

LEED “Green” aspects of the Diamond Center One Building

- Site selection was chosen to minimize the impact on the environment.
- Construction Activity Pollution Prevention Best Management Practices were utilized.
- Bicycle storage and changing rooms can be designed into tenant suite layouts.
- Low-emitting and Fuel efficient vehicle preferred parking can be designed into tenant suite parking layouts. An alternative energy fueling station could also be incorporated.
- Building and site design was limited in order to maximize open space.
- Both storm water quality and quantity control has been implemented.
- Non-roof heat island effect has been minimized with the use of concrete paving for a majority of the hardscape materials.
- Light pollution reduction has been reduced by proper exterior lighting design and fixture selection.
- Water use and wastewater reduction measures include the use of low-flow plumbing fixtures. No-touch, solar powered faucets further reduce the demand on utilities.
- Building roof insulation was increased above the required minimums to lower heating/cooling costs. The precast wall panels are Fabcon Versacore Green panels which have increased insulation for energy efficiency.
- Storage and collection of recyclables per tenant suite can be incorporated.
- Construction wastes during construction were reduced with over 80% diverted from landfills.
- The precast panels and concrete utilized recycled content and regionally manufactured materials.
- Indoor air quality is managed both during construction and before occupancy to insure comfort and well-being for building occupants.
- Low-emitting materials including adhesives, sealants, paints, flooring systems and agrifiber products will be utilized in the building.
- Energy efficient fluorescent lighting with motion sensors are utilized in the high bay warehouse spaces. Fluorescent lighting with controllability can be utilized in tenant suite Buildout areas.
- Geis design staff includes LEED Accredited Professionals.