which exhausts contaminates to the outside, with special kick base in the kitchen for easy cleaning.☼Operable clerestory windows provides draft cooling effect and makes use of loft space for additional living area.☼Light and airy design with passive solar clerestory windows and large stone Trombe wall, along with stone countertops, concrete and clay tile floors used to provide mass.☼Upgraded heating and cooling system with HEPA and UV light filtration unit, wall detector and separate control for humidification, and electronic filter. All features which provide better Indoor Air Quality and better human comfort and health.☼Upgraded attic ventilation with radiant heat reflective foil on entire roof, R35 roof construction helps save energy and keep house comfortable.☼ Low E value insulated windows on south wall helps reduce heat gain.☼ Low or no chemical construction used throughout the home. Alternatives such as environmentally friendly boric acid sill plate treatment were used instead.☼Interior walls insulated for sound deadening and also to add additional mass to the home and energy savings.☼Eco-aquatic balanced waterfall and pond minimizes water usage while providing pleasant human experience.☼Cement stucco exterior for low maintenance with aluminum clad thermo-insulated windows for low maintenance and energy savings.☼Through wall flashing used to help eliminate moisture collection in exterior wall and prevent wood deterioration, mold, bacteria and other moisture problems. Dry wall helps insulate and save energy.☼Active 2.4 kilowatt photovoltaic grid tied solar system, provides electricity for the house, opportunity to sell excess electric power to APS. Provides a non-polluting energy source that is completely renewable, saves energy, and ties down energy costs to the present day cost without future inflation of cost.☼Underground roof water drainage system, underground plumbing installed for future water reclamation catchment system.☼2 x 6 wall construction with R25 insulation, and vapor barrier on the interior of the wall helps save energy and helps prevent moisture, mold and bacteria problems.☼All concrete floors insulated with Dow "blue board" with thermal break insulation at exterior foundation walls for warm floors and additional thermal mass which saves energy. ☼ Upgraded attic ventilation with radiant heat reflective foil on entire roof, R35 roof construction helps save energy and keep house comfortable.

Directions to home of Carl Ramsey
245 Arrowhead Drive, Village of Oak Creek, AZ

From Sedona Proceed south on Hwy 179 about 6 miles to V.O.C. At circle K, when you first enter town, turn left(east) on Bell Rock Blvd. Left on Cochise, then left on Arrowhead, to the end