FEATURES:

1970's RANCH HOUSE GREEN REMODEL

⇒ OPTIMAL BUILDING ORIENTATION TO REDUCE SUMMER HEAT GAIN (SHORT ENDS OF HOUSE FACE EAST & WEST— WITHOUT WINDOWS).
⇒ SHADED NORTH ENTRY COURTYARD WITH FOUNTAIN.
⇒ FRONT YARD LANDSCAPE CONVERSION TO PARTIAL XERISCAPE WITH LOW WATER CONSUMING TREES AND PLANTS.
⇒ PERMEABLE DRIVEWAY (PAVERS OVER SAND BED).
⇒ RAISED ROOF WITH NORTH FACING OPERABLE CLERESTORY WINDOWS FOR DAYLIGHT AND VENTING HOT AIR; EXPOSED TRUSSES ABOVE THE LIVING ROOM.
⇒ 1.1 KW PHOTOVOLTAIC (PV) SYSTEM ADDED TO BACK OF CLERESTORY ROOF
⇒ DOUBLE PANE WINDOWS INSTALLED AND SHaded FROM DIRECT SUMMER SUN
⇒ NEW INSULATED EXTERIOR DOORS AND R-30 BLOWN ATTIC INSULATION.
⇒ LIGHT COLORED EXTERIOR MASONRY WALLS PROTECTED ON EAST AND WEST SIDES WITH GROWING VINES ON TRELLIS.
⇒ WEST SIDE OF HOUSE BUFFERED FROM AFTERNOON SUMMER SUN BY CARPORT, STORAGE AND LAUNDRY ROOMS.
⇒ REAR YARD OUTDOOR LIVING PROTECTED WITH ADJUSTABLE LOUVERS, VINE COVERED TRELLIS, TREES, POND, PERMEABLE SURFACES, AND SUNKEN PATIO WITH CANVAS CANOPY AND FOUNTAIN.
⇒ RAISED BED VEGETABLE GARDEN.
⇒ LOW MAINTENANCE, DURABLE AND HEALTHY INTERIOR FLOORING INCLUDING BAMBOO, TILE AND CORK.
⇒ REMODEL OF BATHROOM WITH DUAL FLUSH TOILET (WATER CONSERVING FEATURES).
⇒ REMODEL OF KITCHEN WITH ENERGY EFFICIENT APPLIANCES