



Fahrenheit, San Diego, CA. Owner: CityMark Development Architect: Martinez + Cultri General Contractor: Turner Construction Company

TURNING UP THE HEAT IN DOWNTOWN SAN DIEGO

When completed in early 2006, the Fahrenheit loft development will be a striking new addition to the booming downtown San Diego ballpark district. Helix Electric has stepped up to the plate to complete design-build services for the 77-unit, seven-story concrete structure. Planned with the urban worker in mind, the building features urban design elements as well as a number of live/work residences.

Helix is tasked with outfitting the live/work units with all the power a modern office requires. In the planning and designing stages of the project, Helix determined these spaces would be best served through a combination of commercial and residential installation. This creative solution will allow Fahrenheit residents to enjoy the comforts of a living unit without losing any of the convenience of a typical office.

MAKING A WATERMARKE

In Fall 2004, Helix Electric completed a full spectrum of electrical and systems installation for Watermarke Apartments & Townhomes. This upscale, contemporary residential project consists of two, four-story buildings with 535 units and a 1,100-vehicle parking structure. Residents enjoy an 8,000-square-foot clubhouse including an entertainment room, multi-media theater, high-tech business center, conference room, library, and kitchen with espresso bar. A separate building houses a 2,500-square-foot fitness center with lockers and tanning beds.

Helix's scope of work included a complete fixtures package for the clubhouse and fitness center

as well as recess and surface-mounted fixtures in the units. Helix also installed fire alarm, data and communications capabilities.

Helix completed the project on schedule and on budget — success that Project Manager Eugene Blyumin attributes to "a good crew, good leadership, and support from the office."



Watermarke Apartments and Townhomes, Irvine, CA. Owner: SRG Watermarke, LLC. Architect: John S. Garrison. General Contractor: Regis Contractors

UCSB NANOSYSTEMS INSTITUTE

BUILDING FOR THE FUTURE

California NanoSystems Institute is focused on making big discoveries from the smallest of materials. Nanotechnology is an umbrella term that covers many areas of research dealing with objects that are measured in a billionth of a meter, or a nanometer. The study of materials at the nanoscale will lead to great strides in 21st century science and technology. A technological undertaking of that magnitude requires a state-of-the-art facility. Helix Electric joined an effort to build that structure – the UCSB NanoSystems Institute building.

Helix Electric is directing the complex electrical work that will power the NanoSystems Institute building, including lighting, fire alarm, security, gas detection, telecommunications, and power supply.

Opening in early 2006, the building is a combination of 61,994 square feet of interdisciplinary modular research laboratories, as well as laboratories for sophisticated imaging, spectroscopy, and bio-nanofabrication. Clean rooms, cold rooms, chemistry facilities, conference and offices spaces



UCSB NanoSystems Institute, Santa Barbara, CA. Owner: University of California, Santa Barbara. Architect: Altoon & Porter Architects. General Contractor: Hensel Phelps Construction Co.

and a three-story digital media sphere providing a 360-degree visual and audio environment round out the list of facilities.

According to project manager Jack Kaufmann, the Helix team is directing detailed systems coordination programs that utilize electronic drafting.



SMART BUILDING

Helix Electric continues to build its portfolio of downtown San Diego projects with the addition of Smart Corner, scheduled for completion in Spring 2007. Helix is performing design-build services for the full block, mixed-use development consisting of two sleek structures: one residential building and a mid-rise office building. The residential unit is a 19-story building housing 299 condominiums and ground floor retail. The five-story mid-rise building consists of 110,389 square feet of office space and ground floor retail. San Diego Trolley's College Station will bisect the two structures.

Though Smart Corner's proximity to the trolley station will be convenient for future residents, shoppers and office workers, it creates an unusual scheduling and construction situation. The adaptive Helix team is meeting the demands of the project with the usual formula of foresight, planning and resourcefulness.

"Careful coordination between the mechanical, plumbing and electrical teams will keep this project moving forward and on track," said Preconstruction Manger John Higham.

Smart Corner, San Diego, CA. Owner: Lankford and Associates, Inc. Architect: Austin Veum Robbins Partners. General Contractor: Hensel Phelps Construction

POWER TO PERFORM



UCLA Replacement Hospital, Westwood, CA. Owner: UCLA Contracts Administration. Architect: Perkins & Will, Inc. General Contractor: Tutor-Saliba-Perini, Joint Venture

UCLA REPLACEMENT HOSPITAL

QUAKE TURNAROUND

In 1994, the Northridge Earthquake caused significant damage to UCLA's old medical center structure. The new UCLA Westwood Hospital will be stronger. It is designed to hold its structural integrity, and remain fully operational against a high-magnitude earthquake. The Helix Electric team is working to ensure the building meets tough California standards.

Helix is carrying out all aspects of electrical construction for the 160,000-square-foot medical center, which is scheduled for completion at the end of 2005. Requirements for seismic anchoring

and bracing call for a special expertise that the Helix team can provide with know-how and proven methodology.

"The project management team is currently seventeen-strong and employs state-of-the-art information systems for document control, change order management, scheduling, quality control and CAD engineering," said Project Director Ed Noble. An important side note: Helix has performed more than 600,000 man-hours of work on the project without a single lost time accident – a remarkable record of safety for a project of this magnitude.

BLU

NOTE

K. Hovnanian has been building homes across the country since 1954, but Cortez Blu marks the company's first high-rise project in San Diego. Helix Electric was selected to meet the building's design-build electrical needs.

Designed by downtown architectural veterans Martinez + Cutri, Cortez Blu rises 22 stories and houses 67 luxury condos, with four levels of subterranean parking. Helix is in charge of electrical engineering and construction support for the power, lighting, fire alarm, communication/data infrastructure, and security and access control systems.

Cortez Blu, San Diego, CA. Owner: K. Hovnanian. Architect: Martinez + Cutri General Contractor: Turner Construction



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



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METROPOLIS

CITY LIGHTS

Located just off the Strip in Las Vegas, Metropolis Lofts and Flats is an 18-story residential building. When completed in June 2005, the turn-of-the-century art deco building topped with stainless steel and neon lights is sure to turn a few heads. Helix Electric is responsible for power distribution, the emergency generator, branch lighting and power, CCTV, and fire alarm, telephone and security systems.

Metropolis, Las Vegas, CA. Owner: Vegas Venture Partners, LP. Architect: WPH Architecture. General Contractor: Residential Constructors, LLC

