

# PIPELINE

It's What's Inside That Counts

## UNIVERSITY OF MINNESOTA AMBULATORY CARE CENTER

The University of Minnesota and its patients can expect a new, state-of-the-art Ambulatory Care Center in March of 2016. The University of Minnesota Ambulatory Care Center (ACC) located on the east side of campus is 340,000 square feet and six stories tall with five stories of patient care space. It features over 30 specialty health care departments, two MRI rooms, two CT rooms and eight operating rooms. With a variety of specialists at one location, the care team will be able to collaborate together to treat each patient's requirements. Construction started in March of 2014 and completion is scheduled for the end of 2015. The first patients are expected in March of 2016.

A unique and energy-reducing mechanical infrastructure was utilized to temper spaces throughout the building. The mechanical infrastructure is called a chilled beam system. The system is comprised of 750 active chilled beams and is an energy-saving alternative to a typical chilled water loop system. A typical chilled water loop system runs cooled water at 45-50 degrees while a chilled beam system runs at 58 degrees. Having a higher temperature circulating through the system reduces the energy used by the district chillers. Also, the active chilled beams require less primary air delivered by the AHUs because the chilled beams induce airflow from the surrounding area to control the temperature in the space. Since less primary airflow is required, the energy consumption of the AHU supply fans is reduced.

The building also features seven air handling units, 49 fan coil units, eight heat exchangers, 31 pumps, a heat recovery chiller, radiant floor heating and cooling, over 300 med gas outlets, and over 800 plumbing fixtures. Over 425,000 pounds of sheet metal, 83,000 feet of mechanical pipe and 90,000 feet of plumbing pipe has been installed in the building.

MMC has worked hand-in-hand with McGough Construction, Affiliated Engineers, and Cannon Design for the length of the project. A huge thanks to the MMC project team for all their hard work: Project Managers Larry Rosenbower and Bob Van Ness, Assistant Project Manager Chris Szczeck, Plumber Foreman John Gurnoe, Pipefitter Foreman Greg Rosine, Sheet Metal Foreman Dewey Laudenbach, BIM Manager Mike Danelius, and BIM Coordinators Kip Olson, Dave Donovan and Jim Sicard.



### IN THIS ISSUE

Project Spotlight.....1

Mark's Message.....2

Fortune Bay Fishing and  
Golf Trip .....2

Fall Family Day Carnival.....2

Fun Facts.....3

Fifth Annual Oktoberfest.....3

Project Pride.....4

Employee Spotlight.....4



University of Minnesota  
Ambulatory Care Center



## MARK'S MESSAGE

Safety has always been a concern in this industry; it's an issue inherent to the business we're in. In a recent CBS News report, construction was ranked among the top 10 most dangerous jobs. The article cited an OSHA statistic stating that "more than 20 percent of private-sector worker fatalities recorded in the U.S. in 2013 took place on construction jobs." According to a report from the Bureau of Labor Statistics, "fatal work injuries in construction and extraction occupations increased five percent in 2014." Reports and statistics like these, point to just how prevalent of an issue safety is in this industry.



In a high-hazard industry like construction, safety is always going to be a factor. The pressure to achieve and maintain low EMRs and RIRs is high, and it should be. The safety of our employees is our greatest responsibility. At MMC, we continue to strive towards zero injuries for our people and for our partners. Using industry best practices from OSHA, we've been building a culture of safety that extends across our entire organization.

Our Safety Director Dan Pothan works with our Safety Committee to assess our efforts for continuous improvement. To develop a true culture of safety at MMC, we've focused on pre-planning, ongoing communication, and accountability across our office, field and fabrication shop.

Mark

## FORTUNE BAY FISHING AND GOLF TRIP

Over 90 of our foremen attended the annual fishing and golf trip at Fortune Bay Casino in Tower, MN. The group enjoyed two days of fishing, golfing and gambling. Congratulations to the following contest winners:

### Fishing

Biggest Bass: Nate Luc  
Biggest Walleye: Frank Novak  
Biggest Northern: Steve Trombley

### Golfing

Longest Drive: Brett Christensen  
Longest Putt: Nathan Appert  
Closest to the Pin: Nick Schroeder



## FALL FAMILY DAY CARNIVAL

MMC hosted a carnival themed Fall Family Day in September where all employees were invited to bring their families to the office for carnival games, attractions and food. Many kids (along with a few adults) had their faces painted and every kid went home with a MMC stuffed animal.



## FIFTH ANNUAL OKTOBERFEST

On October 1st, we held our Fifth Annual Oktoberfest. Our fabrication shop was completely transformed with lights, food, beverages and hand-rolled cigars. In celebration of our Fifth Annual Oktoberfest, we featured five specialty food trucks, five kinds of beer brewed by LynLake Brewery, five flavors of cookies and five flavors of popcorn. MMC's very own Pipefitter Norvy Donnohue fabricated an art piece during Oktoberfest in honor of the fifth annual event. The art piece is now hanging on a wall at MMC headquarters.

We want to thank everyone for coming out to celebrate with us! We invite you back for next year's Oktoberfest.

**SAVE THE DATE FOR MMC'S SIXTH ANNUAL OKTOBERFEST  
WHICH WILL BE HELD ON THURSDAY, OCTOBER 6, 2016.**

## FUN FACTS

Please join us in welcoming Project Manager Greg Zernechel to the MMC team!

Please join us in welcoming Purchasing Manager Brian Wallace to the MMC team!

Please join us in welcoming Assistant Project Manager Alvin Jansen to the MMC team!

Please join us in welcoming Assistant Project Manager Emily Smith to the MMC team!

Please join us in welcoming Project Accountant Melissa White to the MMC team!

Congratulations to BIM Coordinator Nick Fabio on his recent marriage! Nick and Molly were married on October 2nd at A'BULAE in St. Paul.

Congratulations to BIM Coordinator Dillon Stebbins on his recent marriage! Dillon and Emily were married on October 17th at Riley Jaques Barn in Eden Prairie.

Congratulations to Assistant Project Manager Don Ahlschlager and his wife, Heather, on the birth of their son, Cooper Joseph Ahlschlager. Cooper was born on September 10th weighing 8 lbs. 5 oz. and 20.5 inches long.

Congratulations to Project Manager Matt Wangerin on passing the American Hospital Association's exam to become a Certified Healthcare Constructor!

Congratulations to Nathan Lalum on becoming a Safety Trained Supervisor! Nathan recently completed all requirements for a Board of Certified Safety Professionals (BCSP) certification.



*"Great event that we look forward to every year."*

*"That was one heck of a party! Thank you so much!  
I'm getting a hotel room next time."*

*"My party and I had a great time last night. We want to thank you also for hosting the event. It is a real highlight of the year for me."*

*"Once again, another enjoyable MMC event! It's always fun to talk with old friends and meet new one's. Not only are you guys great at all things mechanical, but you really know how to put on a party too!"*

## PROJECT PRIDE— FLINT HILLS RESOURCES

MMC is working on a 16,000 SF lab addition project for Flint Hills Resources. MMC is providing the plumbing, mechanical and fire protection for this project. The project start date was July 7, 2014 with an estimated completion date of January 22, 2016. Maintaining a high level of quality work is always part of the work plan, but because the owner has chosen to do exposed ceilings in the lab, it is even more imperative that the craftsmanship meets the highest level of quality. To meet the high standards, an all-star project team was assigned to this project and has exceeded all expectations, providing the customer with a state-of-the-art laboratory. The project team includes: Project Managers Jerry Audorff and Dave Topitzhofer, Assistant Project Manager Matt Holloway, Plumbing Foremen Dean Thompson and Dennis Olson, Pipefitter Foreman Norvy Donnohue and Sheet Metal Foreman Mike Corcoran.

Because of the type of work that is being conducted in this lab, this project has provided several unique fabrication opportunities for MMC. Utility work, glass pipe and orbital welding are just a few of these opportunities. Of these three, the most challenging to work with has been the glass pipe. The lab has an oily water sewer system where they use glass pipe to dispose of chemicals that are at extremely high temperatures. Since the chemicals are being poured into this sewer system at such high temperatures any scratch within the glass pipe is deemed a weak spot, thus labeling the pipe defective. Careful material handling of the glass pipe has been crucial in preventing this issue. Overall, the project is on schedule, running efficiently and exceeding craftsmanship expectations. The project team is communicating effectively and exhilarating high morale. Our goal has been to exceed the customer's expectations and, per the owner, we have been doing just that!



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### EMPLOYEE SPOTLIGHT



**GREG STUMM**

Tinner

MMC Fabrication Shop

**When did you start working for MMC?**  
December of 1994

**Where did you grow up?** Arlington, MN

**What is the one, single food that you would never give up?** Prime Rib

**What is your favorite movie?**  
Scarface

**What is your favorite TV show?** Rifleman

**What is your favorite place to eat lunch?**  
Baker's Ribs

**What is your favorite day out of the year?** St. Patrick's Day

**What do you like to do when you're not working?** I love to ride my bike—a Harley Heritage Softail Springer.

**What is the best advice you ever received?** Treat people how you would like to be treated.

**The world would be a better place if...**  
everyone could get along!