



LAS VEGAS, UNLV GREENSPUN COLLEGE OF URBAN AFFAIRS
A GOLD LEED PROJECT



The Greenspun College offers unparalleled opportunities for students who want to make a difference in their communities and in the lives of others. So it is fitting that this project includes noteworthy features that will benefit the environment as well as the students and faculty using it. A Leadership in Energy and

Environmental Design (LEED) project, the new College of Urban Affairs building will be home to classrooms, an auditorium, two television studios, a radio station and offices. The LEED designation is the result of a Green Building Rating System, which gauges building sustainability and efficiency through the use of alternative and renewable energy technologies. Innovative energy features for the building include chilled beams for heating and cooling, extensive use of natural light and a comprehensive photovoltaic array that will account for more than 15 percent of the total annual energy.

In addition, Helix is providing fire alarm, a value engineered lighting system, UPS, general set theatrical lighting, rigging and an air acuity system, which detects unhealthy chemicals in the building.

University of Nevada Las Vegas, Las Vegas, NV. Owner: State of Nevada Public Works Board. Architects: HKS Architects, Inc., Robert A M Stern Architects. General Contractor: Clark Construction

ARIZONA, X (TEN) LOFTS
LUXURIOUS AMENITIES

Construction is complete on X (Ten) Lofts in downtown Scottsdale. This four-story, 82-unit condominium complex features amenities that include oversized balconies, refrigerated wine storage, open floor plans, pool, spa and a clubhouse. As a subcontractor,

Helix Electric's work included interior and exterior wiring, light fixtures, building switch gear and electrical utilities. With cooperation among the subcontractors and the general contractor, the project was completed on time and on budget.

X (Ten) Lofts, Scottsdale, AZ. Owner: Osborn III Partners, LLC. Architect: Todd & Assoc.. General Contractor: Summit Builders Construction Co.



Carlsbad Ranch Resort Center, Carlsbad, CA. Owner: Grand Pacific Carlsbad Hotel, LP. Architect: Nogle Onufer Associates. General Contractor: Davis Reed Construction, Inc.

SAN DIEGO, CARLSBAD RANCH RESORT CENTER, PHASE I
BEST OF BOTH WORLDS — BUSINESS AND TOURISM

Located on 15 acres at the crossroads of Carlsbad's tourism and business districts, Carlsbad Ranch Resort Center, Phase I opened in March 2008. The project included 250 guest rooms, including 13 suites and 25,000 square feet of meeting and conference facilities.

A subcontractor on the project, Helix Electric worked around one of the major challenges: some of the decorative fixtures weighed more than 500 pounds each, making it necessary for Helix to design the structural and seismic support system before the electrical wiring could be completed.

NORTHERN CALIFORNIA, SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT
STRIVING TO BECOME A LEED

The Sacramento Regional County Sanitation District (SRCSD) is building its new Building and Corporation Yard with environmentally sustainable features. The goal of the project is to obtain a minimum of a silver certification in Leadership in Energy and Environmental Design (LEED) through the implementation of water-efficient landscaping, fixtures that promote reduced water use, under-floor air distribution and increased natural lighting. The project encompasses four separate concrete tilt-up structures on 22 acres. For the office complex, Helix Electric is installing underground main utilities and joint duct banks/vaults for cable, telephone and power. The warehouse features 100-KW photovoltaic cells on the roof to supplement electricity. The 5,000 square-foot central plant includes a 300-KW back-up generator, cooling towers and chiller units. The SRCSD project is scheduled to be complete in the fall of 2008.



Sacramento Regional County Sanitation District, Sacramento, CA. Owner: Sacramento Regional County Sanitation District/County of Sacramento. Architect: Williams & Paddon. General Contractor: SJ Amoroso Construction, Inc.

CONSTRUCTORS • ENGINEERS • SPRING 2008
HELIIX ELECTRIC INC

POWER TO PERFORM



LOS ANGELES, 717 NINTH RESIDENTIAL TOWER, URBAN ELEGANCE

Helix Electric is a prime contractor on this design/build high-rise residential building in downtown Los Angeles. The project is expected to meet LEED standards under the city of Los Angeles's Green Building Project, which is based on the nonprofit U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) rating system.

717 Ninth Residential Tower consists of 214 units on 35 floors. The building is being constructed on top of one level of underground parking and six levels of above ground parking. The first floor will feature a restaurant and other retail establishments. Seventh floor amenities will include a health club, outside pool with city views and a fully furnished lounge. Living units span the seventh to thirty-fourth floors, with penthouses on the top two levels.

The building has a unique design feature: Mambo Architecture designed an eighth-floor observation bridge that allows residents to view the city while suspended over the street below.

Helix will be installing all power, lighting, fire alarm, security, telephone and TV in the structure. All members of the team are participating in weekly design coordination meetings to implement prefabrication techniques to boost production time and decrease cost.

*717 Ninth Residential Tower, Los Angeles.
Owner: Meruelo Maddux.
Architect: Mambo Architecture.
General Contractor: KCS, Inc.*

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



*Ronald McDonald House, San Diego, CA. Owner: Ronald McDonald House Charities.
Architect: Joseph Wong Design Associates. General Contractor: Douglas E. Barnhart, Inc.*

SAN DIEGO, RONALD MCDONALD HOUSE

HELIX ELECTRIC IN THE COMMUNITY

Ronald McDonald House in San Diego has provided a temporary home for the families of children undergoing medical treatment at local hospitals since 1980. Today, the demand is such that approximately 100 families are turned away each month, forcing many to sleep in waiting rooms and dine on vending machine fare. But by March 2009, a 60,000-square-foot expansion will provide rooms to meet the demand.

Helix Electric is providing power and lighting for the project, which features 47 family-sized bed rooms — six with HEPA filtration systems to meet the needs of high-risk patients. Other aspects of the job include a commercial kitchen, recreation rooms, laundry rooms, classroom, faith room and workout facility. Helix employees, along with other members of the construction team, will be volunteering their services on Saturdays as an in-kind donation to the non-profit organization.



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