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HARRISHORIZONS

WINTER / 08

PLUMBING / PROCESS PIPING / HVAC / REFRIGERATION / CONTROLS / ELECTRICAL / SERVICE



“Building Quality Health Care Together” is the vision for the new St. James Health Services Medical Center in St. James, MN. The single story building took nearly seven years of planning and replaces the 50-year-old hospital that was previously serving the St. James community.

Since the construction of the old hospital, there have been significant changes in the way healthcare is delivered. Technology has advanced and more emphasis is given to outpatient care. It is also important to note that the St. James Medical Center is designated as a Critical Access Hospital due to the critical healthcare and economic well-being of the service area. Nearly 50 percent of the center’s patients are on Medicare and many have limited access to transportation, limited health insurance or health insurance with high deductibles. Critical Access Hospitals provide essential services to a community and are reimbursed by Medicare on a "reasonable cost basis" for services provided to Medicare patients.

Addressing many of these changes, the new 52,400 sq ft. medical center now offers both emergency and hospital services and houses a clinic, office space, patient beds and a rehab center. HiMEC and Harris provided the design and installation of the HVAC, piping, plumbing and med gas systems for the project and Harris Controls provided KMC temperature controls.

The clinic doubled the number of exam rooms and provides appropriate space for same-day surgery and outpatient procedures. Patient rooms are standardized to ensure that the staff can easily access anything from hand sanitizing to medical gases in the same location in each room. The layout of the building puts work areas in close proximity to services such as lab and x-ray. The facility also focuses on natural lighting, enhanced patient safety and easy access to equipment for staff.

For this design/build project, HiMEC installed four rooftop air-handling units to bring air in and out of the facility. Med gas

and full lavatory amenities were installed in each of the patient rooms and piping was placed to accommodate these systems. To heat the hospital a dual fuel boiler system powered by natural gas and backed up by two underground storage tanks containing fuel oil was installed. To cope with the harshness of the local water, a water softening and reverse osmosis system was installed.

Since the construction of the medical center, St. James is now better equipped to serve area patients and give them the best medical treatment they deserve. All aspects of the project were integral in the success of this project and we are proud to be a part of such an important addition to the St. James Community.

who's involved: HiMEC Mechanical

- Owner: **Mayo**
- General Contractor: **McGough Construction**
- Principal-in-Charge: **Rawley Brodeen**
- Engineer-of-Record: **Steve Lutz**
- Project Manager: **Ty Bestor**
- General Foreman: **John Pfeffer**
- Plumbing/Piping Foreman: **Bill Schendel**

EMPLOYEE SPOTLIGHT

Gift of Life - by Kelly Johnson

It's all smiles in the family photo to the right, but just a few months ago nervousness and intensity filled the faces of the Miller family as they waited for doctors to inform them that the kidney transplant from Kory Miller to his son Caleb was a success.

The entire ordeal started when Christy was pregnant with twins, Caleb and Colton. It was discovered that a flap of skin had grown over the outlet of Caleb's bladder, causing an obstruction that forced fluid to back up into his kidney. While still pregnant, and awake for the procedure, a long needle was inserted into Christy's abdomen and fluid was extracted from Caleb's back to determine kidney function. After careful review it was concluded that the kidneys were properly functioning, however the blockage to the outlet of Caleb's bladder forced the decision to deliver the twins early. On April 24, 1997, Christy underwent a c-section and delivered the boys 7-1/2 weeks premature. Both boys remained in St. Mary's neonatal intensive care for just under a month.

Shortly after his birth, Caleb underwent a procedure to relieve the pressure on his bladder and kidney's. Six months later another surgery was performed to turn the flap away from his bladder. The surgeries were a success and Caleb enjoyed good health for ten years. He was seen every six months to keep an eye on his kidney function, but doctors warned the Millers that at some point Caleb might require a kidney transplant, as his kidneys were not functioning at 100%. According to Kory, this could be expected sometime around his late teens or early adult-hood. However, at one of his recent routine check-ups it was revealed that his creatinine count, a waste product in blood and urine, was extremely high. It appeared he was in kidney failure.

Holding back tears even now, Christy said, "Caleb took my hand and said, 'It's going to be all right, Mom. I'm not even that sick.' He was so strong, the strongest person I know...he is my hero."

An urgent need to find a donor ensued. Testing Kory, Christy and her brother, Jason, it was determined that Christy and Kory were suitable matches. It didn't take the Miller's long to decide who the donor would be. Kory's kidneys are larger, giving a greater chance at longevity and kidney function, coupled with the fact that Christy was the primary caregiver. Kory would be the donor.

The Millers prepared for the worst: Kory was to report to Methodist Hospital and Caleb to St. Marys for same day surgery. Before reporting in that day, Kory made one last trip to St. Marys. "I remember I went in around 5 that morning and gave Caleb a hug and a kiss and simply said, 'I'll see you in a few days,' Kory said slowly. "What else could we say?"

On September 6, 2007, when most kids are preparing for school, Caleb, 10, received one of life's greatest gifts, a kidney from his dad. With a husband at one hospital and a son at another, Christy turned to her family for help. She stayed at St. Marys with Caleb while Kory's sister Katrina stayed with Kory and kept in touch via cell phone. "I've never prayed with that much intensity," said Christy. "It was the longest day of my life. After Caleb was stable, I left to visit Kory at the other hospital."

Caleb suffered a few setbacks after the surgery with his blood pressure soaring so high they feared a stroke. This required another surgery to untwist a kink in a valve where the new kidney had been placed. Thankfully his blood pressure has returned to normal and both he and his dad are doing well. Due to a risk of exposure to anything that may compromise his immune system, Caleb remained at home with his mom Christy, who works as an aide for Stewartville Early Childhood Family Education (SECFE), until November 1st before joining his friends back at school. He will be carefully watched and will require lifelong medications to prevent organ rejection. Kory, a plumber-steamfitter foreman for HiMEC returned to work a few weeks after surgery.

As anyone can imagine, the financial obligations after health insurance are overwhelming. Family and friends of the Millers are throwing a benefit at the Stewartville Sportsman's Club on Saturday, April 19th from 3 pm-Midnight. Plans include a spaghetti dinner, silent auction, live auction and dancing. Music will be donated by Alan Reed's Total Music. Tickets are \$5 and can be purchased at the door or at the HiMEC office from Kelly Johnson. Monetary donations can be sent to: Eastwood Bank, Miller Benefit Fund, 119 First Street East, Stewartville, MN 55976.

Caleb will never forget the gift he received from his dad. "It was special," he said, "I'm happy I feel better. It hurts when I stretch. I can feel the scar." Then, looking toward his dad, Caleb said, "Dad, are you still sore?" Kory softly responded, "Still a little tender."



Colton, Kory, Christy, Caleb and Madeline Miller.



PRESIDENT'S PERSPECTIVE

2007 was another record year for Harris Companies. While we are still closing the books, revenues will be up almost 20% from 2006. We started a new company, Midwest Fabrication and Supply, in Zumbrota, Minnesota. In November we purchased Climate Control Inc., an HVAC contractor in Phoenix, Arizona. Clearly 2007 was a year of progress and change.

Our focus, or theme for 2007, was prefabrication. We spent a significant amount of time and effort looking for ways to fabricate more than we have in the past. In large part we were successful. I saw many examples throughout the year of items being prefabricated in the shop that previously had been built in the field. This is important progress, but we cannot lose focus; we need to continue the effort. With the small portion of hours spent in the shop, I know that there are still tremendous opportunities for more fabrication.

2008 will have a different theme. We will be focusing our efforts on energy and conservation. Specifically, how can we help our customers, as well as ourselves, reduce consumption while maintaining or improving the environment within their facilities? This emphasis on sustainability clearly aligns with our focus of

"Leadership through innovative and responsible solutions," and it gives us an opportunity to be creative as we look for ways to help our customers.

A focus on conservation has been growing within Harris through the years, and we have a rich history of projects built around conserving energy, converting biomass to energy, and cleaning water and natural resources. Our first step in continuing this progression will be to spend time with our customers trying to understand what words like "Green," "Sustainable," and "Conservation" mean to them, and how those concepts affect their business.

Part of this process is also improving our own operations. As we seek to measure ourselves we will certify our building under the LEED-EB Program, which provides us with a better understanding of the process and a way to quantify our progress. Between the construction of our new facility in Zumbrota to LEED requirements, the certification of our current building under the Existing Building requirements, and the several LEED projects we are currently building, we will become experts in this important standard.

Expect to hear more about conservation and innovation as we move through the year, it is an exciting opportunity for the Harris Companies!

SECOND STORY

Welcome to the Family

Climate Control - Phoenix, AZ

Climate Control, a full-service mechanical contractor located in Phoenix, AZ, joined the Harris Family in November 2007. This acquisition marks the fourth major market for Harris. We now have offices in St. Paul and Rochester, MN, Salt Lake City, UT, and Phoenix, AZ in addition to satellite offices in Northfield and Austin, MN.

Greg Hosch, president of Harris Companies feels this is a perfect match. "We're both companies driven by creativity, a desire to win, and to overcome obstacles to make it happen for our clients. While our company was founded in 1948, Climate Control was established in 2005 and has grown exponentially in that short time. They bring to us great people, assets and a wealth of knowledge of the local market. Climate Control also provides Harris Companies with a base in the nation's top growth market for commercial and industrial construction. In addition, many Harris Companies' clients have added Phoenix offices. Climate Control's location will provide even more efficient and effective service for these clients."

Climate Control has been serving the Phoenix area for three years and currently employs 20 people in the office and 100 people in the field. Their main focus has been on residential, which makes up 60% of their work. The rest is industrial and commercial projects. With a recent boom in commercial and industrial construction in the Southwest, Climate Control will focus its efforts on acquiring more projects in this sector.

Climate Control, located in Phoenix, AZ, is the newest addition to Harris Companies.

Adam Tilley, Chief Estimator for Climate Control, has recently secured a contract with D.L. Withers for Terra Verde, an office complex and parking garage, in Scottsdale, AZ. This is a major project for Climate Control and will be headed by Howard Baker, Senior Project Manager.

Paul Thornton, Climate Control's president, adds, "This is an incredible opportunity for Climate Control. We're the only union contractor in the state of Arizona who does both commercial and residential construction. With Harris Companies, we'll have all the tools and expertise of a company with 60 years experience at our disposal."

Climate Control's name and management will remain in place. Where there is duplication of services, new roles will be created to support anticipated growth in the Phoenix office.



LAYING THE FOUNDATIONS

HARRIS MECHANICAL

Harris is the construction manager for the **American Iron Metal Shredder Facility Project** in Minneapolis, MN. Harris will oversee the design and installation of the entire project. Scott Nitschke is the project manager. ● Harris is providing the HVAC, piping, plumbing and medical gas for the renovation and expansion project for **Fairview Red Wing Medical Center** in Red Wing, MN. Tim LaPlant is the project manager and M.A. Mortenson is the General Contractor. ● Harris is providing the piping, plumbing and HVAC for the **3M G3 Film Line** in Greenville, SC. Bob Detling is the project manager and Adolfson & Peterson Construction is the General Contractor.

HARRIS SPECIAL PROJECTS

Special Projects is upgrading the cooling tower system for **Land O' Lakes'** corporate headquarters facility in Arden Hills, MN. This design/assist project involves the replacement of existing cooling towers, condenser water pumps, piping and accessories with high efficiency equipment. Harris is working on the Project Team with representatives from Land O'Lakes and Michaud Cooley Erickson. Chuck Schmaltz is the project manager. ● Special Projects will be providing mechanical piping at the **University of Minnesota** as part of the **Medical Bioscience Building Infrastructure Project**. This project involves installing high pressure steam and condensate utilities in a new deep tunnel system adjacent to the TCF Stadium Project. Harris is working for Kraus-Anderson Construction Company on this very difficult project. Chuck Schmaltz is the project manager for Harris. ● Special Projects is performing mechanical work for Adolfson and Peterson on the **Honeywell CSP-RLG Project** in Coon Rapids, MN. This time-sensitive project involves reworking HVAC, plumbing and process systems as necessary for installation of a relocated production line. Travis Hoff is the project manager. ● Special Projects is working with Engelsma Construction on the **Sheraton Conversion Project** in Richfield, MN. This design/build project involves renovating the original Hampton Inn to comply with Sheraton design standards. Mike Biebl is the project manager for Harris.

HARRIS CONTROLS

Controls will be providing a complete replacement of the facility building automation system for the **Minnesota History Center**. The PM/Engineer is Chuck Sellner and the Electrical Foreman is Bill Stawikoski. Special Projects will perform mechanical aspects of the project. ● Controls will be installing an access control system for **Lifetrack Resources** in two of their facilities in St. Paul, MN. Dan Sellner is the project manager with support from Brian Cornelisse. ● Controls has secured multiple projects at the **Minneapolis/St. Paul International Airport** over the past few months. Ed Henkemeyer is the project manager and Ken Merrill is the electrician.

HARRIS SERVICE

Harris Service has recently secured maintenance agreements with: **5000 France Condos; Aberdeen Condominiums;** and **True Apostolic Church.** ● Service has secured Bundled Energy Solutions with: **Centennial Sports Arena** and **Randolph Public Schools.** ● Service will be providing a recommissioning study for **Lincoln Midway.**

HiMEC SERVICE

HiMEC has secured Preventative Maintenance Agreements with: **St James Medical Center** in St. James, MN; **Qwest Communications** - covering 44 locations in SE Minnesota; and **Aldi Foods** in Faribault, MN.



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Leadership through innovative and responsible solutions.

HARRIS/HIMEC HAPPENINGS...

- **Births:** **Tim** (Harris Sheet Metal Foreman) and **Julie Boudewyns** had a baby girl on October 24, 2007. **Randy** (Harris Executive Vice President) and **Peg Stewart** welcomed their first grandchild on October 26, 2007. Isabella Shirley was born to Doug and Colleen Stewart. **Randy** (HiMEC Sheet Metal Journeyman) and **Lori Jax** welcomed twin sons Lawson Leo & Royce Louis to their family on November 8, 2007. Lawson weighed 6 lbs 5 ounces and Royce weighed 6 lbs 1 ounce. **Ryan** (HiMEC Sheet Metal Project Designer) and **Sara Gillette** had fraternal twins on November 25, 2007. Betsy and Steven weighed 6 lbs a piece. **Nick** (Harris Controls System Specialist) and **Laura Cierzan** welcomed Samuel Nicholas to their family on January 12, 2008. Sam weighed 6 lbs 10 ounces and measured 20 ½ inches long. **Dave** (HiMEC Service Technician) and **Julie Wingert** had a baby boy on January 23, 2008. Nathan Joseph weighed 8 lbs 1 ounce and measured 19.5". **Jack** (Harris Director of Manpower) and **Sandy O'Brien** welcomed their first grandchild on February 7, 2008. Quinn Margaret was born to Sean and Ellie O'Brien, weighing 8 lbs 7 ounces and measuring 20 ½". Congratulations to everyone on the new additions to their families!
- **Michaela Ostertag** (daughter of Mike Ostertag, Harris Fitter General Foreman) received a scholarship from AGC of Minnesota for \$1250. Michaela is attending the University of Minnesota and will graduate with a degree in Landscape Architecture and a Minor in Business. Congratulations Michaela!
- Congratulations to **Donna Houck** (Harris Controller) on passing the Construction Financial Manager's Association Certified Construction Industry Finance Professional exam. Donna is now a certified CCIFP.
- **Steve Lutz** (Harris Manager of Engineering) has earned a Healthcare Facility Design Professional certification from ASHRAE. Congratulations Steve!
- The Sheet Metal Apprenticeship Region IV Contest was held in St. Paul, MN on January 18 & 19, 2008. **Erling Grant** and **Adam Plude** of HiMEC both competed. Erling placed 3rd out of 11 and had the best welding score, winning him a Lincoln welder. Plude place 7th out of 9. Congratulations to both!
- We would like to welcome the following employees: **Harold Wheeler** - Start-Up Engineer, Harris/St. Paul; **Dan Wahlman** - Safety Rep, Harris/St. Paul; **Jocelyn Hodapp** - Purchasing/Estimating, Harris/St. Paul; **Andrew Van Gimple** - Accounting Coordinator, Harris/St. Paul; **Maria Irish** - Office Administrator, Midwest Fabrication; **Bob Bottolene** - Sales Representative, HiMEC Conveyors; **Walter Crumpler** - Residential Project Manager, Climate Control; **Howard Bryant** - Sr. Project Manager, Climate Control; and **Michael Vella** - Branch Service Manager, Climate Control.
- HiMEC participated once again in the Salvation Army's Bell-Ringing Program. The kettles brought in more than \$206,000 for the 2007 Christmas season, \$30,000 more than 2006. All bell ringers that participated averaged nearly \$60/hr. and we thank those employees who donated their time for this worthy cause.
- Thank you to all the **Harris** employees that participated in the annual blood drive. We were able to donate 18 pints to Memorial Blood Centers, which services just the metro area. Way to go!

Please contact **Tricia Mathews** with announcements: (Phone) 651-602-6621, (E-mail) tmathews@hmcc.com.