

# Log Homes

*SETTLEMENT OCCURS IN ALL TYPES OF HOUSES, BUT THE NATURE OF LOG CONSTRUCTION CAN MAKE THEM SUSCEPTIBLE TO GREATER SETTLEMENT THAN OTHER SYSTEMS. HOW SETTLEMENT IS HANDLED BY MANUFACTURERS, CARPENTERS, AND HOMEOWNERS CAN AFFECT THE QUALITY OF A LOG HOME.*

LOGS CAN BE SECURED IN THE WALL USING A VARIETY OF FASTENERS. THREE OF THE MOST COMMON FASTENERS INCLUDE SPIKES, LAG SCREWS, AND THROUGH BOLTS. SOME MANUFACTURERS PRE-DRILL THE LOGS FOR THE FASTENERS USED TO ENSURE PROPER PLACEMENT, SPACING, AND VERTICAL ALIGNMENT. ALL THREE FACTORS CAN AFFECT THE SETTLEMENT OF THE LOG WALL SYSTEM AND THE INTEGRITY OF ITS WEATHER TIGHT SEALS. EACH LOG HOME MANUFACTURER SHOULD PROVIDE DETAILS ON THE PROPER UTILIZATION OF FASTENERS IN THEIR LOG WALL SYSTEM.

THEREFORE, APACHE COUNTY WILL REQUIRE PROFESSIONALLY DESIGNED PLANS FOR ALL LOG HOMES BUILT. THESE PLANS CAN BE OBTAINED FROM THE COMPANY SUPPLYING YOUR LOG HOME SYSTEM. AND MUST BE STAMPED BY A ARCHITECT OR ENGINEER.