

Scottsdale Senior Center at Granite Reef – Scottsdale, AZ

Description of Project

Project is a new single story, 37,500 s.f. +/- Senior Center located at McDowell Road and Granite Reef Road in Scottsdale, Arizona. Project includes reading areas, meeting rooms, and physical fitness. Specifications Consulting to Gabor Lorant Architects, Phoenix, AZ.



Obstacles Overcome:

This was the first building owned by the City of Scottsdale to include the LEED™ rating system in the design and construction of the project.

Benefits Provided:

- More than 20 different support groups meet weekly at the center, with 38 open recreational activities, 16 scheduled card games and 48 specialty recreation classes weekly. The lunch program serves 75 seniors Monday through Friday.
- Recycled Content: Materials and finishes were selected to achieve LEED™ Credits MR 4.1 and 4.2. In particular, alternative flooring materials were selected to address the need for a high recycled content.
- Waste Reduction: Waste management requirements are specified, including the preparation of a construction waste management plan by the General Contractor.
- LEED™ Rating system: A photovoltaic array is designed to be included as part of the shading devices. Roofing was selected to meet Energy-Star and emissivity requirements.
- Eco-Charettes: Individual meetings were held during design with key consultants and the subcontractors to determine those environmental strategies that best fit the project. The Owner was included in the primary meetings.
- Design guidelines/Master Spec: The GrEn-Spec Master specification was used which includes the applicable LEED requirements in Division 1 – General and the various technical specification sections.
- Green O & MS: The City of Scottsdale will be incorporating green operation principles in the on-going operation of the building.
- Commissioning: The project received fundamental building commissioning.
- Energy Modeling and Analysis: Energy modeling was provided the Mechanical / Electrical engineer for the project to determine the best mechanical systems and associated envelope materials.
- Additional green information at <http://www.scottsdaleaz.gov/Assets/Public+Website/smitty/SrCtrGreen.pdf>

Architect: Gabor Lorant Architects, Phoenix, AZ

LEED CERTIFICATION ACHIEVED: .LEED-NC v2.1 Gold Certification, May 2, 2007