

## 211 MADISON GREEN FEATURES

- 1) Solar/ Photovoltaic (PV) System: The solar system installed is a \$50,000 "Whole-House Solar Electrical System" - (10 Kilowatt system with 42 Yingli 235 watt solar panels and two SMA inverters. There are virtually no electric bills from XCEL Energy, but checks/credits received for contributing to the grid. This is a very high-end system with quality components and top-notch installation.)
- 2) LED Lighting System: (There are more than \$6,000 worth of LED lights, dimmers, and bulbs professionally installed on all 3 floors.) All of the lights installed throughout the house are from light emitting diodes (LEDs). This is the most energy efficient and highest quality lighting available. Moreover, the lights are all made by CREE, the top manufacturer of LEDs in the world (highest quality by far), and MADE IN THE USA. CREE is a multi-billion dollar LED manufacturer based in Raleigh-Durham, North Carolina, and has been the top LED manufacturer in the world for over a decade. There are more than 120 CREE LED lights (CREE LED 6-inch retro-fit cans) installed throughout entire house (all floors), along with dimmers (Lutron LED dimmers), along with CREE LED light bulbs in the light fixtures as well. These lights reduce electric consumption by nearly 90% compared with incandescent lights. These LED lights will last approximately 30 years without needing to be replaced, and they contain no harmful Mercury like CFLs, or fluorescent lights do. So, there should be no need to change the light bulbs. Lastly, since LEDs do not generate heat like traditional incandescent light bulbs, the need for air conditioning in the summer is greatly reduced.
- 3) Tinted Windows throughout house: \$3,500. The windows are very high quality double-pane insulated windows, and additionally, they are tinted throughout the house, by American Window Tinting, Inc. They were installed by Steve Mank, who is President of the company, and who has had his company and been tinting windows since 1982. His company website is [www.awtint.com](http://www.awtint.com). The tinting reduces glare, fading, and damage from the rays of the sun. It is also an excellent insulator, and increases the overall energy efficiency of the home.
- 4) Top-of-line, synthetic, \$15,000 shutters throughout house (Krohn's Coverings - based in Colorado Springs, CO), with lifetime warranty. In addition to the aesthetic beauty of these shutters, they also provide additional insulation and improve the energy efficiency of the home.

## 211 MADISON UPGRADES

- 1) Solar Electrical System - \$50K - (10 Kilowatt system with 42 Yingli 235 watt solar panels and two SMA inverters.
- 2) Professionally-installed Master Bath Steam Shower - \$5k - top of the line Thermasol PRO340 with Thermosol Signature Series Control System.
- 3) Refinished Hardwood Floors throughout house on main floor - \$4k
- 4) Built-in Book-shelves in living room, upstairs loft shelves, window seat, desk - \$10k
- 5) Built-in wine cellar - basement - \$6k
- 6) Commercial Safe (Gun Safe) installed in basement - \$1.2k
- 7) 120 CREE LED lights installed throughout entire house (all floors), and dimmers - \$5k
- 8) Garage - Premier Garage - "granite" floor, built-in cabinets, storage racks - \$10k
- 9) Tinted Windows throughout house - \$3.5k
- 10) Top-of-line, synthetic, shutters throughout house (Krohn's Coverings - based in Colorado Springs, CO), with lifetime warranty - \$15k
- 11) A/V - Whole-house Music System/TVs throughout (includes 4 flat panel TVs, Surround Sound, Receiver, speakers and volume controls throughout the house) - \$14k
- 12) Whole-House Alarm Package - motion sensors, glass breakers, water sensors, by United Alarm Systems - \$1.5k
- 13) Two top-of-the-line Casa Blanca ceiling fans professionally wired and installed in master and upstairs bedroom - \$2k

***Total IMPROVEMENTS - \$127.2K***