FEATURES:

⇒ ORIENTATION, 20 DEGREES FROM DUE SOUTH
⇒ SHADING OF SOUTH GLASS
⇒ PASSIVE LIGHTING
⇒ STRAW BALE, R-50 WALLS
⇒ THERMAL MASS FLOOR
⇒ BELOW GROUND RETURN AIR
⇒ COOLING TOWER
⇒ INSULATED FOUNDATION, R-20
⇒ INTEGRAL COLOR STUCCO
⇒ HIGHLY INSULATED ATTIC, R-67, FULLY VENTILATED
⇒ THERMAL PANE WINDOWS
⇒ DUAL-DRAIN PLUMBING FOR GRAY WATER IRRIGATION
⇒ DRIVEWAY OF PERMEABLE MATERIAL
⇒ NO LAWN
⇒ GRID-TIE PHOTOVOLTAIC
⇒ SUN FROST REFRIGERATOR, WORLDS MOST ENERGY EFFICIENT
⇒ HIGH SEER HVAC UNITS
⇒ BOSCH DISHWASHER, LOW WATER USAGE
⇒ FLUORESCENT TASK LIGHTING
⇒ PROTECTED MAIN ENTRANCE
⇒ SEALED MECHANICAL ROOMS
⇒ LIGHT-COLORED INTERIOR WALLS
⇒ INSULATED HOT WATER PIPING
⇒ INTEGRAL COLOR INTERIOR WALL FINISH
⇒ RECYCLE CENTER
⇒ MATERIALS FROM REGIONALLY EXTRACTED RESOURCES
⇒ INSULATED STEM WALL
⇒ CROSS VENTILATION SEASONAL COOLING
⇒ PASSIVE WINTER SOLAR HEATING
⇒ LIGHT COLORED INTERIOR FLOOR
⇒ DAY-LIGHTING, NATURAL LIGHT FROM TWO SIDES OF ROOM
⇒ ENERGY STAR APPLIANCES
⇒ INSULATED HOT WATER RECIRCULATION SYSTEM
⇒ HIGH DURABILITY/LOW MAINTENANCE ROOF MATERIAL
⇒ REFLECTIVE ROOF SURFACE
⇒ LOW LIGHT REFLECTANCE VALUE EXTERIOR WALL COLOR
⇒ WATER BASED WOODWORK FINISHES
⇒ DOMESTIC HARDWOOD DOORS
⇒ NO TROPICAL WOODS
⇒ NO WOOD BASE, COVE, DOOR / WINDOW TRIM