



for Homes

LEED for Homes Simplified Project Checklist for California

| | |
|-------------------------------------|-------------------------|
| Builder Name: | Phil Gaitaud |
| Project Team Leader (if different): | Nigel and Rhonda Farrar |
| Home Address (Street/City/State): | [REDACTED] |

Project Description:

Building type: *Single detached*
of bedrooms: 5

Project type: *Custom*
Floor area: 3046

Adjusted Certification Thresholds

Certified: 46.5 Gold: 76.5
Silver: 61.5 Platinum: 91.5

| | | | | | |
|----------------------------|---|-------|--------|----------|--------|
| Project Point Total | Final Credit Category Total Points | | | | |
| Prelim: 92 + 0 maybe pts | Final: 92 | ID: 9 | SS: 16 | EA: 32.5 | EQ: 15 |
| Certification Level | | LL: 6 | WE: 5 | MR: 6.5 | AE: 2 |
| Prelim: Platinum | Final: Platinum | | | | |

| | | date last updated : last updated by : | | Max Points | Project Points | | | | |
|--|-----|--|-------------|------------|----------------|----------|----------|-----------|-------|
| | | | | | Y/Pts | Maybe | No | Y/Pts | |
| Innovation and Design Process (ID) (No Minimum Points Required) | | | | Max | Y/Pts | Maybe | No | Y/Pts | |
| 1. Integrated Project Planning | 1.1 | Preliminary Rating | | 1 | 1 | 0 | 0 | 1 | |
| | 1.2 | Integrated Project Team | | 1 | 0 | 0 | 0 | 0 | |
| | 1.3 | Professional Credentialed with Respect to LEED for Homes | | 1 | 1 | 0 | 0 | 1 | |
| | 1.4 | Design Charrette | | 1 | 0 | 0 | 0 | 0 | |
| | 1.5 | Building Orientation for Solar Design | | | | | | | |
| 2. Durability Management Process | 2.1 | Durability Planning | | Prereq | Y | | | Y | |
| | 2.2 | Durability Management | | Prereq | Y | | | Y | |
| | 2.3 | Third-Party Durability Management Verification | | 3 | 3 | 0 | 0 | 3 | |
| 3. Innovative or Regional Design | 3.1 | Innovation #1 _____ | | 1 | 1 | 0 | 0 | 1 | |
| | 3.2 | Innovation #2 _____ | | 1 | 1 | 0 | 0 | 1 | |
| | 3.3 | Innovation #3 _____ | | 1 | 1 | 0 | 0 | 1 | |
| | 3.4 | Innovation #4 _____ | | 1 | 1 | 0 | 0 | 1 | |
| <i>Sub-Total for ID Category:</i> | | | | 11 | 9 | 0 | 0 | 9 | |
| Location and Linkages (LL) (No Minimum Points Required) | | | | OR | Max | Y/Pts | Maybe | No | Y/Pts |
| 1. LEED ND | 1 | LEED for Neighborhood Development | LL 2-6 | 10 | 0 | 0 | 0 | 0 | |
| 2. Site Selection | 2 | See Selection | | 2 | 2 | 0 | 0 | 2 | |
| 3. Preferred Locations | 3.1 | Edge Development | LL 3.2 | 1 | 0 | 0 | 0 | 0 | |
| | 3.2 | Infill | | 2 | 2 | 0 | 0 | 2 | |
| | 3.3 | Previously Developed | | 1 | 0 | 0 | 0 | 0 | |
| 4. Infrastructure | 4 | Existing Infrastructure | | 1 | 1 | 0 | 0 | 1 | |
| 5. Community Resources/ Transit | 5.1 | Basic Community Resources / Transit | LL 5.2, 5.3 | 1 | 0 | 0 | 0 | 0 | |
| | 5.2 | Extensive Community Resources / Transit | LL 5.3 | 2 | 0 | 0 | 0 | 0 | |
| | 5.3 | Outstanding Community Resources / Transit | | 3 | 0 | 0 | 0 | 0 | |
| 6. Access to Open Space | 6 | Access to Open Space | | 1 | 1 | 0 | 0 | 1 | |
| <i>Sub-Total for LL Category:</i> | | | | 10 | 6 | 0 | 0 | 6 | |
| Sustainable Sites (SS) (Minimum of 5 SS Points Required) | | | | OR | Max | Y/Pts | Maybe | No | Y/Pts |
| 1. Site Stewardship | 1.1 | Erosion Controls During Construction | | Prereq | Y | | | Y | |
| | 1.2 | Minimize Disturbed Area of Site | | 1 | 1 | 0 | 0 | 1 | |
| 2. Landscaping | 2.1 | No Invasive Plants | | Prereq | Y | | | Y | |
| | 2.2 | Basic Landscape Design | SS 2.5 | 2 | 2 | 0 | 0 | 2 | |
| | 2.3 | Limit Conventional Turf | SS 2.5 | 3 | 3 | 0 | 0 | 3 | |
| | 2.4 | Drought Tolerant Plants | SS 2.5 | 2 | 2 | 0 | 0 | 2 | |
| | 2.5 | Reduce Overall Irrigation Demand by at Least 20% | | 6 | 0 | 0 | 0 | 0 | |
| 3. Local Heat Island Effects | 3 | Reduce Local Heat Island Effects | | 1 | 1 | 0 | 0 | 1 | |
| 4. Surface Water Management | 4.1 | Permeable Lot | | 4 | 3 | 0 | 0 | 3 | |
| | 4.2 | Permanent Erosion Controls | | 1 | 1 | 0 | 0 | 1 | |
| | 4.3 | Management of Run-off from Roof | | 2 | 1 | 0 | 0 | 1 | |
| 5. Nontoxic Pest Control | 5 | Pest Control Alternatives | | 2 | 2 | 0 | 0 | 2 | |
| 6. Compact Development | 6.1 | Moderate Density | SS 6.2, 6.3 | 2 | 0 | 0 | 0 | 0 | |
| | 6.2 | High Density | SS 6.3 | 3 | 0 | 0 | 0 | 0 | |
| | 6.3 | Very High Density | | 4 | 0 | 0 | 0 | 0 | |
| <i>Sub-Total for SS Category:</i> | | | | 22 | 16 | 0 | 0 | 16 | |

LEED for Homes Simplified Project Checklist for California (continued)

| | | | | Max Points | Project Points | | | | |
|---|------|--|---------------|---------------|----------------|----------|----------|-------------|-------|
| | | | | | Y/Pts | Maybe | No | Y/Pts | |
| | | | | OR | Max | Y/Pts | Maybe | No | Y/Pts |
| Water Efficiency (WE) | | (Minimum of 3 WE Points Required) | | OR | | | | | |
| 1. Water Reuse | 1.1 | Rainwater Harvesting System | WE 1.3 | 4 | 0 | 0 | 0 | 0 | |
| | 1.2 | Graywater Reuse System | WE 1.3 | 1 | 0 | 0 | 0 | 0 | |
| | 1.3 | Use of Municipal Recycled Water System | | 3 | 0 | 0 | 0 | 0 | |
| 2. Irrigation System | 2.1 | High Efficiency Irrigation System | WE 2.3 | 3 | 2 | 0 | 0 | 3 | |
| | 2.2 | Third Party Inspection | WE 2.3 | 1 | 1 | 0 | 0 | 1 | |
| | 2.3 | Reduce Overall Irrigation Demand by at Least 45% | | 4 | 0 | 0 | 0 | 0 | |
| 3. Indoor Water Use | 3.1 | High-Efficiency Fixtures and Fittings | | 3 | 1 | 0 | 0 | 1 | |
| | 3.2 | Very High Efficiency Fixtures and Fittings | | 6 | 0 | 0 | 0 | 0 | |
| <i>Sub-Total for WE Category:</i> | | | | 15 | 5 | 0 | 0 | 5 | |
| Energy and Atmosphere (EA) | | (Minimum of 0 EA Points Required) | | OR | | | | | |
| 1. Optimize Energy Performance In California | 1.1 | Performance of ENERGY STAR for Homes | | Prereq | Y | 0 | 0 | Y | |
| | 1.2 | Exceptional Energy Performance | | 19 | 17 | 0 | 0 | 17 | |
| 7. Water Heating | 7 | Efficient Hot Water Distribution | | 2 | 0 | 0 | 0 | 0 | |
| 8. Lighting | 8.1 | Title-24 Lighting | EA 8.3 | Prereq | Y | 0 | 0 | Y | |
| | 8.2 | Improved Lighting | | 1 | 0 | 0 | 0 | 0 | |
| | 8.3 | Advanced Lighting | | 3 | 3 | 0 | 0 | 3 | |
| 9. Appliances | 9.1 | High-Efficiency Appliances | | 2 | 1.5 | 0 | 0 | 1.5 | |
| | 9.2 | Water-Efficient Clothes Washer | | 1 | 0 | 0 | 0 | 0 | |
| 10. Renewable Energy in CA | 10 | Renewable Energy System | | 10 | 10 | 0 | 0 | 10 | |
| 11. Residential Refrigerant Management | 11.1 | Refrigerant Charge Test | | Prereq | Y | 0 | 0 | Y | |
| | 11.2 | Appropriate HVAC Refrigerants | | 1 | 1 | 0 | 0 | 1 | |
| <i>Sub-Total for EA Category:</i> | | | | 38 | 32.5 | 0 | 0 | 32.5 | |
| Materials and Resources (MR) | | (Minimum of 2 MR Points Required) | | OR | | | | | |
| 1. Material-Efficient Framing | 1.1 | Framing Order Waste Factor Limit | MR 1.5 | Prereq | Y | 0 | 0 | Y | |
| | 1.2 | Detailed Framing Documents | MR 1.5 | 1 | 0 | 0 | 0 | 0 | |
| | 1.3 | Detailed Cut List and Lumber Order | MR 1.5 | 3 | 0 | 0 | 0 | 0 | |
| | 1.4 | Framing Efficiencies | | 4 | 0 | 0 | 0 | 0 | |
| | 1.5 | Off-site Fabrication | | 4 | 0 | 0 | 0 | 0 | |
| 2. Environmentally Preferable Products | 2.1 | FSC Certified Tropical Wood | | Prereq | Y | 0 | 0 | Y | |
| | 2.2 | Environmentally Preferable Products | | 8 | 6 | 0 | 0 | 6 | |
| 3. Waste Management | 3.1 | Construction Waste Management Planning | | Prereq | Y | 0 | 0 | Y | |
| | 3.2 | Construction Waste Reduction | | 3 | 0.5 | 0 | 0 | 0.5 | |
| <i>Sub-Total for MR Category:</i> | | | | 16 | 6.5 | 0 | 0 | 6.5 | |

LEED for Homes Simplified Project Checklist for California (continued)

| | | | | OR | Max Points | Project Points | | | |
|--|------|---|--|-----------------------------------|------------|----------------|----------|-----------|-------------|
| | | | | | | Y/Pts | Maybe | No | Final Y/Pts |
| Indoor Environmental Quality (EQ) | | | | (Minimum of 6 EQ Points Required) | | | | | |
| | | | | | 13 | 0 | 0 | 0 | |
| 1. ENERGY STAR with IAP | 1 | ENERGY STAR with Indoor Air Package | | | Prereq | Y | | Y | |
| 2. Combustion Venting | 2.1 | Basic Combustion Venting Measures | | EQ 1 | 2 | 1 | 0 | 1 | |
| | 2.2 | Enhanced Combustion Venting Measures | | EQ 1 | 1 | 0 | 0 | 0 | |
| 3. Moisture Control | 3 | Moisture Load Control | | EQ 1 | Prereq | Y | | Y | |
| 4. Outdoor Air Ventilation | 4.1 | Basic Outdoor Air Ventilation | | EQ 1 | 2 | 2 | 0 | 2 | |
| | 4.2 | Enhanced Outdoor Air Ventilation | | EQ 1 | 1 | 1 | 0 | 1 | |
| | 4.3 | Third-Party Performance Testing | | EQ 1 | Prereq | Y | | Y | |
| 5. Local Exhaust | 5.1 | Basic Local Exhaust | | EQ 1 | 1 | 1 | 0 | 1 | |
| | 5.2 | Enhanced Local Exhaust | | EQ 1 | 1 | 1 | 0 | 1 | |
| | 5.3 | Third-Party Performance Testing | | EQ 1 | Prereq | Y | | Y | |
| 6. Distribution of Space Heating and Cooling | 6.1 | Room-by-Room Load Calculations | | EQ 1 | 1 | 0 | 0 | 0 | |
| | 6.2 | Return Air Flow / Room by Room Controls | | EQ 1 | 2 | 2 | 0 | 2 | |
| | 6.3 | Third-Party Performance Test / Multiple Zones | | EQ 1 | Prereq | Y | | Y | |
| 7. Air Filtering | 7.1 | Good Filters | | EQ 1 | 1 | 0 | 0 | 0 | |
| | 7.2 | Better Filters | | EQ 7.3 | 2 | 0 | 0 | 0 | |
| | 7.3 | Best Filters | | EQ 1 | 1 | 1 | 0 | 1 | |
| 8. Contaminant Control | 8.1 | Indoor Contaminant Control during Construction | | EQ 1 | 2 | 2 | 0 | 2 | |
| | 8.2 | Indoor Contaminant Control | | EQ 1 | 1 | 1 | 0 | 1 | |
| | 8.3 | Preoccupancy Flush | | EQ 1 | Prereq | N/A | | N/A | |
| 9. Radon Protection | 9.1 | Radon-Resistant Construction in High-Risk Areas | | EQ 1 | 1 | 0 | 0 | 0 | |
| | 9.2 | Radon-Resistant Construction in Moderate-Risk Areas | | EQ 1 | Prereq | Y | | Y | |
| 10. Garage Pollutant Protection | 10.1 | No HVAC in Garage | | EQ 1 | 2 | 2 | 0 | 2 | |
| | 10.2 | Minimize Pollutants from Garage | | EQ 1, 10.4 | 1 | 1 | 0 | 1 | |
| | 10.3 | Exhaust Fan in Garage | | EQ 1, 10.4 | 3 | 0 | 0 | 0 | |
| | 10.4 | Detached Garage or No Garage | | EQ 1 | | | | | |
| Sub-Total for EQ Category: | | | | | 21 | 15 | 0 | 15 | |
| Awareness and Education (AE) | | | | (Minimum of 0 AE Points Required) | | | | | |
| | | | | | 3 | 2 | 0 | 2 | |
| 1. Education of the Homeowner or Tenant | 1.1 | Basic Operations Training | | | 1 | 1 | 0 | 1 | |
| | 1.2 | Enhanced Training | | | 1 | 1 | 0 | 1 | |
| | 1.3 | Public Awareness | | | 1 | 0 | 0 | 0 | |
| 2. Education of Building Manager | 2 | Education of Building Manager | | | 1 | 0 | 0 | 0 | |
| Sub-Total for AE Category: | | | | | 3 | 2 | 0 | 2 | |