

POWER TO PERFORM



Las Vegas Springs Preserve, Las Vegas, NV. Owner: Las Vegas Water District. Architect: Tate Snyder Kimsey Architects, Poggmeyer Design Group and C+B Nevada. General Contractors: J.A. Tiberti Construction and Whiting-Turner Construction Co.

LAS VEGAS, LAS VEGAS SPRINGS RESERVE

PLATINUM LEED PROJECT



The Las Vegas Springs Preserve is a 180-acre cultural and historical attraction designed to commemorate Las Vegas' dynamic history and provide a vision for a

sustainable future. The \$250-million project includes the new eight-acre botanical garden, an outdoor amphitheater with 1,800 seats, a 2.5-mile trail system, 250 species of wildlife, interactive galleries, a children's playground, the Nevada State Museum (under construction) and guest services including a restaurant and gift shop.

Helix Electric designed and installed solar lighting systems for the garden paths and the parking structures, where the solar panels serve a dual purpose: lighting in the evening and shade during the day. A case study for continuous education, the Helix team learned how to construct electrical in straw-bale walls and earth-rammed walls.

Helix's participation in the construction of the fifth platinum LEED project in the country was recognized by the Las Vegas Associated Builders and Contractors ("Excellence in Construction 2007" for an Electric-Commercial Project over \$2 Million) and Southwest Contractors ("Public Project over \$10 Million 2007" and "Public Green Building Project 2007").

HELIX ELECTRIC

AREAS OF EXPERTISE

Private Projects

- Assisted Living Projects
- Casinos
- Commercial Projects
- Entertainment Centers
- High Rise Structures
- Hotels
- Medical Centers
- Movie Theaters
- Office Buildings
- Residential Multi-Family Projects
- Retail Shopping Centers

Public Projects

- Airports
- Call Centers
- Civic/Convention Centers
- Hospitals
- Military Construction
- Prisons
- Schools and Universities
- Stadiums
- Transportation Projects
- Underground Distribution
- Waste Water Treatment Plants



Terranea Resort, Palos Verdes, CA. Owner: Long Point Development. Architect: Scheurer Architects, Inc. General Contractor: Turner Construction

PALOS VERDES, TERRANEA RESORT

OCEANFRONT LUXURY

Located on the magnificent Palos Verdes peninsula, Terranea Resort is the first and only luxury oceanfront resort in the upscale area. Slated to open mid-2009, the 582-room hotel includes guestrooms, suites, bungalows, casitas and villas and a host of world-class amenities. The resort features a 25,000-square-foot oceanfront spa; a nine-hole, par three golf course; three swimming pools; 63,000 square feet of indoor meeting and event space and 75,000 square feet of outdoor venues with breathtaking ocean views.

Helix has three contracting assignments on Terranea; the casitas, villas and the site work. Electrical work on the casitas and villas — 32 two-story high-end condo units with parking garage — includes the installation of meter centers, house panels and unit panels, unit feeders and branch wiring including switches, receptacles and lighting fixtures. Site work projects involve installation of lighting, six irrigation controllers and two air compressors all powered from villa and casita house panels. Installations include trenching, conduit and wiring.



HELIX ELECTRIC INC

8260 Camino Santa Fe, Suite A
San Diego, CA 92121



NORTHERN CALIFORNIA, UC DAVIS HEALTH SYSTEM EDUCATION BUILDING ILLUMINATING MEDICAL TRAINING



UC Davis Health System Education Building, Sacramento, CA. Owner: University of California, Davis Medical Center. Architect: Carrier Johnson, San Diego. General Contractor: Sundt Construction, Novato/San Francisco

The UC Davis Health System Education Building is a 122,000-square-foot teaching and student services facility. Open since January 2007, the new building provides space for classrooms, an expanded library, lecture halls, conference rooms and computer labs. The Dean of the School of Medicine has offices in the new complex along with a variety of student support services.

Helix Electric was responsible for the heart of the project — a sophisticated electrical system that integrates power, lighting, communications, audio/video and security. Included in the project were 480-volt main switchboards, panelboards, ATS, a Lutron dimming system, telephone, data and audio/video raceways, fire alarm and security systems.

LAS VEGAS, CONGREGATION NER TAMID

AT HOME IN HISTORIC SYNAGOGUE

Helix Electric stepped up to a unique project — preserving sacred, historical elements of Congregation Ner Tamid during the construction of its new synagogue. The project included installation of very modern amenities in the reconstruction and expansion of a synagogue that is home to thousands of years of worship and tradition: an audio/visual system in the 360-seat main sanctuary; a two-story school; a commercial kitchen; a meditation garden; Holocaust memorial; and an outdoor amphitheater.

The challenge throughout was to install state-of-the-art electrical systems that enhance the worship experience in a peaceful and reverent atmosphere, ensuring that the systems themselves are at no time distracting.

The Congregation Ner Tamid project was recognized with the Las Vegas Associated Builders and Contractors "Excellence in Contracting 2007" Award for an Electric-Commercial Project over \$2 million.



Congregation Ner Tamid. Owner: Congregation Ner Tamid, Henderson, NV. Architects: YWS Architects. General Contractors: Isaac Building



Alta Phoenix, Phoenix, AZ. Owner: Wood Partners. Architect: Womack + Hampton Architects, LLC. General Contractor: Wood Partners

ARIZONA, ALTA PHOENIX STANDING OUT UPTOWN

Alta Phoenix is a high-visibility apartment and mixed-use complex in downtown Phoenix. A standout project-in-work in the heart of this attractive and booming part of the city, Alta makes the statement that Helix Electric has established itself as a design/build leader in the "Valley of the Sun."

The scope of work includes the installation of a complete electrical system for the main building and public areas that includes lighting, power, telephone/data hook-ups and audio/video systems.

The project started in April 2007 and is scheduled for completion in December 2008.

HAWAII, RITZ CARLTON

A JEWEL ON MAUI

Helix Electric tackled this remodel/condo conversion and expansion project with gusto: Helix and General Contractor Ledcor U.S Pacific successfully completed the work in less than six months. A large, multi-faceted project, the Ritz-Carlton, Kapalua work included remodeling 320 hotel rooms; converting another 270 hotel rooms into 107 two- and three-bedroom condominiums; and expansion of public spaces, including the lobby and bar, three restaurants, fitness center and spa.

Project Manager Kerry Frost attributes the efficient project execution to the skills of his crew and the teamwork provided between the local administrative and home office personnel. By deploying these talents, the team was able to coordinate the rapid flow of documentation, discovery and ever-changing field conditions for this fast-track project.

The Ritz-Carlton, Kapalua. Owner: Gencom Group, Boulder, CO. Architect: SB Architects, San Francisco. General Contractor: Ledcor-U.S. Pacific Construction, LLC.



CONSTRUCTORS • ENGINEERS • WINTER 2008
HELIX ELECTRIC INC