

Apache Junction City Hall – Apache Junction, Arizona

Description of Project

2 story, 40,000 s.f. +/- City Hall and Magistrate Court complex located in Apache Junction, Arizona. Specifications and LEED Consulting to Dick & Fritsche Design Group, Phoenix, AZ.



Obstacles Overcome:

This was the first LEED project for the Architect and for the Contractor.

Benefits Provided:

- **Recycled Content:** Structural components, envelope materials and finishes were selected to achieve LEED™ Credits MR 4.1 and 4.2. In particular, steel framing components were specified to ensure that products included high post-consumer recycled content.
- **Waste Reduction:** Over 82% of the construction waste was diverted from the landfill on this project including green wastes that were chipped by the Owner (City of Apache Junction) for use as mulch in city parks. Multiple dumpster system was provided on site during construction. Concrete waste, existing concrete on site, metal and cardboard were all recycled during construction.
- **LEED™ Rating system:** This project was designed from the beginning as a LEED™ building. One of the very unique innovations of this project was the inclusion of a horse stable as an alternative transportation method for city employees.
- **Eco-Charettes:** Several workshops were held including a pre-bid and a pre-construction meeting with key consultants and the subcontractors to determine the strategies to implement the Owner's environmental goals for the project.
- **Design guidelines/Master Spec:** The GrEn-Spec Master specification included the applicable LEED™ and sustainable requirements.
- **Green O & MS:** City of Apache Junction is the building owner and manager and will use green operation principles in the on-going operations 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.

Architect: Dick & Fritsche Design Group, Phoenix, AZ.

LEED CERTIFICATION ACHIEVED: .LEED-NC v2.1 Certified, April 26, 2006