




**Project Type: School**  
**LEED Rating System: Schools**  
**Certification Level: Gold**

The decision to pursue LEED for the St. Paul's Upper School Building project was made early in the schematic design phase, and target goal of Silver certification was set. While moving into the construction phase, it was determined a LEED Gold certification was not only feasible, but likely. The entire team was actively involved in designing a building which is as efficient as possible, as well as reducing its impact on its surroundings, the local infrastructure, and the environment.



Parking spaces designated for low emitting and fuel efficient vehicles were incorporated into the design to encourage alternative forms of transportation. Water efficient technologies like low flow water fixtures for the toilets, urinals, and lavatories were incorporated to decrease the use of potable water in the interior of the building. Additionally, a vegetative roof comprised of all native and adaptive vegetation was installed to eliminate the need for irrigation. Impressively, 99% of the waste generated from the demolition and construction of the center was diverted from a landfill and sent to a recycling center.

### Major Sustainability Highlights

-  35% Water reduction
-  29% energy savings
-  99% of construction waste was diverted

### Additional Sustainable Highlights:

- 93% Certified Wood
- 24% Regional Materials

### Project Team:

Owner: St. Paul's School  
 MEP: James Posey Associates  
 Architect: Hord Coplan Macht  
 Civil: Century Engineering  
 General Contractor: Glen Arm Building Company  
 LEED Consultant: Lorax Partnerships, LLC

<b>LEED Facts</b>	
Certification awarded: July 8, 2011	
<b>Certified</b>	<b>44 *</b>
<b>Sustainable Sites</b>	<b>7/16</b>
<b>Water Efficiency</b>	<b>4/7</b>
<b>Energy &amp; Atmosphere</b>	<b>8/17</b>
<b>Materials &amp; Resources</b>	<b>6/11</b>
<b>Indoor Environmental Quality</b>	<b>14/20</b>
<b>Innovation</b>	<b>5/6</b>
<i>*out of a possible 79 points</i>	