FEATURES:

⇒ 2500 SQ. FT. ENERGY EFFICIENT MASONRY RESIDENCE WITH NUMEROUS PASSIVE AND ACTIVE SOLAR DESIGN STRATEGIES AND APPLICATIONS

⇒ PASSIVE SOLAR ORIENTATION AND CONSTRUCTION FOR MINIMAL HEAT GAIN

⇒ PASSIVE SOLAR ENERGY EFFICIENT SPACE PLANNING AND ACTIVITY ZONING

⇒ PARTIAL EARTH INTEGRATION FOR TEMPERATURE MITIGATION

⇒ THERMAL DECOMPRESSION ZONES AND OUTDOOR AREAS ENERGY EFFICIENT CONSTRUCTION, INSULATION AND SHADING WITH NATURAL DESERT LANDSCAPING

⇒ SOLAR GENERATED ELECTRICITY AND EQUIPMENT FOR HOUSE AND POOL

⇒ ENERGY/RESOURCE EFFICIENT EQUIPMENT, APPLIANCES, AND LIGHTING

⇒ SOLAR-POWERED LIGHTING, TV AND APPLIANCES IN MASTER BEDROOM AND BASEMENT

⇒ SOLAR-POWERED DC SUN FROST REFRIGERATOR

⇒ SOLAR-POWERED SECURITY AND YARD LIGHTS

⇒ TRIPLE-PANE WINDOWS

⇒ THREE-FOOT OVERHANGS BLOCK SUMMER SUN ON SOUTH FACE OF HOME

⇒ TREES PROVIDE SHADING ON EAST SIDE OF HOUSE

⇒ GARAGE AND STORAGE AREAS ON WEST SIDE ACT AS THERMAL BUFFER

GARRETT RESIDENCE 8502 E CACTUS WREN ROAD SCOTTSDALE FROM INDIAN BEND GO EAST TO PIMA RD—SOUTH ON PIMA ROAD TO KRAIL ST—WEST ON KRAIL—N ON 86TH STREET—THEN IMMEDIATELY TURN WEST ONTO E CACTUS WREN RD