



| v3 - LEED 2008

Integrated project planning

IDc1 | Possible 4 points

Glossary

Intent

Maximize opportunities for integrated, cost-effective adoption of green design and construction strategies.

Requirements

Prerequisites

1.1 Preliminary rating. As early as practical, conduct a preliminary LEED for Homes meeting, with the participation of the Provider and key members of the project team. As part of the meeting, create an action plan that identifies the following:

- The targeted LEED award level (Certified, Silver, Gold, or Platinum).
- The LEED for Homes credits that have been selected to meet the targeted award level.
- The party accountable for meeting the LEED for Homes requirements for each selected credit.

Credits

1.2 Integrated project team (1 point). Assemble and involve a project team to meet the three criteria below:

1. Include team members, in addition to the builder and Verification Team, whose capabilities include at least three of the following skill sets:
 - architecture or residential building design;
 - mechanical or energy engineering;
 - building science or performance testing;
 - green building or sustainable design; and
 - civil engineering, landscape architecture, habitat restoration, or landuse planning.
2. Actively involve all team members referenced above in at least three of the following phases of the home design and construction process:
 - conceptual or schematic design;
 - LEED planning;
 - preliminary design;
 - energy and envelope systems analysis or design;
 - design development;
 - final design, working drawings or specifications; and
 - construction.
3. Conduct meetings with the project team at least monthly to review project status, introduce new team members to project goals, discuss problems encountered, formulate solutions, review responsibilities and identify next steps.

1.3 Professional credentialed with respect to LEED for Homes (1 point). At least one principal member of the project team shall be a professional who is credentialed with respect to LEED for Homes as determined by the U.S. Green Building Council.

1.4 Design charrette (1 point). No later than the design development phase and preferably during schematic design, conduct at least one full-day integrated design workshop with the project team defined in ID 1.2. Use the workshop to integrate green strategies across all aspects of the building design, drawing on the expertise of all participants.

1.5 Building orientation for solar design (1 point). Design the home such that all of the following requirements are met:

1. The glazing area on the north- and south-facing walls of the building is at least 50% greater than the sum of the glazing area on the east- and west-facing walls.
2. The east-west axis of the building is within 15 degrees of due east-west.
3. The roof has a minimum of 450 square feet of south-facing area that is oriented appropriately for solar applications.
4. At least 90% of the glazing on the south-facing wall is completely shaded (using shading, overhangs, etc.) at noon on June 21 and unshaded at noon on December 21.