



**C A S E H I S T O R Y**



The windows on the left show the rather harsh views the homeowner experienced without window film. The windows on the right show the warmer and clearer views with Night Vision window film.

#### PROJECT SUMMARY

3M Dealer: Ross Kehl, Synchronicity, Inc.,  
Sedona, Arizona

Installation Date: November 2002

Area Covered: 3,500 square feet of glass

Installation Time: Project spanned several months. As various sections of the house were constructed, window film was applied.

Type of Film: 3M™ Scotchtint™ Night Vision to include NV-35, NV-25, and NV-15.

Remedies Considered Prior to Window Film: The windows are already constructed with low-E glass. Window film was the only option considered for further protection. Project Notes: Applying window film up the home's elevator shaft presented a challenge because of the tight quarters and the awkward positions required to reach windows. In addition, since the home was still being constructed during much of the installation, special care had to be taken to eliminate dust particles from "floating" under the film as it was being applied.

Based on the location of the windows, Kehl used three out of the four shades in the Night Vision line. Windows facing north were covered with NV-35, the film with the lightest tint. For windows facing east, west, and south, he applied NV-25. Finally, the windows on the home's elevator shaft were covered with NV-15, for maximum privacy.

#### RESULTS

Preliminary results indicate that Night Vision window film will save the homeowner 10 to 15 percent in energy costs per year. Even so, the homeowner is more pleased with the film's other benefits.

"The Night Vision film has given our home a nice shaded look—it's just pleasing to the eye," he says. "And, when I'm inside at night looking out into the lighted courtyards, the view is clear as day. Without the film, the glare from the lights would have prevented that."



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#### THE 3M DIFFERENCE

"3M is a quality product," says the homeowner. "We've used other tinting companies in the past for our cars, but 3M offers a film that truly does what it says it will do."