# LEED for Homes Project Snapshot

## CARMEL MID-CENTURY
## CARMEL-BY-THE-SEA, CA
## CARVER + SCHICKETANZ
## LEED PLATINUM

**35 %** Expected Energy Savings
Based on HERS Score

**80 %** Construction Waste
Diverted from Landfill

Photo Courtesy of: ROBERT CANFIELD PHOTOGRAPHY

### STRATEGIES AND RESULTS

An initial LEED workshop was conducted with the LEED rater to determine the points achievable for this extensive remodel of an existing mid-century modern residence. Proximity to the downtown commercial district, a compact building site and house footprint, and use of drought-tolerant landscaping achieved LEED goals in the location and site categories. Non-toxic and recycled materials were specified throughout the interior to ensure high indoor air quality and reduce the overall carbon footprint. Radiant heat flooring, insulated window glazing, and Energy Star lighting contributed to the project's exceptional energy performance.

### EXEMPLARY PERFORMANCE

On-site renewable energy is provided by a rooftop 3.4 kW photovoltaic solar array that supplies a significant percentage of the overall energy usage.

A whole house control system is utilized for the heating, lighting, and security systems to program and monitor performance.

Natural ventilation is enhanced by a motorized skylight over the dining room and a Nanawall door system in the master bedroom.

## LEED™ Facts
### Carmel Mid-Century

**LEED for Homes**
**Certification Awarded DATE HERE**

| | |
|---|---|
| **Platinum** | **90.5*** |
| **Innovation in Design** | **8 /11** |
| **Location & Linkages** | **10 /10** |
| **Sustainable Sites** | **17 /22** |
| **Water Efficiency** | **10 /15** |
| **Energy & Atmosphere** | **27 /38** |
| **Materials & Resources** | **9.5 /16** |
| **Indoor Environmental Quality** | **7 /21** |
| **Awareness & Education** | **2 /3** |

**Out of136 possible points*

### PROJECT BASICS

| | |
|---|---|
| Project Type | Single Family |
| Conditioned Space | 1573 sq ft |
| Bedrooms | 2 |
| Bathrooms | 2 |
| Lot Type | Previously Developed |
| Construction Type | Gut Rehab |

### KEYS TO SUCCESS

| | |
|---|---|
| Insulation | Closed-cell foam |
| Aluminum windows | Low-E2 insulated glass |
| On Site Renewables | 3.4kW photovoltaic |
| Lighting | Energy Star fixtures |
| Appliances | Energy Star qualified |

Whole house control system for heat and lighting

Landscape Irrigation Reduction = 78%

### THE LEED FOR HOMES DIFFERENCE

| | |
|---|---|
| Construction Waste Management Plan | ☑ YES! |
| On-Site Performance Tests | ☑ YES! |
| Custom Durability Planning Checklist | ☑ YES! |
| Third-Party Verified Documentation | ☑ YES! |

### About the Project Team

MCNAMEE CONSTRUCTION

LEED RATER:
BRIGHT GREEN STRATEGIES

STRUCTURAL ENGINEER:
GALLIEN ENGINEERING

MECHANICAL ENGINEER:
MONTEREY ENERGY GROUP

LIGHTING DESIGNER:
OHM LIGHTING

### LEED for Homes Provider

Davis Energy Group

### About LEED for Homes

LEED for Homes is a voluntary, third-party certification program developed by residential experts and experienced builders. LEED promotes the design and construction of high-performance green homes, and encourages the adoption of sustainable practices throughout the building industry.

**www.usgbc.org/homes**

LEED™ FOR HOMES