



VIKING
MEADOWS



a Web Comfort
Success Story

Viking Meadows

WEB
Comfort™

Background

Viking Meadows is a planned development of single family homes ranging in price from \$250,000 to \$1,200,000. Located in the center of this development is a large clubhouse. This renovated horse stable has several amenities including a large gathering room, conference room, indoor basketball court, workout facility, child's play room, game room and large hearth room, as well as, outdoor facilities such as basketball and tennis courts, playground and pool.

Challenge

With seven HVAC units operating in a renovated clubhouse with less than adequate insulation the costs of heating and cooling this clubhouse were significant. Also, with no staff onsite, lights were left on for hours if not days at a time compounding the costs.

Solution

A Web Comfort Energy Management System control panel was installed in the electrical room of the clubhouse, seven Web Comfort thermostats were installed to control each HVAC unit, seven Web Comfort Discharge Air Sensors were installed, 11 Web Comfort lighting/load controllers were installed in the electrical room to control each lighting circuit within each room and three Web Comfort wireless occupancy sensors (with plans for more) were installed in the rooms which are seldom used. Installation took place in January, and the entire install was completed in less than 6 hours.

Proper scheduling was implemented with the Web Comfort System which reflected two concepts, first the clubhouse is open from 4 AM until 11 PM thus the HVAC units occupancy schedules were set. Additionally, rooms with occupancy sensors were also scheduled and programmed to remain in setback mode until occupancy is present for 4 minutes, saving a great deal money per year by not heating or cooling spaces that are rarely used as if they were occupied. Lighting controls were scheduled as well assuring that all lights are off at 11:30 PM each night.

Result

The return on investment was quickly realized within 7 months. Due to this ROI the HOA Board has scheduled to add to the Web Comfort System with more occupancy sensors, Destratification fans in the basketball court and the large gathering room and outdoor lighting controls in the near future. Additional plans include Web Comfort Smartlets for all TVs and Web Comfort relays for various reasons.

