



**LEED for New Construction v2.0/2.1**

**Embrey Engineering Building**  
**Project # 10002202**  
**Certification Level: Gold**  
**12/21/07**

**43 Points Achieved** **Possible Points: 69**

Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points

**9 Sustainable Sites** **Possible Points: 14**

Y		
Y	Prereq 1	<b>Erosion &amp; Sedimentation Control</b>
1	Credit 1	<b>Site Selection</b> 1
1	Credit 2	<b>Development Density</b> 1
1	Credit 3	<b>Brownfield Redevelopment</b> 1
1	Credit 4.1	<b>Alternative Transportation, Public Transportation Access</b> 1
1	Credit 4.2	<b>Alternative Transportation, Bicycle Storage &amp; Changing Rooms</b> 1
1	Credit 4.3	<b>Alternative Transportation, Alternative Fuel Vehicles</b> 1
1	Credit 4.4	<b>Alternative Transportation, Parking Capacity &amp; Carpooling</b> 1
1	Credit 5.1	<b>Reduced Site Disturbance, Protect or Restore Open Space</b> 1
1	Credit 5.2	<b>Reduced Site Disturbance, Development Footprint</b> 1
1	Credit 6.1	<b>Stormwater Management, Rate &amp; Quantity</b> 1
1	Credit 6.2	<b>Stormwater Management, Treatment</b> 1
1	Credit 7.1	<b>Landscape &amp; Exterior Design to Reduce Heat Islands, Non-Roof</b> 1
1	Credit 7.2	<b>Landscape &amp; Exterior Design to Reduce Heat Islands, Roof</b> 1
1	Credit 8	<b>Light Pollution Reduction</b> 1

**5 Water Efficiency** **Possible Points: 5**

Y		
1	Credit 1.1	<b>Water Efficient Landscaping, Reduce by 50%</b> 1
1	Credit 1.2	<b>Water Efficient Landscaping, No Potable Use or No Irrigation</b> 1
1	Credit 2	<b>Innovative Wastewater Technologies</b> 1
1	Credit 3.1	<b>Water Use Reduction, 20% Reduction</b> 1
1	Credit 3.2	<b>Water Use Reduction, 30% Reduction</b> 1

**8 Energy & Atmosphere** **Possible Points: 17**

Y		
Y	Prereq 1	<b>Fundamental Building Systems Commissioning</b>
Y	Prereq 2	<b>Minimum Energy Performance</b>
Y	Prereq 3	<b>CFC Reduction in HVAC&amp;R Equipment</b>
1	Credit 1.1	<b>Optimize Energy Performance, 15% New / 5% Existing</b> 1
1	Credit 1.2	<b>Optimize Energy Performance, 20% New / 10% Existing</b> 1
1	Credit 1.3	<b>Optimize Energy Performance, 25% New / 15% Existing</b> 1
1	Credit 1.4	<b>Optimize Energy Performance, 30% New / 20% Existing</b> 1
1	Credit 1.5	<b>Optimize Energy Performance, 35% New / 25% Existing</b> 1
1	Credit 1.6	<b>Optimize Energy Performance, 40% New / 30% Existing</b> 1
1	Credit 1.7	<b>Optimize Energy Performance, 45% New / 35% Existing</b> 1
1	Credit 1.8	<b>Optimize Energy Performance, 50% New / 40% Existing</b> 1
1	Credit 1.9	<b>Optimize Energy Performance, 55% New / 45% Existing</b> 1
1	Credit 1.10	<b>Optimize Energy Performance, 60% New / 50% Existing</b> 1
1	Credit 2.1	<b>Renewable Energy, 5%</b> 1
1	Credit 2.2	<b>Renewable Energy, 10%</b> 1
1	Credit 2.3	<b>Renewable Energy, 15%</b> 1
1	Credit 3	<b>Additional Commissioning</b> 1
1	Credit 4	<b>Ozone Depletion</b> 1
1	Credit 5	<b>Measurement &amp; Verification</b> 1
1	Credit 6	<b>Green Power</b> 1

**6 Materials & Resources** **Possible Points: 13**

Y		
Y	Prereq 1	<b>Storage &amp; Collection of Recyclables</b>
1	Credit 1.1	<b>Building Reuse, Maintain 75% of Existing Shell</b> 1
1	Credit 1.2	<b>Building Reuse, Maintain 100% of Shell</b> 1
1	Credit 1.3	<b>Building Reuse, Maintain 100% Shell &amp; 50% Non-Shell</b> 1
1	Credit 2.1	<b>Construction Waste Management, Divert 50%</b> 1
1	Credit 2.2	<b>Construction Waste Management, Divert 75%</b> 1
1	Credit 3.1	<b>Resource Reuse, Specify 5%</b> 1
1	Credit 3.2	<b>Resource Reuse, Specify 10%</b> 1
1	Credit 4.1	<b>Recycled Content, Specify 5%</b> 1
1	Credit 4.2	<b>Recycled Content, Specify 10%</b> 1
1	Credit 5.1	<b>Local/Regional Materials, 20% Manufactured Locally</b> 1
1	Credit 5.2	<b>Local/Regional Materials, of 20% Above, 50% Harvested Locally</b> 1
1	Credit 6	<b>Rapidly Renewable Materials</b> 1
1	Credit 7	<b>Certified Wood</b> 1

**10 Indoor Environmental Quality** **Possible Points: 15**

Y		
Y	Prereq 1	<b>Minimum IAQ Performance</b>
Y	Prereq 2	<b>Environmental Tobacco Smoke (ETS) Control</b>
1	Credit 1	<b>Carbon Dioxide Monitoring</b> 1
1	Credit 2	<b>Ventilation Effectiveness</b> 1
1	Credit 3.1	<b>Construction IAQ Management Plan, During Construction</b> 1
1	Credit 3.2	<b>Construction IAQ Management Plan, Before Occupancy</b> 1
1	Credit 4.1	<b>Low-Emitting Materials, Adhesives &amp; Sealants</b> 1
1	Credit 4.2	<b>Low-Emitting Materials, Paints</b> 1
1	Credit 4.3	<b>Low-Emitting Materials, Carpet</b> 1
1	Credit 4.4	<b>Low-Emitting Materials, Composite Wood &amp; Agrifiber Products</b> 1
1	Credit 5	<b>Indoor Chemical &amp; Pollutant Source Control</b> 1
1	Credit 6.1	<b>Controllability of Systems, Perimeter</b> 1
1	Credit 6.2	<b>Controllability of Systems, Non-Perimeter</b> 1
1	Credit 7.1	<b>Thermal Comfort, Comply with ASHRAE 55-1992</b> 1
1	Credit 7.2	<b>Thermal Comfort, Permanent Monitoring System</b> 1
1	Credit 8.1	<b>Daylight &amp; Views, Daylight 75% of Spaces</b> 1
1	Credit 8.2	<b>Daylight &amp; Views, Views for 90% of Spaces</b> 1

**5 Innovation & Design Process** **Possible Points: 5**

Y		
1	Credit 1.1	<b>Innovation in Design: Green Building Education</b> 1
1	Credit 1.2	<b>Innovation in Design: Exemplary Performance for EAc6</b> 1
1	Credit 1.3	<b>Innovation in Design: Exemplary Performance for WEc3</b> 1
1	Credit 1.4	<b>Innovation in Design: Organic Landscaping</b> 1
1	Credit 2	<b>LEED® Accredited Professional</b> 1