

LEED v4 for Neighborhood Development
Summary of changes from LEED 2009

Smart Location and Linkage		
Prerequisite	Smart Location	<ul style="list-style-type: none"> Refined which diverse uses may be counted in Option 4.
Prerequisite	Imperiled Species and Ecological Communities	<ul style="list-style-type: none"> No substantive changes.
Prerequisite	Wetland and Water Body Conservation	<ul style="list-style-type: none"> Added prohibition on land reclaimed within last 20 years
Prerequisite	Agricultural Land Conservation	<ul style="list-style-type: none"> No substantive changes.
Prerequisite	Floodplain Avoidance	<ul style="list-style-type: none"> Revised floodplain terminology to align with industry standards Option for standard ASCE 24
Credit	Preferred Locations	<ul style="list-style-type: none"> No substantive technical changes.
Credit	Brownfield Remediation	<ul style="list-style-type: none"> Aligned with BD&C; broader requirements for how a site is designated as a brownfield
Credit	Access to Quality Transit	<ul style="list-style-type: none"> Title change Option for large projects eliminated Removed option for locating on a site with low VMT
Credit	Bicycle Facilities	<ul style="list-style-type: none"> Title change Aligned with BD&C; bicycle storage determined on percentage of occupancy Two options provided to recognize bicycle network both within the project and in the project vicinity
Credit	Housing and Jobs Proximity	<ul style="list-style-type: none"> No substantive changes.
Credit	Steep Slope Protection	<ul style="list-style-type: none"> Credit restructured for simplicity, clarified appropriate cases for project conditions.
Credit	Site Design for Habitat or Wetland and Water Body Conservation	<ul style="list-style-type: none"> Protection of lands “in perpetuity” has been replaced with “for the purpose of long-term conservation”
Credit	Restoration of Habitat or Wetlands and Water Bodies	<ul style="list-style-type: none"> Protection of lands “in perpetuity” has been replaced with “for the purpose of long-term conservation”
Credit	Long-Term Conservation Management of Habitat or Wetlands and Water Bodies	<ul style="list-style-type: none"> No substantive changes.

Neighborhood Pattern and Design		
Prerequisite	Walkable Streets	<ul style="list-style-type: none"> Clarified building height to street centerline measurement
Prerequisite	Compact Development	<ul style="list-style-type: none"> No substantive changes.
Prerequisite	Connected and Open Community	<ul style="list-style-type: none"> Added case 2 requirements for having no more than 10% of the project area behind gates (exceptions for health care, military, and education) Incorporates interpretation allowing flexibility for smaller projects.
Credit	Walkable Streets	<ul style="list-style-type: none"> Clarified building height to street centerline measurement
Credit	Compact Development	<ul style="list-style-type: none"> No substantive changes.

Credit	Mixed-Use Neighborhoods	<ul style="list-style-type: none"> • Credit name revised from “Mixed-Use Neighborhood Centers” • Deleted requirements for projects over 40 acres • Refined which diverse uses comply with requirements. • Projects with a retail component must have a transit stop nearby. • Prohibition for counting uses on-site removed. • Streamlined thresholds and have all point levels be at 50% level.
Credit	Mixed-Income Diverse Communities	<ul style="list-style-type: none"> • No substantive changes.
Credit	Reduced Parking Footprint	<ul style="list-style-type: none"> • Deleted bicycle storage requirements.
Credit	Street Network	<ul style="list-style-type: none"> • Added requirements for having no more than 10% of the project area behind gates (exceptions for health care, military, and education)
Credit	Transit Facilities	<ul style="list-style-type: none"> • No substantive revisions.
Credit	Transportation Demand Management	<ul style="list-style-type: none"> • Eliminated option for peak period trip reduction; • Two options for a guaranteed ride home program and flexible work arrangements
Credit	Access to Civic and Public Space	<ul style="list-style-type: none"> • Modified the large project requirements to require a median park size of at least 1 acre for spaces that are a) over ½ acre and b) counted towards the overarching 90% threshold
Credit	Access to Recreation Facilities	<ul style="list-style-type: none"> • No substantive changes.
Credit	Visitability and Universal Design	<ul style="list-style-type: none"> • No substantive changes.
Credit	Community Outreach and Involvement	<ul style="list-style-type: none"> • No substantive changes.
Credit	Local Food Production	<ul style="list-style-type: none"> • No substantive changes.
Credit	Tree-Lined and Shaded Streets	<ul style="list-style-type: none"> • Maximum 50 feet tree spacing length.
Credit	Neighborhood Schools	<ul style="list-style-type: none"> • New schools must provide a legally binding warrant by time of 1st building occupancy, demonstrating the school will be open by time of 50% project occupancy

Green Infrastructure and Buildings		
Prerequisite	Certified Green Building	<ul style="list-style-type: none"> • Certified green building is now required to use a rating system that is accredited to the referenced ISO standard vs. “meeting” the ISO standard • Core and Shell buildings no longer required to also use Commercial Interiors
Prerequisite	Minimum Building Energy Performance	<ul style="list-style-type: none"> • Credit name revised • Some building types formerly allowed to use the ASHRAE AEDG path have been eliminated, matching the BD&C rating systems • References ASHRAE 90.1-2010 • Low-rise residential requirements reference LEED for Homes
Prerequisite	Indoor Water Use Reduction	<ul style="list-style-type: none"> • Credit name revised • Design performance requirements added.
Prerequisite	Construction Activity Pollution Prevention	<ul style="list-style-type: none"> • Western Washington Stormwater Manual replaced with a reference to the US EPA’s Site Runoff Menu of BMPs
Credit	Certified Green Buildings	<ul style="list-style-type: none"> • Certified green building is now required to use a rating system that is accredited to the referenced ISO standard vs. “meeting”

		<ul style="list-style-type: none"> the ISO standard Core and Shell buildings no longer required to also use Commercial Interiors
Credit	Optimize Building Energy Performance	<ul style="list-style-type: none"> Credit name revised References ASHRAE 90.1-2010 Low-rise residential section references LEED for Homes
Credit	Indoor Water Use Reduction	<ul style="list-style-type: none"> Credit name revised Design performance requirements added
Credit	Outdoor Water Use Reduction	<ul style="list-style-type: none"> Credit name revised Only projects with 2500 sf of vegetated space can use the credit (formerly 3% of land area) Explanation of how to reduce water from the baseline.
Credit	Existing Building Reuse	<ul style="list-style-type: none"> No substantive changes.
Credit	Historic Resource Preservation and Adaptive Use	<ul style="list-style-type: none"> The National Park Service has been added to approve demolition of historic structures. Guidelines for rehabilitation extended to restoration and preservation Clarified requirements for buildings subject to review.
Credit	Minimized Site Disturbance in Design and Construction	<ul style="list-style-type: none"> Thresholds changed.
Credit	Rainwater Management	<ul style="list-style-type: none"> Credit name revised. Method for determining amount of rain to manage and BMPs to use updated.
Credit	Heat Island	<ul style="list-style-type: none"> Acceptable strategies for nonroof compliance updated. 3 yr aged SRI values added Hardscape requirements based on SR to align with industry standards
Credit	Solar Orientation	<ul style="list-style-type: none"> No substantive changes.
Credit	Renewable Energy Production	<ul style="list-style-type: none"> Credit name revised Removed reference to an energy simulation tool
Credit	District Heating and Cooling	<ul style="list-style-type: none"> Method for allowing DHC systems using combined heat and power to meet this credit clarified.
Credit	Infrastructure Energy Efficiency	<ul style="list-style-type: none"> No substantive changes.
Credit	Wastewater management	<ul style="list-style-type: none"> No substantive changes.
Credit	Recycled Content in Infrastructure	<ul style="list-style-type: none"> No substantive changes.
Credit	Solid Waste Management	<ul style="list-style-type: none"> Credit name revised. Clarified requirements for construction debris; asphalt, brick and concrete capped at 75%
Credit	Light Pollution Reduction	<ul style="list-style-type: none"> Residential motion sensors have been replaced with BUG rating requirements for individual fixtures. Requirements for street lighting added Clarified how a project with multiple lighting zones complies