

Kraus Building Renovation and Addition



Project Description

This project will enable the School of Kinesiology to consolidate its programs and operations currently in the School of Kinesiology Building, the Central Campus Recreation Building, and leased space to Kraus and provide space for future growth. A deep renovation of Kraus is planned as well as construction of a 62,000-gross-square-foot infill addition within the exterior courtyard.

Energy Efficiency Measures

- The building's design and systems include a number of energy efficient features that will allow for an estimated 41% energy savings compared with an energy code compliant building as defined in ASHRAE 90.1-2007 Appendix G
- Replaced all windows, both glazing and frame, to improve thermal performance
- Neutral air chilled beam system with passive desiccant energy recovery wheel
- Daylight sensors at the atrium
- Energy efficient lighting
- Occupancy sensors turn off lights when spaces are unoccupied

Other Sustainability Features

- This project is LEED® certified to the Gold level and achieved 62 points under the LEED for New Construction v2009 rating system.
- Chilled water is generated at high efficiency central chiller plant
- Public Transportation Access - the building's location allows users and occupants to utilize public transportation, which reduces single use vehicles on campus
- All storm water from the building and site will be directed to the new below grade infiltration structures
- All landscape is native or adaptive as well as diversified to have the best chance of long-term survival
- Building reuse- the project maintained existing exterior walls, floors and roof
- Low emitting materials were specified for use whenever possible
- Local and regional materials were specified for many parts of this building