

Case Study: Alberici Corporate Headquarters

- Located in Overland, MO which is near St. Louis, MO.
- Completed in December 2004.
- Building earned Platinum LEED Certification with a total of 60 points, the highest total ever.
- Building utilizes a metal manufacturing facility that was previously on the lot.
- Original building faced southwest, which is a difficult solar orientation. A “saw-tooth” pattern wall was added to effectively reorient the building due south.
- A portion of the roof was removed to create a courtyard.
- Another portion of the pre-existing facility was used to create a parking garage, and all surface parking was eliminated.
- The building adopted a more open plan, enabling 90% of its occupants to a view of the outdoors, and also induces effective ventilation.

Site Link: <http://leedcasestudies.usgbc.org/overview.cfm?ProjectID=662>

Case Study: Sidwell Friends Middle School

- Located in Washington, DC.
- Completed in September 2006.
- Platinum LEED Certification with a total of 57 points.
- Building is about 46% renovation of a 1950s building.
- Facility was sited to take advantage of passive solar design.
- High-efficiency electric lighting, photosensors, and occupancy sensors combine to maximize the use of natural lighting.
- On-site photovoltaic array provides about 5% of the buildings electricity needs.
- Reclaimed and renewable materials were used in flooring, decking, landscaping, and interior finishes.

Site Link: <http://leedcasestudies.usgbc.org/overview.cfm?ProjectID=775>