



**FreeLife International  
Headquarters  
Phoenix, AZ**

**28%** of site as landscaped area

**408k** gals. water saved annually

**295** tons of construction waste diverted

**LEED Facts**

FreeLife International Hdqrts  
Phoenix, AZ

LEED - New Construction V2.2  
Certification Awarded June 15, 2010

**SILVER 33\***

Sustainable Sites 9/14

Water Efficiency 3/5

Energy & Atmosphere 5/17

Materials & Resources 5/13

Indoor Environmental  
Quality 8/15

Innovations & Design 3/5

\*Out of a possible 69 points

The information provided is based on that stated in the LEED® project certification submitted to USGBC and Chapters do not warrant or represent the accuracy of this information. Each building's actual performance is based on its design, construction, operation and maintenance. Energy efficiency and sustainable results will vary.

# FreeLife International Headquarters

## PROJECT BACKGROUND

FreeLife International's new headquarters was designed and constructed in conjunction with their corporate headquarters relocating to Phoenix. The 72,000 S.F. three-story building features a show lobby with the ability to provide a walking tour for visitors; showcased on the tour path are the R&D lab, an AV display of FreeLife's history and international presence, a view into the customer service center, and a finale into the retail store. The building also houses a training facility complete with catering kitchen. Office, conference, and support spaces for FreeLife's staff complete the remainder.

## SUSTAINABLE STRATEGIES

- **SS** - The project is in a developed area, and focused on being a good neighbor. 28.1% of the site is open landscaped space, creating a spacious feel. In addition, minimum light levels spill to neighboring properties. The site is friendly to employees as well, including over 200 covered parking places under highly reflective roofs, easy access to bus lines, and shower/changing rooms for bicyclists.
- **WE** - Carefully selected plumbing fixtures provide 213,281 gallons projected annual water savings, and desert-friendly native plants will save an additional 194,252 gallons annually.
- **EA** - Having a commissioning agent on board from the start of the project enabled achievement of EA Credit 3, Enhanced Commissioning. FreeLife benefitted greatly from systems that operate easily and accurately.
- **MR** - On-site signage and education were provided for all subcontractors regarding LEED requirements. This resulted in extremely high compliance with the recycling program, for a total of 295.44 tons of construction debris diverted from landfills.
- **IEQ** - The team focused on the VOC content of all specified materials, and diligently reviewed product submittals during construction. The result was that the project achieved all four low-emitting materials points.
- **ID** - Capitalizing on our focus for a low-VOC environment, the team borrowed from LEED-CI to obtain one I&D point for low-emitting systems furniture.

## MEASUREABLE RESULTS

- Energy Savings : 31% energy savings predicted, \$66,247 cost savings annually
- Water Savings: 407,533 gallons annually predicted

## SUSTAINABLE DESIGN CHALLENGES

The project achieved credit SS 7.1, Heat Island Effect Non-Roof, via covered parking stalls on over 200 parking spaces on-site. The standard roof covering applied to these structures did not meet Energy Star requirements, so the project team worked with the vendor to secure alternate roof covering materials.



Photo by Liam Frederick Photography courtesy Deutsch Architecture Group



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## PROJECT TEAM

**Owner:** FreeLife International  
**Architect:** Deutsch Architecture Group  
**Civil Engineer:** Erickson Meeks Engineering  
**Structural Engineer:** Simply Structural  
**Mechanical Engineer:** Taylor Rymar Corporation  
**Electrical Engineer:** Taylor Rymar Corporation  
**Contractor:** Sundt Construction  
**Landscape Architect:** Gilmore Parsons  
**Project Developer:** Carlson Real Estate

**Project Size:** 72,000 S.F.  
**Site Size:** 5.45 acres  
**Construction Cost:** \$13,000,000



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