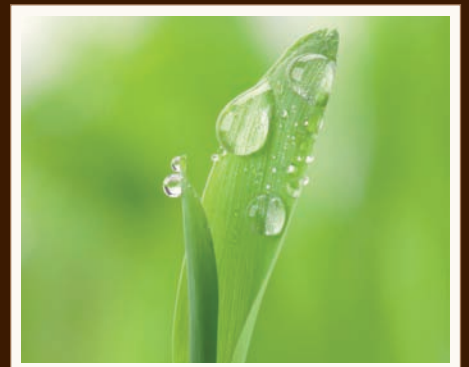




THE VILLAGE
AT IRONWOOD

LIVING GREEN AT THE VILLAGE AT IRONWOOD



RESPONSIBLE LIVING STARTS AT HOME

THANKS TO ADVANCES IN TECHNOLOGY AND CONSTRUCTION PRACTICES, A MORE SUSTAINABLE, GREEN LIFESTYLE HAS NEVER BEEN EASIER TO ACHIEVE! PONDEROSA HOMES IS COMMITTED TO BEING A GOOD STEWARD OF THE EARTH AND HAS DESIGNED AND BUILT EACH HOME AT THE VILLAGE, ALONG WITH THE COMMUNITY RECREATIONAL CENTER, THE VILLAGE CLUB, TO TAKE ADVANTAGE OF THE LATEST RESOURCE- AND ENERGY-SAVING FEATURES.



INSPECTIONS AND DIAGNOSTICS

Third-Party Certified Ratings

Build It Green™ is a non-profit organization whose mission is to promote healthy, energy- and resource-efficient homes in California. The organization's GreenPoint Rated program is a recognizable and independent seal of approval that reassures homebuyers that their home has been third-party certified to meet a unique array of green practices.

The Village at Ironwood is designed to be GreenPoint Rated. Homes at The Village are inspected, evaluated and certified to ensure that they comply with rigid standards in five environmental categories: Energy-Efficiency, Resource Conservation, Indoor Air Quality, Water Conservation and Community. The rater reviews plans, conducts pre-drywall and post-construction visits and compiles supporting documentation to ensure that each home is built better for the homebuyer and the environment. The Village at Ironwood currently exceeds the GreenPoint Rated standards with more than 100 points in overall rating.

ENERGY EFFICIENCY

Photovoltaic Panels

Solar power is a renewable energy source that creates energy instead of simply reducing usage. Solar cells in photovoltaic panels mounted on a home's roof convert sunlight into electricity. The roof-integrated solar units come with a 25-year power warranty and are designed to beautifully and unobtrusively integrate with the profile of the roof. The result is a quiet, safe and reliable power generation system that reduces your monthly energy bill. You are also able to monitor and track the performance of your state-of-the-art Eagle Solar Roofing™ system online.

Engineered HVAC Design

Each floor plan's HVAC system is designed by a registered mechanical engineer, resulting in higher energy-efficiency and all-around performance.

Tight Ducts

Air ducts carry air back and forth from air conditioners and heaters to living spaces. Tight duct sealing improves system efficiency—energy bills are cut up to 10%—and reduces the amount of airborne pollutants in the home, resulting in improved indoor air quality. As an added bonus, a more consistent comfort level is maintained throughout the home.

Programmable Thermostats

These thermostats automatically adjust temperature settings while the homeowner is asleep or away, keeping homes more comfortable. Every home at The Village at Ironwood has a programmable thermostat.

High-Efficiency Air Conditioner and Furnace

Air conditioners are one of the greatest loads on power grids and, combined with furnaces, account for nearly half of a home's annual energy usage. High-efficiency units not only reduce peak load problems for utilities, they also offer more cooling for your home on the hottest of days for less money.

Upgraded furnaces convert gas into heat more efficiently, reducing fuel needs and costs as well as cold spots within the home.

Duct Insulation

Air ducts pass through attics and crawlspaces and are made from thin metal that gains heat on warm days and loses heat on colder days. Insulated ducts minimize such fluctuations, keeping room temperatures even and reducing the reliance on air conditioners and furnaces—saving substantial energy costs.



Low-E Windows

These windows have an imperceptible coating inside the air space of their double-paned glass that provides an array of advantages. Heat is kept in during winter and kept out in summer. Ultraviolet rays are blocked, preventing interior furnishings and art from fading. Window condensation is reduced, limiting the potential for water damage. The insulated frames and multiple glazing also help to reduce outdoor noise.

Energy Star® High-Efficiency Appliances

Appliances account for approximately 18% of total energy consumed in a home, so using high-efficiency appliances can make a sizable difference. Energy Star® dishwashers use less hot water per load and have their own booster heater, reducing pressure on the home's main water heater.

Fluorescent Lighting

Electric lighting burns up to 25% of the average home energy budget. Fluorescent light fixtures greatly reduce energy use, produce less heat while delivering more light per watt and last longer than traditional incandescent fixtures.



RESOURCE CONSERVATION

Site Waste Management

Site waste management practices give our worksites a minimum 65% diversion by weight of non-hazardous materials, including green waste. And recycled jobsite materials cut down on waste and our landfill impact at the end of construction.

Radiant Barrier Roof Sheathing

This roof sheathing material contains a reflective aluminum layer laminated on its underside, which reduces attic temperatures up to 30 degrees and minimizes heat transfer to the rest of the house. As a result, less air conditioning is needed.

Engineered Lumber

The use of engineered wood members instead of regular dimensional lumber contributes to reduced tree consumption and the preservation of natural resources. Furthermore, fiber cement and stucco siding are utilized to minimize the use of wood products overall.



INDOOR AIR QUALITY

Insulation

Formaldehyde-free insulation provides high-quality thermal and acoustical properties while reducing emissions to provide improved moisture control, energy and sound efficiency and overall air quality in the home.

Ventilation

Sealed gas fireplaces prevent energy loss year-round and improve air quality. Exhaust fans in bathrooms remove humidity from the home, and vented range hoods divert cooking odors out of the kitchen rather than re-circulating them.





Low-VOC Paint

Traditional paints contain Volatile Organic Compounds (VOC's), which release low-level toxic emissions into the air for years after application. By using special low-VOC paints on interior surfaces, your home will enjoy added environmental and health benefits—especially for those with allergies and chemical sensitivities—without sacrificing aesthetics or quality.

WATER CONSERVATION

Tankless Water Heater

This feature heats water only when needed rather than storing hot water in a tank, cutting energy use and costs. The system never runs out of hot water and takes up far less space than traditional heaters. Each home at The Village at Ironwood includes a tankless water heater—and all hot water pipes are insulated to save energy.

Showers and Toilets

Low-flow showerheads and toilets are utilized to reduce water consumption.

Insulation

Hot water pipe insulation results in efficient hot water distribution, thereby saving energy costs.

Irrigation

The irrigation system throughout the community and in each individual home has been designed with low-flow sprinklers, bubblers and emitters. The controller communicates with a weather station to adjust for rain and humidity.

Landscaping

Landscaping has been carefully planned to be resource-efficient with drought-resistant plants and minimal turf areas. All turf has been designed to have a water requirement less than or equal to tall fescue, reducing the overall environmental impact.

COMMUNITY

The Village

The Village at Ironwood community and The Village Club offer advanced water-saving landscaping and irrigation systems, Energy Star® appliances in the kitchen and energy-efficient fluorescent light fixtures throughout. These features, along with others, conserve resources while offering high performance in the comprehensive community center and throughout the common areas of the community.

Storm Water

Advanced storm water treatment measures integrated into The Village community include a permeable paving system, bio-swales, bio-retention basins and an underground detention system, all of which help restore clean water to the environment.

California Energy Standards - Title 24

Created in 1978, Title 24 established statewide energy efficiency standards to reduce energy consumption in California. The standards are updated periodically to reflect new technologies, materials and methods. This home is designed to exceed by more than 15% all current Title 24 requirements.



DESIGNED TO BE: **GreenPointRATED**



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