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HARRIS HORIZONS

SPRING 2015

PLUMBING | PROCESS PIPING | HVAC | REFRIGERATION | CONTROLS | SERVICE | CONVEYORS | ENERGY SOLUTIONS

New Orleans VA Center



Image source: U.S. Dept. of Veterans Affairs

SAH to complete construction of VA Center

In June 2013, Superior Air Handling (SAH) was awarded a contract for HVAC systems in the new Veterans Affairs Center in New Orleans to replace the hospital damaged during Hurricane Katrina in 2005. The design/assist contract included four buildings including the five story inpatient building which was completed March 2015. The four story transitional living and the five story diagnostic and treatment buildings, and the seven story concourse are being constructed simultaneously.

“There’s no onsite storage for this particular project so it’s just-in-time fabrications and installation. The space we’re looking at is about 1.3 million sq. ft.,” said Craig Mickelson, senior project manager. “The key is planning and coordinating with the other half dozen trades on site in a space that large.”

The project includes fabricating and installing more than 2 million pounds of ductwork for air distribution systems

servicing four of the ten buildings. At its peak mechanical construction, Superior had approximately 100 onsite workers.

“In the current local labor environment, it is rare to see the level of productivity that these Superior employees were achieving. I just wanted to extend a thanks for having a program that is getting the job done for the project.” — Jim McCarty, Project Executive, Clark Construction Group

In cooperation with The MCC Group, Clark/McCarthy, and the design consultants, SAH’s design assistance helped contribute to bringing the New Orleans VA Center back within budget.

As a result, SAH’s BIM documents have become the construction record documents for state-of-the-art facility.

The VA Center is on track to be finished in June 2016.

Through its business units, Harris Companies has been part of multiple VA projects including the Las Vegas complex which was completed in September 2011 where Craig also served as the senior project manager.

The nearly \$33 million project included 1.9 million pounds of ductwork (fabricated and installed by SAH), 44 custom air handling units, 93 exhaust fans, and 1,315 terminal units. Staging the equipment and ductwork ahead of time allowed SAH to install the rooftop and mechanical areas at an unprecedented 44 pounds an hour! Clark/Hunt JV was the general contractor.

Another VA project has recently gone to Harris Mechanical Southwest. The VA Emergency Room Addition/Remodel in Phoenix consists of plumbing and HVAC for 13,000 sq. ft. of interior remodel along with a 9,333 sq. ft. addition to expand and improve the current ER space. [^]

PRESIDENT'S PERSPECTIVE



2014 is behind us and we are well on our way into 2015. Revenues grew in 2014 and it was another solid year for Harris Companies. For our industry, many areas of the country are seeing an active market with a lot of opportunity. Harris has been the beneficiary of this trend as well and our 2014 performance prepares us well to enter a period rapid growth in 2015.

Harris moved into 2014 with a record backlog and during the year it grew, bringing us into 2015 with yet another record. We see heavy concentrations of work in the San Francisco Bay area, the Twin Cities, and South Carolina as well as robust markets associated with most of our permanent locations.

As many of you know, each year Harris defines a Thematic Goal on which we focus the energies of the entire company. For the last two years (the first time a Thematic Goal has spanned two years), we focused on safety. Through that time, we saw significant reductions in our Recordable

Incident Rate (RIR). This journey will never end, but we feel we have made a positive and lasting impact on the culture of our organization.

This year we will focus on Delivering on Our Commitments. This goal is a reflection of our record backlog and anticipated growth. It's more about doing things better than about doing new things. We will be implementing tools to help our teams work more efficiently and collaborate better along with a few new processes to bring greater resources to our large project work.

Along with implementing tools to make us more effective we will be looking to bring new talent into the organization both to enhance current structure and to prepare us for the future.

It is a positive time for Harris Companies and I'm excited about what the future has to bring! [^]

Greg Hosch, CEO

GREEN SOLUTIONS

Nick Rosenberry, PE, LEED AP BD+C

Director of Sustainability, Business Development Manager, Industrial

Harris recently completed a 120,000 sq. ft. field house, lobby, and outdoor ice rink addition for the Bielenberg Sports Center in Woodbury, MN. The mechanical system utilizes a modular water-to-water geoexchange heat pump system for heating, cooling and ice making. Integrated into the 150 vertical borehole ground source loop are six pond heat exchangers, two energy recovery coils and 48 solar thermal panels to improve the overall efficiency of the system.

Work performed on this project also included the design and installation of:

- Eleven water-to-water nominal 60 ton heat pumps
- Pond loop system consisting of six 40 ton heat exchangers to assist in heat rejection during the summer months
- Twenty-four 4-pipe heating and cooling fan coils

Harris helped the owner work through the Energy Design Assistance program from Xcel Energy. As part of this process The Weidt Group, a third party energy consultant, was hired to evaluate the savings of this system.

Their findings showed an annual energy savings of \$167,500. Additionally, the energy savings from this system qualified for an incentive/rebate of \$177,000 from Xcel Energy. [^]

ZEROING IN ON SAFETY

Dan Kent

Corporate Safety Director

After a great turnout for this year's Kid's Safety Poster Contest, the team of judges had 34 posters among five categories from which to choose. Here are the results:

Ages 4 and under: Jameson Sellstrom, 4, (Scott Sellstrom, Superior Air Handling); Camille Reopelle, 3 ½, (Destry Reopelle, Harris Controls); Bridget Wilson, 3, (Jared Wilson, Harris Mechanical Intermountain)

Ages 5 + 6: Nora Autolick, 6, (Jon Autolick, Harris Mechanical); Gianna Sawyer, 6, (Jeff Sawyer, MFS); Eric Parry, 6, (Brett Parry, Wasatch)

Ages 7 + 8: Haley Atkinson, 8, (Michael Atkinson, Harris Controls); Kinsea Edstrom, 7, (Kari Wilson, HiMEC); Doris Arndt, 8, (Bryan Arndt, Harris Controls); Katelyn Zwiefelhofer, 7, (Harris Service St. Paul)

Ages 9 + 10: Emma Atkinson, 9, (Michael Atkinson, Harris Controls); McKinney Autolick, 9, (Jon Autolick, Harris Mechanical); Bria Nelson, 9, (Mike Nelson, MFS)

Ages 11 + 12: Noel Atkinson, 11, (Michael Atkinson, Harris Controls); Lily Wittek, 11, (Greg Wittek, Harris Mechanical); Aidan Connolly, 11, (Ryan Connolly, Harris Companies)

As a top priority at Harris Companies, safety is not only crucial in the workplace, it's vital at home, on vacation, at school... you get the idea. And it's never too early to start teaching the importance of safety in everything we do. Thanks for participating! [^]

Harris Mechanical Southwest

Luke Air Force Base
Glendale, AZ

Harris Mechanical Southwest was awarded four plumbing and HVAC projects at Luke Air Force Base including 30 single level apartments for the Temporary Lodging Facility; Building 936 F35 Training Facility; Building 915 Hanger Renovation; and a 42,462 sq. ft. FY 14 Squadron Operations Facility and Aircraft Maintenance Unit (AMU 3).

Banner Boswell Chiller No. 3
Sun City, AZ

Harris Mechanical Southwest has received its first project with Banner Health which includes the removal and replacement of a 750 ton chiller. All installations activities are scheduled to be complete before July 1, 2015.

Solana Reheater Replacement
Gila Bend, AZ

Harris Mechanical Southwest was awarded a contract for the removal and replacement of eight large heat exchangers for the Solana Solar Generating Station.

South Transit Facility
Phoenix, AZ

Harris Mechanical Southwest and FCI Construction have been awarded the City of Phoenix South Transit Facility Refurbishment Project. The scope includes a complete plumbing and HVAC renovation and upgrade to the existing South Transit Facility, which is used for dispatch and bus maintenance.

Harris Mechanical

Minnesota Multi-Purpose Stadium (MMPS)
Minneapolis, MN

The Harris crew (totaling 130+) is gearing up towards the summer peak. Several challenging areas are well underway including the event level utility corridor/main mechanical room; the lower suite, lower club and main concourse rough-in; the event, lower suite/lower club level AHU rooms; and upper bowl ductwork. Off-site plumbing, piping and sheetmetal fabrication at MFS continues to play a major role in streamlining our field installation. Completion for the project remains July 29, 2016.

Children's Hospital Interior Fit-up
Edina, MN

Harris Mechanical was awarded the Interior Tenant Fit-up project for Children's Hospitals and Clinics of Minnesota. Children's is consolidating several non-clinical administration offices into a 203,000 sq. ft. location in Edina, MN. The project includes the interior fit-up, data center, cafeteria, fitness facility, mechanical infrastructure replacements and upgrades, and a building controls system.

Harris Mechanical Intermountain

Thanksgiving Station — Building 4
Salt Lake City, UT

Harris Mechanical Intermountain has been awarded the new Thanksgiving Station Building 4 project, a 150,000 sq. ft. core and shell office building. The design/build project includes variable flow type mechanical system with construction to begin soon.

Superior Air Handling

V.C. Summer Nuclear Station
Jenkinsville, SC

Superior Air Handling will fabricate 1.3 million pounds of ductwork at the Zumbrota, MN facility. Installation of the ductwork, supports and equipment for Unit 2 began in January and work is scheduled to be completed in late 2018. It's the first non-experimental new reactor to start construction in the U.S. in 30 years.

HARRIS EMPLOYEE RECOGNITION

— Superior Air Handling —

2014 Innovation of the Year

Matt Lessel and Scott Sellstrom earned the Innovation of the Year Award for their fire smoke damper access door handle bit at the LPCH project. This has been used to speed up FSD testing with inspectors.

— RM Thornton —

MSR of the Year

Jon Weed, Energy Solutions Consultant, earned Mechanical Service Representative of the Year Award for 2014.

— Harris Service —

Rookie MSR of the Year

James Hansen earned Rookie Mechanical Service Representative of the Year Award for 2014.

PSR of the Year

Kevin Zwiefelhofer earned the 2014 Project Sales Representative of the Year.

— Harris Service Southwest —

Sales Team of the Year

The Sales Team of the Year 2014 goes to Harris Service Southwest.

Congratulations, everyone!

COMMUNITY

St. Jude's Radiothon

As the title sponsor, HiMEC helped raised just under \$1,500 during the two day St. Jude Radiothon in February at 102.5 The Fox in Rochester, MN.

Cooks for Kids

Ten volunteers from Harris Companies served roast beef, chicken nuggets, mashed potatoes, corn, fruit, and cookies on Thursday, April 2 at the Ronald McDonald House in Minneapolis, MN.

EMPLOYEE REMINDERS

What does safety mean to you?

Please email your response to marketing@hmcc.com. Replies will be posted on lobby monitors throughout the year.

HARRIS
MECHANICAL

909 Montreal Circle
St. Paul, MN 55102
651-602-6500
www.hmcc.com

HARRIS
SERVICE

909 Montreal Circle
St. Paul, MN 55102
651-602-6500
www.hmcc.com

HARRIS
CONTROLS

909 Montreal Circle
St. Paul, MN 55102
651-602-6500
www.harriscontrols.com

HARRIS
MECHANICAL

1925 South Milestone Drive, Suite E
Salt Lake City, UT 84104
801-433-2640
www.hmcc.com

HARRIS
SERVICE

1925 South Milestone Drive, Suite E
Salt Lake City, UT 84104
801-433-2640
www.hmcc.com

WASATCH
CONTROLS

1925 South Milestone Drive, Suite E
Salt Lake City, UT 84104
801-956-0465
www.wcontrols.net

HARRIS
MECHANICAL

2225 Parkside Lane
Phoenix, AZ 85027
623-344-1458
www.hmcc.com

HARRIS
SERVICE

2225 Parkside Lane
Phoenix, AZ 85027
623-344-1458
www.hmcc.com

HARRIS
MECHANICAL

2225 Parkside Lane
Phoenix, AZ 85027
623-344-1458
www.harriscontrols.com

HiMEC
MECHANICAL

1400 7th Street NW
Rochester, MN 55901
507-288-4000
www.himec.com

HiMEC
SERVICE

1400 7th Street NW
Rochester, MN 55901
507-288-7713
www.hmcc.com

HiMEC
CONVEYORS

1400 7th Street NW
Rochester, MN 55901
507-281-4000
www.himec-conveyors.com

RM THORNTON
MECHANICAL

120 Westhampton Ave
Capitol Heights, MD 20743
301-350-5000
www.rmthornton.com

RM THORNTON
SERVICE

120 Westhampton Ave
Capitol Heights, MD 20743
301-350-5000
www.hmcc.com

CAPITAL CITY
CONTROLS

120 Westhampton Ave
Capitol Heights, MD 20743
301-350-0241
www.capitalcitycontrols.com

SUPERIOR
AIR HANDLING

200 East 700 South
Clearfield, UT 84105
801-776-1997
www.superiorairhandling.com

HiMEC

1400 7th Street NW
Rochester, MN 55901
507-288-7713
www.himecathome.com

SUPERIOR
AIR HANDLING

500 22nd Street
Zumbrota, MN 55992
507-732-1300
www.superiorairhandling.com
www.midwestfabricationandsupply.com

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EMPLOYEE SPOTLIGHT

John Krhin

Operations Manager | Harris Mechanical Southwest

Born in Duluth, Minn., John Krhin has been with Harris Companies for nearly 12 years. He started in June of 2003 as a project manager/estimator and then moved into the chief estimator position after completing the Corn Plus Project.

“I’ve always loved the Twin Cities area. My company ended up securing a large boiler project in St. Paul where we hired Harris as a subcontractor for the project. Once I worked with Harris, I knew it would be a great move if the opportunity presented itself,” said Krhin.

As estimator, Krhin helped secure projects like the University of Minnesota TCF Bank Stadium, Otter Tail Ag, Corn Plus, and the BOP scope for the emissions upgrade at Xcel Energy’s Allen S. King Plant.

After a few years, he was looking to expand his role within the company in management. In the September of 2009, he got his wish and earned the title of operations manager of Harris Mechanical Southwest in Phoenix, Ariz.

“We’ve spent the last five plus years building a solid team of individual talent and personalities that reflect the core values of Harris and how we want to do business. It’s a matter of making our name known in the market place and developing new relationships

and then performing in a way that solidifies our opportunity for repeat business,” said Krhin.

And they’ve done just that. Harris Mechanical Southwest received a contract for the Solana Solar Generating Station meaning \$45 million of work in less than a two year time frame.



The Krhin Family

“We try to find larger, technically complex work and work that might have a value driven selection criteria other than low number,” he said.

Harris Mechanical Southwest is planning to expand into other southern states. In addition to Arizona, they are participating in a large project in California and plan to expand into Nevada.

The move from Minnesota to Arizona has been a good one for Krhin and his family. “I spend a lot of time fishing with the kids and year-round boating has become a big part of our lives. The nice thing is that Flagstaff is only a couple hours away so we also have the option of snowboarding during the winter months — just like in Minnesota,” he said. 