



PARK DISTRICT  
of OAK PARK

## Park District Receives Gold LEED Certification for Ridgeland Common Recreation Complex

The Park District of Oak Park received LEED Gold status for the Ridgeland Common Recreation Complex by incorporating multiple sustainable concepts into the design and construction of the site and building. Starting with the parking lot, there are specific stalls dedicated to vehicles that are used for carpooling or qualify as low-emitting. Around the site, landscaping consists of native plants which require less maintenance and irrigation. The highly reflective metal roof and a modest area of green roof work to reduce heat island effect. Upon entering the building, several additional sustainable features exist. The design includes reuse of the existing, original roof structure above the ice arena. HVAC equipment is high efficiency and is targeted to achieve 17.5% more efficiency in energy use and consumption compared to baseline energy models. The general contractor for the renovation project diverted 75% of construction demolition and debris from landfill facilities and utilized more than 10% of new building materials with recycled content. In 2017, a solar photovoltaic system was installed on the roof at the Ridgeland Common Recreation Complex.

### Efforts to Achieve Gold LEED Certification

- Reduce pollution thru a soil erosion control plan (during construction)
- Establish community connectivity thru site selection
- Encouraged use of alternative transportation thru: the increased amount of bicycle parking and shower compartments/ changing rooms, proximity to public transportation, dedicated carpool parking, dedicated low emitting vehicle parking, and limiting the amount of on-site parking
- Reduce heat island effect by using high reflective light colored roofing surfaces and green roofed areas
- Use native landscape species to reduce need for additional irrigation
- Use low flow plumbing fixtures to reduce water consumption within the building
- Verify systems optimization through enhanced building commissioning
- Use ozone friendly refrigerants for mechanical systems
- Improve energy use and consumption by 17.5% better than the baseline model using efficient mechanical systems
- Provide a recycling center within the facility
- Divert 75% of construction and demolition debris from landfill facilities.
- Use 10% of building materials that have recycled content.
- Use 20% of building materials that are regionally cultivated and manufactured.
- Use certified wood for 50% of wood-based materials and products specified.
- Establish an indoor air quality program to enhance air quality and occupant comfort.
- Mitigate the effects of tobacco smoke on building occupants by enforcement of non-smoking areas.
- Reduce the quantity of indoor air contaminants by the specification of materials with low volatile organic compounds (VOC's).
- Establish a low mercury lamp program to reduce the exposure of mercury introduced into the environment thru the manufacturing process.
- Re-use of existing roof
- Installation of solar field on roof

For more information please contact Bill Hamilton at [bill.hamilton@pdop.org](mailto:bill.hamilton@pdop.org).