FISK SAN ANTONIO MAKING THE LARGEST EVEN LARGER

Photo courtesy of Aerophoto

FORT SAM HOUSTON, SAN ANTONIO, TEXAS

The US Army has held presence in San Antonio since 1845 when it repaired the Alamo structure and added a roof to allow its use as a headquarters. In 1876 the Army began migration to the present site of Fort Sam Houston. The site has grown to nearly 3,000 acres today and contains more than 900 buildings. In 1975, the post was designated a National Landmark. In fact, it is the largest collection of historic structures at any US Army base.

At the end of the Second World War, the Army decided to make Fort Sam Houston the principal medical training facility for the Army. Today, Fort Sam Houston is the largest and most important military medical training facility in the world. Fisk San Antonio is actively involved in the construction of three more buildings at the Post.

A design/build team including Saterfield & Pontikes (GC), Burns McDonald (AE firm), and Fisk Electric was selected to provide these new facilities. The Primary Care Clinic will contain 132,000 square feet to house the examination area, radiology rooms, pharmacy, laboratory, food shop, and numerous conference areas. A LEED Silver Certification is the goal for the project. Fisk San Antonio will provide design input along with the actual installation of the fire alarm, card access system, CATV raceway, Data infrastructure, and all the electrical installation. Completion is scheduled for 2011.

Located just blocks away, The Medical Education and Training Campus Buildings 3 and 4 are being designed and built by the same design/build team. The buildings will contain 193,000 square feet and 252,000 square feet respectively. These buildings will be used to facilitate training for basic and specialized medical education for members of the Army, Navy, and Air Force. Building 3 will house surgical training suites, radiological training suites, laboratory training rooms, and classrooms. Building 4 will house an auditorium with a theatrical lighting system, a television studio, classrooms, and training laboratories. Silver LEED certification is also the target for these two buildings.

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RECENTLY AWARDED JOBS INCLUDE...

Fisk serves clients throughout the United States in several major market sectors including: healthcare, commercial, industrial, hospitality & gaming, sports & entertainment, data service, religious, educational and governmental. Proud of its past and excited about its future, Fisk is constantly seeking new opportunities to build projects as well as relationships that will withstand the test of time. Following is a sample of some of the projects recently awarded to Fisk.

Project	Location	Scope	Description
American Maritime Officers Nat'l Headquarters	Miami, FL	10,000 sf	New Main Office
Boeing North Ramp Power	San Antonio, TX	North Tarmac	Ramp Power Expansion Power Upgrade for Reworking Military Aircraft
Chevron Texas Office	Houston, TX	625,000 sf	14 Floors of Tenant Build Out
City Center - Coffee Shop	Las Vegas, NV	15,000 sf	New Restaurant and Kitchen
City Center - Aria Retail Mall	Las Vegas, NV	25,000 sf	New Tenant Build Out
City Center - Haze Nightclub	Las Vegas, NV	9,500 sf	Low Voltage System
DCCCD Mountainview College	Dallas, TX	56,000 sf	Renovation - Fast Track Construction
Dell Lean Line Projects	Austin, TX	Parmer Campus	Moving Process Line from Other Facilities
First Baptist Church	Melissa, TX	28,000 sf	Office/Classroom Design/Build
Merrill Lynch	Miami, FL	67,000 sf	Palm Beach, Gardens Branch Offices
Methodist Hospital	San Antonio, TX	40,000 sf	Replacement of Chiller, Switch Gear, Power and Controls
Miami Main Library	Miami, FL	200,000 sf	Replace Fire Alarm Systems
Mt. Sinai Medical Center	Miami, FL	12 Buildings	Replace 13,000 Fire Devices
Texas Children's Hospital Maternity Center	Houston, TX	1,248,200 sf	14 Floors - Pediatirc Advance Care for Children
UTMDACC Center for Advance Biological Research	Houston, TX	315,000 sf	Advanced Biomedical Imaging Research Building

VERTICAL CHALLENGES CONTINUED FROM FRONT

diabetes, asthma, and infectious diseases. At the expanded facility, researchers will focus on studies that will rapidly translate novel cell and gene therapy protocols directly from the laboratory to the patient. This center will also serve as a site for specialized education and training. The lives of many children will benefit from the knowledge gained at this state-of-the art research facility.

FISK IS COOKING

The Fisk Gamblers, our own BBQ cook-off team from Houston, placed 1st in the Open Meat Category at the annual Spaw Maxwell cook-off event held in Houston, Texas on February 12th of this year. The team includes chief cook and bottle washer Richard Oliver, Charles Jordan, Adam Althouse, Eric DerryBerry, Bill Brogden, Laura Cropper, Rubie Chavez, Tamberly King and Jorge Guerrero. In addition to Fisk, team sponsors included Graybar, CSC and Chatsworth.

PICTURED ARE RICHARD OLIVER (TOP), RUBIE CHAVEZ AND TAMBERLY KING (BOTTOM).

LARGEST EVEN LARGER CONTINUED FROM INSET STORY

Fisk is providing design input and the actual competed electrical systems for these buildings which includes extensive modeling and coordination using building information modeling (BIM). Fisk and the other team members have used the BIM process to save time, identify conflicts, and significantly improve the coordination process. Completion date is August 2010.

FISK'S "THREE AMIGOS" CATCH THE BIG ONES

PICTURED ARE GAYLON JONES - 23 POUND PEACOCK BASS (TOP-LEFT), ORVIL ANTHONY 23 POUND PEACOCK BASS (TOP-RIGHT), AND PAT CLYNE - 26 POUND PEACOCK BASS (ABOVE). THE CURRENT WORLD RECORD PEACOCK BASS IS 26 1/2 POUNDS.

FISK MOBILIZES TO AID IN HAITI RELIEF EFFORTS

In an effort to help with earthquake recovery efforts Fisk quickly mobilized to place electricians in Haiti. A primary goal was restoration of electricity to airport facilities. Fisk personnel worked efficiently to restore power. They continue to help with recovery efforts where possible.

FISK MIAMI FOREMAN TERRY SMITH IN HAITI WORKING TO GET POWER RESTORED AT THE AIRPORT

For suggestions, comments or questions about the newsletter, please send your correspondence to **editor@fiskcorp.com**. If you have a story idea – we would love to hear from you as well.

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Fisk Currents

FISK HOUSTON ACCEPTS VERTICAL CHALLENGES

The addition of eight floors to an existing twelve story medical research building in the heart of the Texas Medical Center, while keeping all activity in the existing building in operation, takes an enormous amount of planning, organizing, coordination, and teamwork. Fisk Houston performed an important role in this challenging endeavor. The vertical expansion of the Feigin Center is the first project of the Texas Children's Hospital Vision 2010 expansion program now underway. More than 200,000 square feet of space was added for research laboratories, clinical research offices, and a simulation training center. The new 20-story building sets the tone for the Texas Children's Hospital campus.

Feigin Center is a vivid example of adaptive reuse of an existing building. It was constructed originally as a clinical building then converted to a 12-floor research building and now expanded to a 20-story medical research building. The original building design included easily convertible floor plans, generous floor-to-floor heights, and ample structural support, which allowed eight floors to be added.

Extensive use of computerized Building Information Modeling Systems (BIM) by Fisk and the rest of the design and build team proved to be a valuable tool that saved time and money for the project. The existing electrical riser closets were not large enough to handle the increased electrical loads for the new floors. Fisk used BIM to identify and coordinate new riser locations in the most efficient configuration while taking into account the needs of mechanical, architectural, and structural systems. All this expansion, as well as renovations in the existing lower floors, was accomplished while keeping the building in operation – including elevators, exhaust systems, air handling systems, lighting, and power.

TEXAS CHILDREN'S HOSPITAL FEIGIN CENTER HOUSTON

Fisk was able to rely on experience gained earlier with this same team from the vertical expansion of the Texas Children's West Tower where fifteen floors were added to an existing five story hospital building in the Texas Medical Center.

Completion of the Feigin Center vertical expansion provides a world-class research facility that will house more than 120 investigators involved in nearly 800 research projects and clinical studies in areas including cancer, genetics, neurology, cardiology, neonatology,

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A MESSAGE FROM KEN

Fisk LEEDs the way in more ways than one. With the recent completion and receipt of six Leadership in Energy and Environmental Design (LEED) gold certifications by MGM Mirage's $8.5 billion City Center development in Las Vegas, Fisk Electric has demonstrated, on a grand scale, its commitment to and understanding of sustainable, high performance electrical construction practices. Fisk's City Center venues covered by the certifications include the two 4,004-room Aria hotel towers and the Aria's Convention Center and Theater.

The magnitude of the experiences provided Fisk, while working on these venues over the past three and one half years, has proven invaluable – as seasoned Fisk employees knowledgeable in LEED recommended construction practices are now being incorporated into other Fisk operating units across the nation.

Although sustainable, high-performance buildings do not have to be LEED certified, more and more developers and owners are requiring that projects incorporate sustainable design and construction practices that are best quantified and evidenced by LEED certification. At Fisk we are excited to work on projects, such as City Center, where the delivery method as well as the project team focus on sustainable, high performance "green building" design and construction practices that result in LEED certification.

Due to increased utilization of the LEED rating system in both the public and private building sectors, LEED experience, understanding and ability have become "best in class" differentiators among the leading electrical contractors in the nation. Understanding the concepts of LEED and sustainability are one thing, but understanding the concepts of LEED construction practices and incorporating them into an owner's desired level of sustainability within the confines of a budget is an entirely different matter. I am confident to say that Fisk has successfully proven that it understands the difference and has routinely assisted owners in meeting their objectives.

Successfully delivering on an owner's desired sustainability level within budget requires knowledge, competency, coordination, accountability and commitment by the general contractor, as well as the specialty contractors involved. It has been our experience that these can best be achieved when all parties are brought to the table in a collaborative environment early in the process, and typically where the project delivery method incorporates design-build or design-assist delivery methodologies. With hundreds of projects across the United States, Fisk demonstrates its capability in these and other forms of project delivery on a daily basis…and we have been doing it successfully for almost 100 years.

KEN ORLOWSKI
President & CEO

Since I began this message commenting on City Center I thought it fitting that I end the same way. Although Fisk has been involved in landmark projects since its beginning, City Center was truly a once in a lifetime experience. With that, let me add my personal "thanks" to all the Las Vegas employees who made City Center happen and for providing Fisk, as well as me, the opportunity to be part of it.

FISK LAS VEGAS MGM GRAND OPENING

MGM MIRAGE'S CITY CENTER LAS VEGAS

In the Summer 2008 issue of Fisk Currents, the front page headline read "Fisk Nears Halfway Mark For MGM Mirage's City Center Las Vegas." Well, a year and a half later, City Center had its grand opening without a hitch on December 16, 2009. Fisk is proud to boast it was an integral part of this project as an electrical and structured cable contractor on numerous venues. City Center's massive scope covers 67 acres, includes 18 million square feet of building space and is the largest privately financed project in the history of the United States.

In order to complete its electrical and data cabling work, Fisk employed an average of 885 electricians on the project with as many as 1,811 employed during peak effort.

Extensive use of Building Information Modeling (BIM) and prefabrication techniques were significant contributors to the successful coordination, cost reduction, and schedule compliance achieved by the project. This is the largest project completed to date by Fisk in its 97-year history. Congratulations to the entire Las Vegas Fisk team who made this amazing feat possible.

FISK DALLAS CONTINUES TECHNOLOGY AND D/B PROJECTS

FIRST ASSEMBLY OF GOD CHURCH, VISALIA, CALIFORNIA

Fisk Dallas continues to grow their Design/Build resume with two new worship/assembly projects now underway. The First Assembly of God Church in Visalia is being designed by a team in Dallas consisting of the Goff Companies, general contractor; Basic Architecture; and Fisk Electric. Plans call for a 2,500-seat sanctuary, along with administration offices being built on an existing campus.

The second project is The First Baptist Church of Melissa in Melissa, Texas. The design/build team includes the Goff Companies, PSA/Dewberry architects, Polk Mechanical, and Fisk Electric. Plans include a 28,000 square foot new and renovated office/classroom addition with assembly rooms. The project is scheduled to be designed and built by December 2010.

Fisk Technologies Dallas has recently completed data cable installation for two data centers. Although both owners requested specific name anonymity, one is a national retail banking chain and the other a government agency. The banking chain project contained 32,000 strands of 10G multimode fiber and 40 fiber distribution cabinets. The government agency data center contained 2,300 Cat 5E cables and 100 patch panels. Both projects were completed in November 2009.

The banking center rollout included installation of Category 6 upgrades to 60 locations in the Dallas-Fort Worth region. Fisk provided a Project manager and team of 50 technicians to meet the two month completion schedule. Good organizational planning has the project nearing completion on schedule.

FISK NEW ORLEANS BRINGS NEW LIFE TO OLD LINES

When visiting New Orleans, take a ride on the historic streetcars on Canal Street and the St. Charles Avenue route. As the oldest operating streetcar line in the world, the Saint Charles Avenue street railway carries passengers daily through historic parts of New Orleans.

Service began in 1835 as the New Orleans & Carrollton railroad only after the New Orleans City Council resolved that the company “not leave obstructions of any kind in the way of traffic (horses at the time), and trains be restricted to four miles an hour.”

Through its contract with the City of New Orleans RTA, Fisk Electric completed reinstallation of the Traction Power DC Cable Distribution throughout the city. Cable installation is parallel and underground to the New Orleans Streetcar System tracks. The installation included nearly eleven miles of 1,000 Kcmil cable connected to the existing overhead Streetcar Catenary Distribution System. Along with its design build partners, Erico (Custom Cadweld Connectors), Raychem Corporation (Custom Splice Kits), and Rockbestos Surprenant Cable Corp, Fisk Electric installed the eleven miles of single conductor cable and made over 250 splice/terminations in less than the anticipated eight week shut down of the streetcar lines.

NEW ORLEANS STREETCAR

FISK BELIEVES IN SAFETY FIRST AND ALWAYS

As the start of a new year ushers in a new decade, Fisk embarks with a renewed emphasis on Safety. Safety has always been a cornerstone of our culture. At Fisk, the "process of safety" brings every employee together working to create a safe environment. An environment that protects our workforce adds value for our customers and strengthens our culture. It is an irrefutable fact that a safe workforce is an efficient workforce. Fisk invests hundreds of thousands of dollars each year in its "process of safety" educating employees, providing safe work sites (field and office), providing safe tools, and reinforcing a culture committed to safety. Our employees are encouraged to make safety an integral part of their lives both on and off the job. When safe work procedures are habit, everyone benefits – our employees, our customers and our Company.

A good safety record is an indication of the efficiency of a workforce and the quality of its work. It is an important factor in the selection process used by owners and general contractors on a daily basis. Fisk has worked hard to earn a safety record that favorably distinguishes it among its competitors. We are proud of this safety record and we thank our employees for their continuing efforts and ongoing commitment to improvement. Part of the thanks is manifested in our quarterly Safety First award distribution to our employees. The tools and equipment distributed as part of this program serve to reward safe practices and provide tools and instruments that assist in safer work. Besides being the right thing to do, the upside benefits associated with safe work practices and proper job planning are invaluable.

Also of prime importance in maintaining our "process of safety" culture is the commitment of our experienced workforce in helping direct the development of a positive safety attitude among new employees. One of the most important aspects of our "process of safety" is each employee's attitude toward safety because this dictates their approach to everyday work activities. Good or bad attitude is contagious and directly affects us and everyone around us. Knowing that our new employees will likely follow the lead of their more experienced coworkers, it is important that these coworkers set the right example in performance as well as attitude. If new employees see work well planned in advance with attention to safety, they will develop these habits. We must all take responsibility for setting appropriate examples for our coworkers. By doing this not only are we protecting the health and wellbeing of ourselves and our fellow craftsman on the job but we are also helping to ensure our livelihood by providing our customers with the value they have come to expect and deserve from Fisk.

It has been well documented that the single most important factor in preventing on job injuries is properly planning the work before initiating the work. This translates into identifying and understanding the steps necessary to perform the work without injury to anyone. It encompasses wearing personal protective equipment such as hard hats, safety glasses, gloves and earplugs, inspecting and maintaining tools, following rules and procedures, and avoiding taking chances or shortcuts. We must all remember that successful job performance hinges on our personal commitment to safely planning our work activities.

FISK MIAMI SAFETY MEETING

FISK NEW YORK - SEAFOOD IN THE SUBWAY

Three great things happened in 1913. The Wright Brothers made their famous flight, Fisk Electric was founded, and The Oyster Bar opened at Grand Central Station in New York City. Fisk New York recently completed a project at the famous Oyster Bar Restaurant involving replacement of the ventilation system that originated below the city's streets and terminated seven stories above at the top of the landmark building.

Ventilation in a public restaurant below grade is of prime importance. It was also of prime importance to keep the restaurant in operation.

The subterranean Oyster Bar has survived two major fires and continues to be a popular destination and meeting place for travelers and locals alike.

Challenges on this project included installing light and power in the existing seven- story airshaft as well as closing off the Park Avenue transverse to accommodate a crane needed to lift the permanent exhaust fan and a temporary fan into place. The temporary fan allowed the restaurant to continue operation while renovations took place above the cavernous vaulted ceilings. The temporary fan was removed after start-up of the permanent fan. Next time you travel to New York City, be sure to stop in for a bowl of chowder and raise a glass to toast the great beginnings of 1913.

THE OYSTER BAR NEW YORK CITY