ASSOCIATED BUILDERS AND CONTRACTORS MINNESOTA / NORTH DAKOTA CHAPTER

CONSTRUCTION AVAARDS 2013 PROJECT WINNERS



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STEP Awards - For Contractors Who Promote Safety

ABC's Safety Training and Evaluation Process (STEP) recognizes the efforts of ABC members that strive to achieve effective safety practices at their firms and provides contractors with a tool to objectively evaluate their safety programs, policies, procedures and training. Using a form provided by ABC national, contractors evaluate their programs and receive certificates for qualifying at either the Bronze, Silver, Gold or Platinum levels. Contractors can use the one year STEP certification as a business marketing tool and to improve safety at their firms. Featured at right are our 2013 MN/ND ABC STEP Winners.

Platinum Level

- D & G Excavating, Inc.
- E & I Specialists, Inc.
- Greystone Construction
- Marcus Construction Co.
- Oxentenko Inc
- Schwickert's
- Scott Builders, Inc.
- T.E. Ibberson Company

Gold Level

- A.B. Systems, Inc.
- All Trades Service
- Bergstrom Electric, Inc.
- Dale Gruber Construction
- Fagen, Inc.
- Gartner Refrigeration Co.
- Laketown Electric Corpora
- Lunseth Plumbing & Heating
- Lyon Contracting & Development
- Miller Insulation Co. Inc.
- Municipal Builders, Inc.
- Nor-Son Inc
- Willmar Electric Service

Silver Level

- Bladholm Construction
- Breitbach Construction
- Brennan Construction of MN
- Carlson & Stewart Refrigeration
- Cedar Lake Electric, Inc.
- CLEAN Construction
- Custom Aire, Inc.
- Dallas I. Hanson Construction
- Diversified Construction
- · Dorglass, Inc.
- Double J Masonry
- East Side Glass Co.
- Electrical Production Services
- G & J Awning & Canvas
- Horizon Roofing, Inc.
- HY-TEC Construction
- J-Berd Mechanical Inc
- John T. Jones Construction
- JP Structures
- JT Electric Service, Inc.
- Les Jones Roofing, Inc.
- Lumber One
- Magnum Contracting, Inc.
- Nelson Electric, Inc.
- Northway Construction

Western North Dakota Council P.O. Box 894

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- RWI General Contractors
- Security Fire Sprinkler
- Shingobee Builders
- St. Cloud Refrigeration
- Standard Heating & A/C
- Stotko Speedling Construction
- Superior Mechanical
- Sussner Construction
- Universal Spray & Drywall
- Wiebolt Electric, Inc.
- Wilcon Construction, Inc.

Bronze Level

- A.I. Moore Electric Service
- Builder's Institute
- Builders Restoration Corp.

MN ABC/MN OSHA Partnership

- CLEAN Construction and
- Building
- D & G Excavating, Inc.
- Dale Gruber Construction, Inc.
- Design Electric
- Electrical Production Services
- Greystone Construction
- · J-Berd Mechanical, Inc.
- Les Jones Roofing, Inc
- Nor-Son, Inc.
- Northway Construction
- Schwickert's Tecta America, LLC
- Shingobee Builders, Inc.
- Stotko Speedling Construction
- Wilcon Construction, Inc.
- Willmar Electric Service, Corp.

Minnesota/ North Dakota Chapter

Minnesota Chapter 10193 Crosstown Circle Eden Prairie, MN 55344 Phone: (952) 941-8693 Fax: (952) 941-8698 www.mnabc.com

Eastern North Dakota Council 4511 15th Avenue Fargo, ND 58102 Phone: (701) 356-3007 www.ndabc.com



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2013 CHAPTER Award Nominations

Again this year, ABC presented our 2013 Chapter Awards to members that have been nominated by their peers for superior service, volunteerism and a role model for others in the construction industry. This year's winners include:

2013 Construction Woman of the Year

Krystal Vierkant, Rock On Trucks, Inc.



Krystal is a leader, role model and forerunner for young women in pursuit of business ownership in the traditionally held field of Highway Heavy Construction and Merit shop business.

Krystal purchased her first truck and trailer one month before 9/11 when she was 25 years old. She faced a world that young women rarely enter in during a time of

great uncertainty. She confronted the preconceived ideas and prejudices held against women and youth. Overcoming discrimination and stereotypes, she learned what it takes to risk, lead, advance shift, cut and change under extreme adversity.

In her first 5 years in business, Krystal grew Rock On Trucks into 5 separate Rock On Companies with a 10 million dollar revenue. By her 7th year, she added 2 more support companies and had seen a steady increase and climb for 7 straight years. When other companies closed their doors during the fuel crisis, Krystal and Rock On Companies shifted the work within, cutting overhead where it was needed, changing workloads and work schedules to keep employees working. In the worst of economic times, Rock On companies grew to 44 trucks, 57 trailers, employing 54 employees and 40 dedicated Independent Owner Operators. Rock on puts 70-170 trucks a day to work in Minnesota, North Dakota and the 5 state area.

Krystal is also involved in numerous charities. She sent trucks to Louisiana after Hurricane Katrina and to Fargo/Moorhead and La Crosse to help stop the flooding. 2013 brought many community activities in volunteerism for Rock On Companies, as well as being chosen the 2013 DBE of the Year by MN DOT. Rock On participated in the largest Minnesota Truck Convoy for the Minnesota Special Olympics and sponsored the United Way Day of Caring for Central Minnesota.

Krystal is constantly learning and opening the doors for her employees to learn. She believes in small business and has helped 12 independent truckers purchase their own trucks by helping them with financing and teaching them about business ownership. Krystal has used her leadership skills and business connections to make a difference in the lives around her. She is a true advocate for the independent businessperson

Krystal is a role model and a true leader. She is an example that entrepreneurship and free enterprise is still alive in America. We are proud to present Krystal Vierkant of Rock On Trucks with the 2013 Construction Woman of the Year.

2013 ABC Associate of the Year

Cathy Haekenkamp, Construction Solutions LLC/John A. Knutson & Co.



Cathy Haekenkamp was nominated, because of her dedication to the association through participation, sponsorship, and leadership. As chair of the ABC Membership Committee, she has lead ABC to four straight years of membership growth. The Chapters retention rate has consistently beat the national average, under her watch. The Membership Committee has been charged with orchestrating the highly successful Meet the General structured networking event. Her company not only is a leading sponsor of this event, but she acts as chief registrar, greeting guests with a smile and taking their checks when necessary!

Her company deeply believes in the value of relationships. They view every client relationship as a true partnership. The company provides close personal attention to their clients that comes from years of advanced training and technical experience.

The firm is also active with other associations like the MN CPA's and charitable groups such as the United Way. Annually, the company holds a weeklong United Way fundraising event with daily activities ending with a company picnic and silent auction. This associate member values very highly the relationships developed through their ABC affiliation.

COMMERCIAL CONSTRUCTION

HONORABLE MENTION



Dallas I. Hanson

Project: Montogomery's Furniture **Category:** Commercial Construction, \$1-5 Million

Dallas I. Hanson Construction, Inc. was proud to be awarded the Montgomery's Furniture Renovation project, being one of three contractors preselected and interviewed to bid on the project. The scope of work included extensive demolition of both the interior and exterior of the existing Econofoods grocery store building. We had the opportunity to work closely with the Owner and the Architect leading to the success of this fast-track project. Montgomery's Furniture has been well received in the community of Watertown. It stands as an example of a building that has been successfully repurposed, and a business that saved and brought jobs to the community.

Lunseth

COMMERCIAL CONSTRUCTION

EAGLE AWARD







The casino's design reflects elements of importance to the tribal culture, including exterior lighting that mimics the Northern Lights for which the property is named – Sky Dancer.

Shingobee Builders, Inc.

Project: Sky Dancer Casino & Resort **Category:** Commercial Construction, Over \$5 Million

Shingobee provided pre-construction and general contracting services for this 120,000 square foot hotel and casino expansion, and renovation of the 38,000 square foot existing casino, for the Turtle Mountain Band of Chippewa Indians. Located in a remote area of north central North Dakota, the existing Sky Dancer Casino & Resort was an assortment of multiple additions built over a period of years around a two-story hotel.

The goals for the expansion and renovation were to increase the gaming opportunities, add more hotel rooms, and greatly improve the guest amenities. Constructed directly adjacent to the existing facilities, the 56,000 square foot casino expansion provides a vastly improved gaming floor. The six-story, 100 room hotel addition increased the total number of rooms to 197. A steak house, buffet, snack bar, and bar offer guests a variety of dining and entertainment choices. The existing casino was renovated into an events center, providing space for banquets, concerts, and conventions.

Shingobee's involvement in the preconstruction phase, identifying nearly \$5 million in savings and creating a plan to meet their expedited schedule, allowed the project to meet the Tribe's goals. Logistics, signage, and redirection of traffic were created to allow the casino and hotel to remain open throughout construction. A fast-track process, with multiple bid packages, was implemented to achieve the tight construction schedule.

The casino's design reflects elements of importance to the tribal culture, including exterior lighting that mimics the Northern Lights for which the property is named – Sky Dancer. Symbolism for eagle's feathers, pow-wow regalia, birchbark weaving, and other motifs are prevalent throughout the facility. The new casino is a great source of pride and an economic driver for the Turtle Mountain Band of Chippewa community.

COMMERCIAL CONSTRUCTION

PYRAMID AWARD







These upscale apartments have everything needed to make life in Rochester unforgettable, including gourmet meals and organic groceries (from the People's Food Co-op) without having to leave the building. Metropolitan Market Place offers the perfect combination of modern convenience and comfort.

Wieser Brothers General Contractor, Inc.

Project: Metropolitan Market Place **Category:** Commercial Construction

Metropolitan Market Place offers the latest in upscale urban residence, perfect for Mayo Clinic Health Professionals, University of Minnesota, Rochester faculty, or anyone who wants to take advantage of Rochester's newest contemporary housing. Situated in energetic downtown Rochester, this trendy apartment complex offers the convenience of nearby Mayo Clinic, easy access to restaurants, shops, and public transportation. These upscale apartments have everything needed to make life in Rochester unforgettable, including gourmet meals and organic groceries (from the People's Food Co-op) without having to leave the building. Metropolitan Market Place offers the perfect combination of modern convenience and comfort.

INSTITUTIONAL CONSTRUCTION



ROERS Construction, Inc.

Project: Lommen Hall at Minnesota State University of Moorhead **Category:** Institutional Construction, Over \$5 Million

Lommen Hall, located on the campus of Minnesota State University of Moorhead (MSUM), was in dire need of updates including updated classrooms and offices, an energy efficient building envelope, an advanced heating and cooling system, and a mechanical/maintenance room to house the new systems. The renovation and remodeling at MSUM's Lommen Hall, totaling \$14 million, entailed a total interior demo and remodel as well as a total exterior rehab of the building which took place in two phases in order to allow school and classes to continue as construction progressed.

Both Phase I (53,337 square feet) and Phase II (29,901 square feet) were formerly comprised of classrooms and multi-purpose areas. The project resulted in brand new classrooms, offices, and an early childhood learning center on the interior and a total exterior brick rehab, new windows, roofing, waterproofing and drain tile systems.

Many complicated elements were repaired to maintain the integrity of the original building. Looking at the finished project today it holds true to its historic roots on the surface and in appearance, yet when investigating the details and the systems behind the scenes, the building was basically stripped to the structure, rebuilt and completely renovated to meet Minnesota State Colleges and Universities system (MnSCU) requirements. Lommen Hall was modernized in the technical sense, but kept the historic integrity the campus has grown to love and appreciate.

Though it was a complicated project, the result is outstanding.



Roers was able to meet the expectations set by MSUM, on time and on budget. The success of this project can be attributed to the phenomenal teamwork between Roers, the sub-contractors, the design team, and MSUM. Challenges encountered and overcome during this project have given those involved newfound experiences with historic buildings and the location of a 95-year old time capsule during demolition is an unforgettable detail of this two-and-a-half-year project.

INDUSTRIAL CONSTRUCTION

PYRAMID AWARD



Marcus Construction

Project: Superior Industries **Category:** Industrial Construction, \$1-5 Million

Phases in a construction project are common...but six is a downright challenge! That's exactly what the facility expansion Marcus Construction built for Superior Industries was. The expansion plan moved in a counter clock circle around the existing Superior Components division, in a 10-month time frame. Two of these phases presented a real challenge as they needed to fit between existing buildings like puzzle pieces. Another phase involved constructing a new 15,000 sq. ft., two-story office to house the new corporate offices. The expansion with this phase in particular was bittersweet for Superior Industries as it was the bridge representing where their roots were founded to where they have grown today. This phase would be erasing the company's physical origins when the original Quonset-style shed, built some 40 years earlier, would be demolished in order for the expansion and future of

Superior to continue to grow.

"The 10-month long construction phase of the project meant we needed to keep producing product through the renovation," says Paul Schmidgall, Vice President of Superior Industries. "It required temporarily relocating our manufacturing work centers and often improvising our product flow. It also required our production staff to work in close proximity to the construction work, so safety was a top priority. There was a high level of communication and teamwork between all parties and we finished the project without any injuries."

The end result for Superior Industries was doubling their 53,000 sq. ft. component plant to 109,000 sq. ft. with the capability to now have their 140 employees, two divisions and new in-house stamping area all under one roof.





INDUSTRIAL CONSTRUCTION



EAGLE AWARD



T.E. Ibberson Company

Project: Auburn University Poultry & Animal Nutrition Center **Category:** Industrial Construction, \$1-5 Million

T.E. Ibberson Company designed and constructed Auburn University's Poultry and Animal Nutrition Center. As the general contractor, Ibberson self-performed 100% of the equipment installation, structural steel erection and millwright work. The Ibberson staff oversaw the activities of three merit shop subcontractors—electrical, mechanical and painting.

T.E. Ibberson Company used a modular construction method where fabrication and equipment installation is completed off site in a factory-controlled environment, then transported to a final destination where the modules are then placed on a concrete foundation to form the finished facility.

The \$3.863 million, 12,000-square-foot facility is comprised of 960 tons of ingredient storage and multiple systems for processing raw ingredients into formulated diets for livestock. The entire process is controlled from a central computer workstation. Production-sized systems, rated at capacity of nominal 5 tons per hour, included receiving and transfer, major and minor ingredient formulation, grinding and mixing, sterilizing, pelleting, topical coating and packaging.

The Auburn University Nutrition Center serves multiple purposes: 1) provide the livestock on the university campus with formulated diets; 2) provide a "hands-on" environment for university students; 3) provide a food science laboratory for private industry to team with university staff; and 4) provide a location to sponsor industry short courses.

PRE-ENGINEERED BUILDING

EAGLE AWARD





The team came together and delivered a fantastic project with a common goal of quality, cost-effectiveness and schedule. Choosing the sub-contractors based on merit and value allowed Greystone Construction to select the best contractors in the area. The entire team is happy to be part of this project.



Congratulations Greystone!

Greystone Construction Company

Project: Chart Building #22 **Category:** Pre-Engineered Building Over \$5 Million

Chart Building #22 is a unique and specialized building designed and constructed to support the manufacturing of large cryogenic storage tanks. The original site contained wetlands, farm fields, several houses, contaminated soil and a drainage ditch flowing through the middle of the site. The number of site challenges was further complicated by a difficult permitting process.

Chart's existing facility is comprised of 21 building additions of varying size, shape and height. Internally they reviewed material deliveries, process flow and best practices to make the plant efficient for their operations and consulted with Greystone on how it could be built most efficiently. This resulted in many design changes throughout construction and several clever construction, jigs to facilitate construction.

From the beginning stages estimating, Chart made it clear that schedule would be of primary importance. Chart had contracts in place to build tanks larger than their current facility could support, and the owner required a section of the building to be complete in six months from project award.

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RENOVATION

PYRAMID AWARD



The Joseph Company

Project: Early Childhood Care & Education Center **Category:** Renovation, \$1-5 Million

The Apple Lane Childhood Care Center project consisted of remodeling an existing vehicle repair / storage garage on the campus of Riverland Community College in Austin, MN into a stateof-the-art 18,000 SF Child Care Facility and 18,000 SF outdoor playground.

The project included replacement of entire concrete slab-on-grade, constructing separate classrooms, indoor and outdoor play areas for each age group – infants, toddlers, and pre-school, special drop-off access and egress, technologically-advanced security design and systems, reception and administrative offices, commercial kitchen, and age-appropriate interior and exterior finishes.

This project came about through strong collaboration between community stakeholders – The Hormel Foundation, Minnesota State Colleges & Universities, Riverland Community College, and Apple Lane Child Care Center.

It was the desire of The Hormel Foundation, who provided the financial backing for the project, to have one source be responsible for the design and construction. The Joseph Company was the firm that was selected to lead this process.

The end result was the successful completion of a \$2.8 million daycare facility, on schedule, despite losing 20% of project duration to asbestos removal, and under budget after adding MnSCU design criteria, state prevailing wage program, and a \$250,000 playground package.

Joseph and their subcontracting team achieved a perfect safety record on the project having performed over 19,000 manhours with zero safety incidents or injuries.



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EAGLE AWARD





Nor-Son, Inc.

Project: Coal Country Inn **Category:** Renovation, Over \$5 Million

Increased oil activity and traveling craft tradesmen had caused a housing crisis in North Dakota's Coal Country. Feeling the strain, Industrial Contractors Inc. (ICI), a Midwest-based industrial maintenance and construction company, purchased an old 1950s-era high school with the intent to convert it into a hotel for their employees to stay while working on the nearby energy plants. ICI sought the assistance of Nor-Son in the fall of 2012 for the design and construction of the school-turned-hotel renovation with the expectation of the first project phase turnover (100 beds) of late March for occupancy of the first guests for the 2013 outage season.

Transforming the vintage school into a hotel was no small feat, and meeting the aggressive five-month schedule added layers of complexity. Bringing the 60-year-old building up to current codes and installing new in-floor plumbing lines to 91 guest rooms required the team to think "outside the box" to find creative design and construction solutions.

Despite the fast-track schedule and obstacles encountered, the project team rose to the challenge through a collaborative approach. In addition to Phase I and the promised 100 beds, Nor-Son successfully turned over much of Phase II for a total of 136 beds plus a new gathering space and dining area for the first guests of Coal Country Inn to enjoy.

ICI sought the assistance of Nor-Son in the fall of 2012 for the design and construction of the school-turned-hotel renovation with the expectation of the first project phase turnover (100 beds) of late March for occupancy of the first guests for the 2013 outage season. **MECHANICAL COMMERCIAL**

PYRAMID AWARD



Custom Aire, Inc.

Project: Choice Health & Fitness Center **Category:** Mechanical Commercial, Over \$1 Million

Choice Health & Fitness is a 159,000-squarefoot, two-story facility in Grand Forks, ND, that features a vast array of amenities unparalleled in the area. This state-of-the-art facility gives individuals and businesses access to exceptional health and fitness resources, including full-size indoor sports courts, an aquatic complex, an indoor track, a cuttingedge RPM cycling studio, one of the only rowing facilities in the Midwest, and the only federally mandated on-site obesity research lab in the United States.

The Greater Grand Forks community has never before experienced health and wellness benefits through efficient use of the combined knowledge, expertise, resources and strengths offered by the center's two main partners, the Grand Forks Parks District and Altru Health System. All of this accomplishes the center's goal of a full-circle health and wellness establishment for local citizens.

Custom Aire, Inc., the prime mechanical contractor, partnered with subcontractors and fellow ABC members to tackle the project's aggressive construction schedule. The mechanical system included the plumbing, fire protection, and centralized geothermal heating/cooling plant, supplemented by two high-efficiency natural gas modulating boilers. The indoor pool dehumidification system, with heat recovery, indoor air handlers, rooftop units and fan coil units, was used to distribute the necessary heating, cooling and ventilation throughout the building.



The mechanical system included the plumbing, fire protection, and centralized geothermal heating/cooling plant, supplemented by two high-efficiency natural gas modulating boilers.



MECHANICAL INDUSTRIAL

PYRAMID AWARD



Carlson Stewart Refrigeration, Inc.

Project: Utility Building Category: Mechanical Industrial, Over \$1 Million

Is 3.2 million pounds of milk per day a lot of milk? ...No you say? Well then, how about 5 million?

This was a similar question that First District Association (FDA) asked Carlson and Stewart Refrigeration (CSR) in early 2012. FDA, at this point, received 3.2 million pounds of milk from local farmers and made it into the product that America loves...cheese.

When FDA asked CSR about increasing capacity to 5 million pounds of milk per day, the design engineers all agreed that it could be done and started to put pen to paper. "Hold your horses," says Russ Albrecht of FDA. "5 million pounds per day is what our immediate expansion capacity will be. What we really want is to have a capacity of 7 million pounds per day."

These discussions were only the start of a project with many twists and turns (on an extremely large scale). These twists and turns would prove to be a challenge that CSR was willing to take head on.

After some deliberation, CSR was tasked to design and build a central ammonia refrigeration system and propylene glycol circulating system that would meet all of FDA's expectations and perform efficiently as possible. Some of these design parameters were:

 1,900GPM of 50% Propylene Glycol to be chilled from a varying temperature to +34°F with an acceptable temperature variance of +/- 1°F.



- Flowrate will more than double when the 7 million pound expansion occurs. Current project design calls for a grand total flowrate of 5,100GPM.
- Calculated peak refrigeration needed: Approximately 600
 Tons (7,200,000 Btu/Hr)
- All ammonia piping/systems are to be confined to the compressor room or the rooftop. No ammonia piping allowed elsewhere.
- Physical space for both the glycol and ammonia systems is already defined. This would impose layout challenges.
- System to have full redundancy.
- System is to be installed to facilitate no downtime when expanding in the future.
- System was to be fully functional by the end of 2012 (7 months).

Apollo

Lommen Hall - MSUM Campus - Moorhead, MN

2013 EAGLE AWARD WINNER! ABC Excellence in Construction Awards

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Chevy

Fabcon