

## What is LEED?

- Family of national green building rating systems
- Created and managed by USGBC
- Multiple versions – New Construction, Core and Shell, Commercial Interiors, Schools, etc.

## How do projects get certified?

- They achieve all mandatory LEED prerequisites
- They achieve a certain number of LEED credits (LEED level of Certified, Silver, Gold, or Platinum is based on number of points achieved)
- USGBC reviews project documentation – no inspections

## Who is responsible for achieving LEED?

- Every team member can contribute to or derail the LEED effort
- Typically the architect or a LEED consultant manage the overall effort
- Many LEED points are determined by the design, but several depend on construction

## How might materials be different on a LEED project?

- Many materials do not need to be ordered or installed any differently
  - o Structural steel, concrete (depends), ceiling tile systems
- Some materials will need to be ordered differently
  - o Aluminum with recycled content, low-VOC paint, glazing with high VLT, wood

## What might be required of a subcontractor or supplier?

- Read the spec manual carefully and meet the requirements
  - o Recycled content, regional sources, certified wood, low-emitting materials
- Comply with the Construction Waste and Indoor Air Quality requirements set by the GC
- Coordinate with the Commissioning Agent (MEP subs only)
- Provide required submittal documentation (cost, recycled content, VOC level, etc.)

## What is going on in New Mexico with LEED?

- Mandates for city and state projects
- New state tax credit for LEED Silver or above
- 6 LEED certified projects, over 50 LEED projects in progress

## Where can I get more information?

- Visit USGBC's national website at [www.usgbc.org](http://www.usgbc.org)
- Get involved with the New Mexico chapter of USGBC – first Wednesday luncheons
- Take a LEED training course through the local chapter
  - o August – Understanding LEED Project Costs & Returns
  - o October – LEED for School Projects
  - o November – LEED for General Contractors/Construction Managers





## LEED-NC 2.2 Project Checklist

Yes	?	No			
<b>Sustainable Sites</b> <span style="float:right">14 Points</span>					
<input checked="" type="checkbox"/>			Prereq 1	<b>Construction Activity Pollution Prevention</b>	Required
			Credit 1	<b>Site Selection</b>	1
			Credit 2	<b>Development Density &amp; Community Connectivity</b>	1
			Credit 3	<b>Brownfield Redevelopment</b>	1
			Credit 4.1	<b>Alternative Transportation, Public Transportation Access</b>	1
			Credit 4.2	<b>Alternative Transportation, Bicycle Storage &amp; Changing Rooms</b>	1
			Credit 4.3	<b>Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles</b>	1
			Credit 4.4	<b>Alternative Transportation, Parking Capacity</b>	1
			Credit 5.1	<b>Site Development, Protect or Restore Habitat</b>	1
			Credit 5.2	<b>Site Development, Maximize Open Space</b>	1
			Credit 6.1	<b>Stormwater Design, Quantity Control</b>	1
			Credit 6.2	<b>Stormwater Design, Quality Control</b>	1
			Credit 7.1	<b>Heat Island Effect, Non-Roof</b>	1
			Credit 7.2	<b>Heat Island Effect, Roof</b>	1
			Credit 8	<b>Light Pollution Reduction</b>	1
<b>Water Efficiency</b> <span style="float:right">5 Points</span>					
			Credit 1	<b>Water Efficient Landscaping, Reduce by 50% or 100%</b>	2
			Credit 2	<b>Innovative Wastewater Technologies</b>	1
			Credit 3	<b>Water Use Reduction, 20% or 30% Reduction</b>	2
<b>Energy &amp; Atmosphere</b> <span style="float:right">17 Points</span>					
<input checked="" type="checkbox"/>			Prereq 1	<b>Fundamental Commissioning of the Building Energy Systems</b>	Required
<input checked="" type="checkbox"/>			Prereq 2	<b>Minimum Energy Performance</b>	Required
<input checked="" type="checkbox"/>			Prereq 3	<b>Fundamental Refrigerant Management</b>	Required
			Credit 1	<b>Optimize Energy Performance</b>	1 to 10
			Credit 2	<b>On-Site Renewable Energy</b>	1 to 3
			Credit 3	<b>Enhanced Commissioning</b>	1
			Credit 4	<b>Enhanced Refrigerant Management</b>	1
			Credit 5	<b>Measurement &amp; Verification</b>	1
			Credit 6	<b>Green Power</b>	1
<b>Materials &amp; Resources</b> <span style="float:right">13 Points</span>					
<input checked="" type="checkbox"/>			Prereq 1	<b>Storage &amp; Collection of Recyclables</b>	Required
			Credit 1	<b>Building Reuse, Maintain 75% or 100% of Existing Walls, Floors &amp; Roofs</b>	2
			Credit 1.3	<b>Building Reuse, Maintain 50% of Interior Non-Structural Elements</b>	1
			Credit 2	<b>Construction Waste Management, Divert 50% or 75% from Disposal</b>	2
			Credit 3	<b>Materials Reuse, 5% or 10%</b>	2
			Credit 4	<b>Recycled Content, 10% or 20% (post-consumer + 1/2 pre-consumer)</b>	2
			Credit 5	<b>Regional Materials, 10% or 20% Extracted, Processed &amp; Manuf Regio</b>	2
			Credit 6	<b>Rapidly Renewable Materials</b>	1
			Credit 7	<b>Certified Wood</b>	1
<b>Indoor Environmental Quality</b> <span style="float:right">15 Points</span>					
<input checked="" type="checkbox"/>			Prereq 1	<b>Minimum IAQ Performance</b>	Required
<input checked="" type="checkbox"/>			Prereq 2	<b>Environmental Tobacco Smoke (ETS) Control</b>	Required
			Credit 1	<b>Outdoor Air Delivery Monitoring</b>	1
			Credit 2	<b>Increased Ventilation</b>	1
			Credit 3.1	<b>Construction IAQ Management Plan, During Construction</b>	1
			Credit 3.2	<b>Construction IAQ Management Plan, Before Occupancy</b>	1
			Credit 4.1	<b>Low-Emitting Materials, Adhesives &amp; Sealants</b>	1
			Credit 4.2	<b>Low-Emitting Materials, Paints &amp; Coatings</b>	1
			Credit 4.3	<b>Low-Emitting Materials, Carpet Systems</b>	1
			Credit 4.4	<b>Low-Emitting Materials, Composite Wood &amp; Agrifiber Products</b>	1
			Credit 5	<b>Indoor Chemical &amp; Pollutant Source Control</b>	1
			Credit 6.1	<b>Controllability of Systems, Lighting</b>	1
			Credit 6.2	<b>Controllability of Systems, Thermal Comfort</b>	1
			Credit 7.1	<b>Thermal Comfort, Design</b>	1
			Credit 7.2	<b>Thermal Comfort, Verification</b>	1
			Credit 8.1	<b>Daylight &amp; Views, Daylight 75% of Spaces</b>	1
			Credit 8.2	<b>Daylight &amp; Views, Views for 90% of Spaces</b>	1
<b>Innovation &amp; Design Process</b> <span style="float:right">5 Points</span>					
			Credit 1	<b>Innovation in Design: Provide Specific Title, up to 4 different items</b>	4
			Credit 2	<b>LEED® Accredited Professional</b>	1
<b>Project Totals (pre-certification estimates)</b>					<b>69 Points</b>

