

MERIT SHOP IN THE MIDWEST







Some of the largest projects in the Midwest are being built Merit Shop.
With offices in Madison, Milwaukee and Minneapolis
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Developers, Architects, Subcontractors, Suppliers, and most importantly our own employees, understand the value that Merit Shop brings to the projects we build. Thanks to Associated Builders and Contractors for bringing us together and supporting us along the way. When we work smart, and we work Merit Shop, everybody wins.

TABLE OF CONTENTS

STEP Awards	4
Construction Company & Construction Woman of th	e Year 4
Mega Projects Awards	5
Industrial Construction Awards	6-7
Commercial Construction Awards	8-10
Institutional Construction Awards	11-12
Healthcare Construction Awards	13-16
Renovation Awards	17-18
Mechanical Commercial Awards	19
Electrical Commercial Awards	20-23
Electrical Institutional Awards	24
Residential Multi-Family Awards	25-26
Other Specialty Construction Awards	
Specialty Contracting - Interiors Awards	29-30
Exteriors - Roofing Awards	

MN ABC/MNOSHA Partnership

- Breitbach Construction
- Cedar Lake Electric, Inc.
- CLEAN Construction and Building
- D & G Excavating, Inc.
- Dale Gruber Construction, Inc. Nor-Son, Inc.
- Electrical Production Services
- Greystone Construction Company
- Horizon Roofing, Inc.
- J-Berd Mechanical, Inc.
- Laketown Flectric

- Larson Building, Inc.
- Lyon Contracting, Inc.
- Marcus Construction
- Mindak Commercial Construction
- Schwickert's Tecta America
- Shingobee
- Stotko Speedling Construction, Inc.
- Vercon, Inc.
- Willmar Electric Service Corp.





North Dakota Chapter

Associated Builders and Contractors, Inc. Minnesota/North Dakota Chapter

Minnesota Chapter

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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 template provided by ABC National, contractors evaluate their programs and receive certificates for qualifying at the Bronze, Silver, Gold, Platinum or Diamond levels. Contractors can use the one-year STEP certification as a business marketing tool and to improve safety at their firms.

2018 MN/ND ABC STEP Winners

Diamond Level

- Fagen, Inc.
- Olaf Anderson Construction, Inc.
- Wanzek Construction, Inc.

Platinum Level

- A.J. Moore Electric, Inc.
- Building Restoration Corporation
- Cedar Lake Electric, Inc.
- Erickson Builders & Co. Inc.
- K H C Construction Inc.
- Knobelsdorff Electric, Inc.
- Laketown Electric Corporation & Engineers
- Lyon Contracting, Inc.
- Marcus Construction
- The Weitz Company
- Wieser Brothers General Contractor, Inc.

Gold Level

- Bilfinger Westcon, Inc.
- Miller Insulation Co., Inc.
- · Oxentenko, Inc.
- Rice Companies
- Shingobee
- Stotko Speedling Construction, Inc.
- T. E. Ibberson Company
- Tradesmen International
- Willmar Electric Service Corp.

Silver Level

- A.B. Systems
- Berd Electric, LLC
- Bergstrom Electric, Inc.
- Bladholm Construction
- Breitbach Construction
- CBS Construction Services, Inc.
- Charps, LLC
- Construction Engineers, Inc.
- Custom Aire, Inc.
- D & G Excavating, Inc.
- Dale Gruber Construction, Inc.
- East Side Glass Co.
- Electrical Production Services, Inc.
- Force Enterprise
- G & J Awning & Canvas, Inc.
- Gartner Refrigeration Co.
- General Sprinkler Corporation
- Greystone Construction Company
- Horizon Roofing, Inc
- J-Berd Mechanical, Inc.
- John T. Jones Construction Co.
- Larson Building, Inc.
- Les Jones Roofing, Inc.
- Lunseth Plumbing & Heating Co., Inc.
- MCI Paint & Drywall
- Midwest Mechanical Construction, LLC
- Mindak Commercial Construction
- · Nor-Son, Inc.
- Northern Plains Contracting, Inc.
- ROERS
- Schwickert's Tecta America, LLC
- Security Fire Sprinkler, LLC
- Standard Heating & A/C Co.
- Superior Mechanical, Inc.
- Sussner Construction
- · Vercon, Inc.
- Vos Construction Inc.
- Wilcon Construction Inc.

Bronze Level

- Comstock Construction
- Hough, Inc.
- South Side Electric Inc.
- Stanley & Wencl, LLC
- Winona Heating & Ventilating Co.

2018 ABC Construction **Company Of The Year**



ABC is proud to present the 2018 Construction Company of the Year Award to Rice Companies for their quality, safety program, community service, and dedication to the merit shop. For over 65 years, Rice Companies has partnered with clients on thousands of projects and constructed millions of square feet. Over 80% of their business is with repeat clients, some of them for over 40 years and many of them with multiple generations working with a collaborative design and construction team. A few of these construction clients include: Coborn's Support Center; Functional Industries; and the Madelia Fire Reconstruction. The company has partnered with and promoted charities that align with their own values including: Boys & Girls Clubs; Coborn Cancer Center; and the March of Dimes. The company was founded with a merit shop philosophy, and that continues today. As an ABC member for over 35 years, they have won numerous awards including Pyramid & Eagle- Awards of Excellence & STEP awards. Their safety committee has utilized ABC's safety program for a number of years, resulting in an ever-increasing culture of safety on their jobsites. And they continually work to solicit meritbased vendors and subcontractors to work with their team.

2018 ABC Construction Woman Of The Year



The ABC 2018 Construction Woman of The Year is Nancy Samson, CEO of Shingobee Builders,

Inc. This Award recognizes the outstanding efforts of women in the construction industry. It encompasses accomplishments, leadership, contributions to the community and promotion of the merit shop. Under her leadership as CFO for the past 14 years, and now as CEO, Nancy's company withstood the recession by growing the business in diverse markets and geographic areas, and

has increased volume and revenue. Shingobee has been actively involved in STEP since 1995, and frequently submits to the Excellence in Construction awards program. Her firm was the first to achieve Level 3 Cooperative Compliance Partnership under MNOSHA's partnership program with ABC. Nancy Samson has been a member of the ABC Board of Directors for two years, and an active member of the Legislative Committee for several years, including taking annual trips to the Washington, D.C. to advocate for merit shop legislation.

★ MEGA PROJECTS

Project Budget:	More than \$100 Million
Company:	T.E. Ibberson Company
Award:	EAGLE
Project:	Export Terminal Dock Project

T.E. Ibberson Company (Ibberson) was awarded this lumpsum \$158 million contract to provide design engineering, procurement, construction, and start-up and testing support for a new ship loading dock and barge slip. The project duration was 2.8 years from conceptual design to final completion. The scope of work included design engineering and construction (civil, structural, mechanical, utilities and electrical) of a complete dock structure, including ship berthing capability for Post-Panamax size vessels and a dual barge unloading slip. The dock structure connects to the existing dock and is designed to accommodate future ship loading capabilities. The entire design engineering scope was performed by Ibberson. The high-speed barge unloader is a state-of-the-art system specially designed for this project. The system can unload barges at a rate of 120,000 bushels per hour (BPH). The barge slip is a dual configuration designed to accommodate two barges at one time and allow continuous unloading, 24 hours a day and 7 days a week. The high-speed transfer system over water/land is designed to transfer products at a rate of 120,000 BPH from barges to a new scale tower or transfer products directly to the existing ship loading system.







★ INDUSTRIAL CONSTRUCTION

Project Budget: Over \$5 Million

Company: Fagen, Inc.

Award: PYRAMID

Project: Santee Cooper General Gypsum
Dewatering and Unit 4 Ash Conversion

The project at Santee Cooper was two separate scopes of work, the Gyspum Dewatering and the Unit 4 bottom Ash Retrofit. The gypsum dewatering scope included demolition of existing systems, the addition new systems and many tie ins to old systems to upgrade their facility. The unit 4 bottom ash retro fit included the demolition of the unit 4 sluice system and installation of a new submerged scraper conveyor, new dry ash conveyors and systems for the economizer and SCR ash

The Santee Cooper Cross Generating Station consists of four units. The facility was upgraded to keep up with increasing standards. Fagen's scope of work was civil, iron, millwright, pipe, electrical and crane work. Roughly 95 percent of the work was self performed by Fagen. Fagen recruited hundreds of people from many places to perform the work at Santee Copper Cross, however, roughly a third of the personal recruited were local or semi-local. Local talent participated in every craft department including some on site management. Much of the subcontracted work was performed be local contractors.









Congratulations to all Award Recipients!

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★ INDUSTRIAL CONSTRUCTION



Project Budget: Over \$5 Million The Weitz Company Company: **Award: EAGLE** Cobb Vantress, Inc. Poultry Feed **Project: Manufacturing Facility**

Cobb Vantress, Inc., a subsidiary of Tyson Foods, Inc., contracted Weitz to design and build a poultry feed processing facility. The state-of-the-art feed mill was constructed in Joanna, South Carolina. Engineering and long lead item purchasing began in February of 2016 and on-site construction began in April of 2016. The Weitz Company provided an on-site management staff consisting of a Superintendent, Assistant Project Manager, and Project Engineer. The self-performed labor averaged approximately 32 crew and peaked at over 100 during the slip form pour. This was led by two (2) General Foremen and four (4) Foremen in addition to one full-time crane operator and a multicraft crew specializing in carpentry, concrete, ironwork, and millwright trades. Included in the contract were all designbuild and project management activities for a poultry feed mill with a 2,000 ton per week manufacturing capacity, including grain storage, grinding, mixing, pelleting, and cooling. The feed mill itself consisted of a 176' tall, 2,000+ CY concrete structure. The pour was staffed by over fifty (50) crew alternating in 12-hour shifts and was completed in (17) shifts. The project successfully completed its first batch of feed in June of 2017 and continues to produce specialized poultry feed for Cobb breeder chickens across the southeastern United States. The project was valued at just over \$15,000,000 and the length of the project was 14 months.







★ COMMERCIAL CONSTRUCTION

Project Budget: \$1-5 Million

Company: Stevens Construction Corp.

Award: HONORABLE MENTION

Project: Fresh Thyme

Located in the main level of the newly completed mixeduse residential building called The Link, Fresh Thyme Farmers Market is the first supermarket in the Prospect Park neighborhood of Minneapolis. The project is located in the heart of a redevelopment initiative in the Twin Cities metro area that extends along University Ave from the U of M campus in Minneapolis to St. Paul. The intent of the revitalization is to create a thriving equitable urban area with community gathering spaces that are easily accessible by foot, public transit or automobile. The addition of the Fresh Thyme Farmers Market provides a key element and anchor to the community by filling the void of no grocers or liquor stores in the area. As with many densely populated areas, parking can be a challenge. The Fresh Thyme project added an abundance of parking which includes 30 surface lot spaces and 100 underground parking stalls with a cartveyor, an escalator for shopping carts. Now the area has a convenient place to food shop no matter what your mode of transportation.







★ COMMERCIAL CONSTRUCTION

Project Budget: \$1-5 Million

Company: Erickson Builders & Company, Inc.

Award: PYRAMID

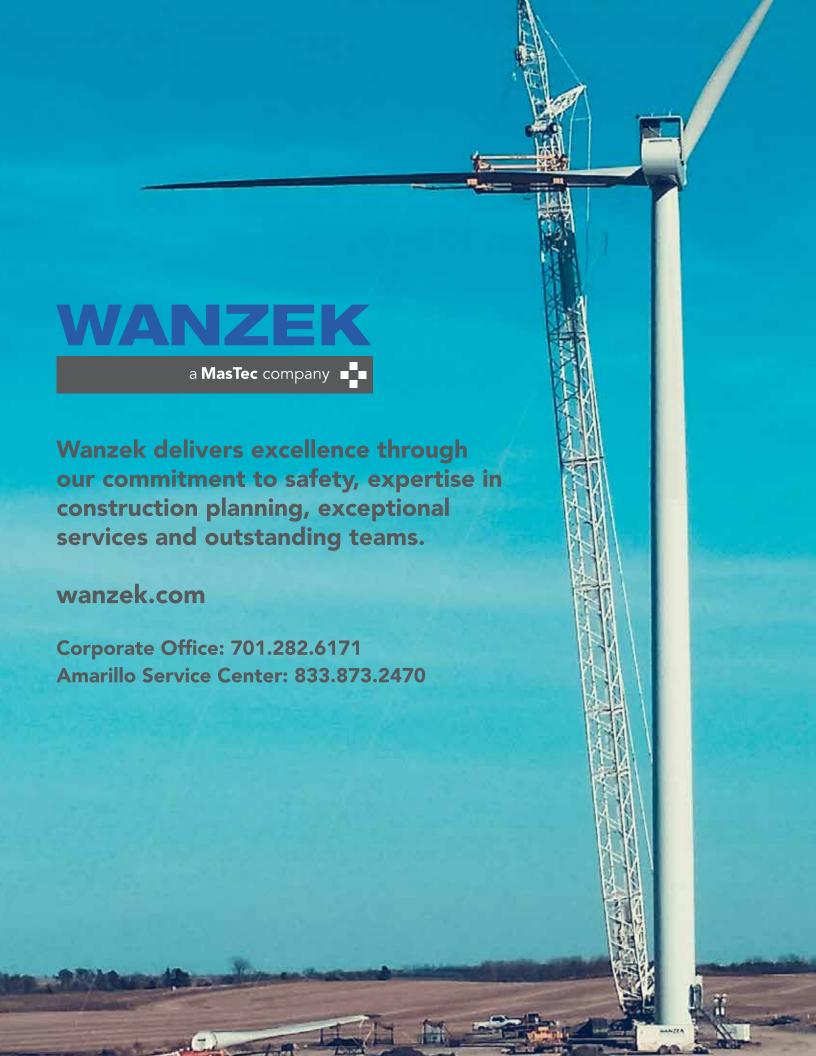
Project: Erickson Builders Office and Warehouse Facility

This unique 12,000 square foot wood structure office and pre-engineered steel warehouse design build project is located on four acres in St. Michael, Minnesota. As the general contractor, the team at Erickson Builders and Co. Inc., managed the entire new design build construction from the initial design phase through to project completion. In addition, Erickson also self-performed all excavating, concrete, concrete paving, rough framing, steel building erection, siding, finish carpentry, acoustical ceiling, painting and doors and hardware install for the project. Major areas of work were subcontracted to local contractors. Erickson Builders and Company, Inc., faced many challenges throughout the building process. Utilizing our team of subcontractors, together we approached the challenges and developed solutions, making this project a success. What makes this project special is bringing the client's vision to life - housing the needs of the business, administration, management and field crews, all at one location. While the new office and warehouse facility created a functional area and meets the current needs of the company, additional space was planned for and designated for future expansion.









★ COMMERCIAL CONSTRUCTION

Project Budget:	\$1-5 Million
Company:	Greystone Construction
Award:	EAGLE
Project:	HomeTown Bank & Multi-Tenant Office

The HomeTown Bank and Multi-Tenant Office Building is a single story, high-profile building providing much needed Class A office space in the rapidly growing Shakopee community. The facility projects a welcoming image of warmth, comfort and a familiarity of home. This building establishes a design standard that the client and neighbors are proud of and hope will be duplicated. Greystone Construction earned a perfect Total Recordable Incidence Rate (TRIR) and completed the project in less than six months despite challenges including multiple adjacent construction projects and a tight construction site requiring effective coordination and communication to avoid conflicts and ensure a safe working environment. This project was truly a Merit Shop effort with 25 merit shop contractors and 7 union contractors working side by side with no disputes. From the foundations to the finishing touches, this building highlights the quality of craftsmanship which can be expected from the merit shop. The client was more than satisfied with the success of the project and became a repeat client of Greystone Construction within one month of project completion.









★ INSTITUTIONAL CONSTRUCTION



Project Budget:	\$1-5 Million	
Company:	Shingobee Builders, Inc.	
Award:	EAGLE	
Project:	Four Winds Alternative and Career Technology Education High School	

Shingobee provided pre-construction and construction management services for a new Alternative and Career Technology Education facility for the Fort Totten Public School District. The Alternative / CTE program expands the educational experience that students have by offering alternative programs, including classes in science, math, English, and social studies, as well as career technology programs in business, facilities maintenance, and construction technology. The new 12,500 square foot facility includes classrooms, lab space for six teachers, bathrooms, storage areas, and offices. The building was designed and built to be net-zero energy, the first school of its kind on tribal land in the country. Shingobee's team worked closely with the design team throughout the design and construction phases to deliver an energy-efficient building, to help alleviate operational costs for the school into the future. A net-zero facility is an energy-efficient building that produces more energy than it consumes each year. The features of the building that contribute to its energy efficiency are photovoltaic (solar) panels, a decentralized ground-source geothermal heating and cooling system, high-efficiency water-to-air heat pumps, energy recovery system for heating and cooling, variablespeed fans and pumps to minimize excess energy use, occupancy sensors for demand-based lighting, LED lighting, solar tubes for day-lighting, specially insulated, high R-value walls and roof, and triple pane windows. The innovative use of Insulated Concrete Forms (ICFs) for the exterior walls and Structurally Insulated Panels (SIPs) for the roof increased the energy efficiency, and benefited the construction cost and schedule. Because the school was funded by a grant, with no additional funds available, strict adherence to the budget was required. Shingobee worked closely with the architects and engineers throughout the design phase and controlled costs during construction to deliver a project that was within this strict budget. The building will provide educational benefits for the students and energy cost-saving benefits for the School District far into the future.







★ INSTITUTIONAL CONSTRUCTION

Project Budget:	Over 5 Million
Company:	Construction Engineers
Award:	EAGLE
Project:	East Grand Forks Senior High School

Construction Engineers Project Manager, Tom McDonald, said it best, "A group of construction personnel realized this was far more than a project of bricks and mortar, this was a project for the children and future generations of this community." To Tom, this project was personal. He is a resident of East Grand Forks and his kids attend(ed) the school. This was "our" hometown school. Smart planning took place in the beginning to ensure the East Grand Forks community could afford their dreams. Some of the significant steps that led to the success of this project were the extensive early design planning and estimating that allowed the 60,000 sq. ft., \$20.6 million project to start on the right foot. There was a collaborative approach between Construction Engineers, the School District and the Design Team which resolved issues quickly and kept everyone informed at each stage of the process ultimately eliminating any surprises. Construction Engineers was transparent and collaborative throughout the design, bidding, and construction phases. Each challenge was met and resolved through transparency and teamwork and the school opened on time and on budget.







Project Budget:	Less Than \$1 Million	
Company:	Larson Building, Inc.	
Award:	EAGLE	
Project:	Eagle Crest Arbor Memory Care	

Larson Building Inc. was hired as the general contractor for Eagle Crest Arbor, a unique memory care renovation. This 30,511 square foot facility was originally constructed in 1999 and in 2017 Larson Building partnered with Presbyterian Homes and Services to update the facility to meet current standards and market trends. The renovation included three distinct resident areas called neighborhoods; with each consisting of twelve resident apartments, a serving kitchen, and a communal living room area. In addition, Larson Building also remodeled the central courts gathering area, the staff office space, a central laundry room, and the resident beauty salon. A significant but valuable challenge was updating the memory care facility while it was occupied by residents. Larson Building met this responsibility by carefully coordinating the construction schedule with site staff. The project was completed in two phases, which allowed the space for residents to gather outside their neighborhoods during construction. Strict safety standards were implemented to ensure resident safety throughout the duration of the project. At Larson Building we seek to improve the lives of others by providing safe, fresh, functional living spaces for vulnerable seniors, who suffer from memory loss. Caring for residents who have lost their ability to communicate and live independently is an honorable task, and Larson Building does not take for granted the opportunity to improve the physical environment for such clients.







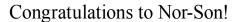
Project Budget:	\$1-5 Million
Company:	Nor-Son Construction
Award:	EAGLE
Project:	Ronald McDonald House, Red River Valley

Since 1982, the Ronald McDonald House Charities (RMHC) in Fargo has been creating a comfortable, homelike setting for out-of-town families whose children are dealing with devastating health issues. With the continued need of more and more families seeking care in Fargo, they were quickly outgrowing their existing facility. After years of planning and fundraising, they were able to fulfill their dream breaking ground July 2017 for a new facility on the Sanford Hospital campus. The Nor-Son team met what would ultimately be their greatest challenge before the project even began—a request to delay the construction start by nearly two months yet maintain the promised completion date of April 8, 2018. While the team knew the delay would put them into winter conditions and take strict project scheduling and management, one couldn't anticipate the magnitude of a North Dakota winter. Portions of work were sequenced differently than a typical building site to get the parking lot and curb and gutter complete before the snow arrived. After about a third of the parking lot was installed, temperatures plummeted to highs of 35-degrees with snow and frost. Ground thaw equipment, concrete blankets, poly and temporary heat were used to keep on schedule. Through effective communication and team collaboration the new RMHC project was completed on time and within budget.











ELECTRIC INC.

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Project Budget: Over \$5 Million

Company: Marcus Construction

Award: PYRAMID

Project: Carris Health Surgery Center

The new Carris Health Surgery Center in Willmar, Minnesota has brought a new level of local outpatient care to not only the Willmar community but all of West Central Minnesota. The new facility, at 29,370 square feet (compared to the 11,900 they had been working in), was designed with privacy as the key driver. Including a private check-in area, additional pre-op rooms to minimize wait times in the lobby, private post-op rooms specifically for children and patients requiring additional post-surgical care, and one-way patient traffic flow with a private exit following their procedure. This is a beautiful building and the focus from the surgery center staff on their patients experience and respecting their privacy is very apparent throughout the entire facility.







*** HEALTHCARE CONSTRUCTION**

Project Budget: Over \$5 Million

Company: Lyon Contracting, Inc.

Award: PYRAMID

Project: Yorkshire of Edina Senior Living

Yorkshire of Edina is built to be a vibrant mix of cozy and contemporary senior living spaces that combine beauty and functionality within the heart of Edina's shopping district. The building sits on a 1.77-acre parcel that was a green space between the existing 264-unit Yorktown Continental Senior Apartments and York Avenue South. The four story, wood framed, 105,650 SF Yorkshire of Edina building has 96 units over a 56-space underground garage. Unlike most senior facilities, the entire fourth floor is the secure memory care area consisting of a serving kitchen, dining room, two laundries, an activity garden, TV room, nurse station / offices, activity room, craft room and thirty memory care units. With footprint for the memory care smaller than the floors below the exterior walls were inset and the corridor / unit party walls didn't line up with the walls below. This created a complicated framing system to transfer loads down to third floor. Below the third and second levels, the main floor didn't stack with those two levels above creating the need to have a significant amount of structural steel on the first floor which needed to be treated with a fireretardant intumescent paint.





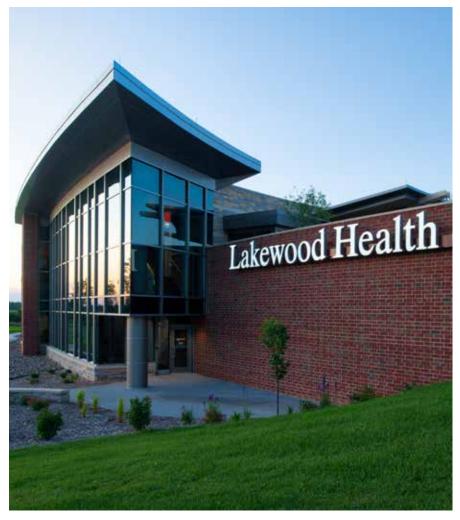


Project Budget:	Over \$5 Million
Company:	Nor-Son Construction
Award:	EAGLE
Project:	Lakewood Health Expansion

Lakewood Health System has been delivering care in rural Staples, MN since 1936, embraced around the heart of their patients making care their top priority. In 2006, a new state of the art hospital was built, further growing the spectrum of care for the community. However just two years after the hospital was built, CEO Tim Rice knew it wasn't enough. The everincreasing demands of rural health had pushed them to capacity, and the needs for additional services was becoming greater and greater. After a three month delay due to demands on the state health department, the multi-phase expansion and renovation started in January 2017 and would take 21 months to complete, an extremely challenging project for the Nor-Son team in terms of disruption avoidance, infection control, and overall coordination within a fully operational hospital and clinic. Guided by its mission to build warm, welcoming and well-built environments, Nor-Son met and exceeded multiple challenges presented with the expansion project while maintaining sensitivity to the community's ongoing medical needs through careful and considerate construction management practices.







Congratulations Nor-Son on your Excellence in Construction award!

Thank you for including East Side Glass Co as part of the team.



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★ RENOVATION

Project Budget: \$1-5 Million

Company: Nor-Son Custom Builders

Award: PYRAMID

Project: Whitefish Log Home Renovation

On the shores of the Whitefish Chain in Northern Minnesota rests a log home built in 1993 with breathtaking views but required some modernization for entertaining family and friends. The successful renovation of this home is testament to a team's determination to bring a client's vision to reality through quality craftsmanship, creative problemsolving, and team collaboration. The entire house stands as a testament to the hand craftsmanship expected from Merit Shop builders. The biggest challenge for the team was melding a substantial log home that was designed one way and incorporating the owner's wishes. The original log construction was often not square, at times two to three inches off, and required adjustments to be made on site by the crew. By changing the roof structure, the team was able to relocate a second-floor bedroom and bathroom so the space above the kitchen and dining room could be vaulted. Working with an engineer, the team determined proper load requirements in removing two of the four structural log purlins. In conquering the many unique challenges of melding modern details into a beautiful log home, working with unique materials, and precision craftsmanship, Nor-Son has created a home that stands a testament of time, superior in quality, on schedule, and best value.







* RENOVATION

Project Budget: Over \$5 Million

Company: Stevens Construction Corp.

Award: PYRAMID

Project: Village Shores

Located in the heart of Richfield, MN and owned by E.J. Plesko & Associates, Inc., the Village Shores Phase II project was a comprehensive renovation to an existing building bringing new life to the area. The remodeled development is a 216-unit, tenstory, mixed use building located at the bustling corner of 66th Street and Lyndale Avenue. Village Shores continues to function as a senior living community as well a retail shopping center as it did prior to the extensive interior and exterior renovation. The renovation project included:

- Installing a new elevator from floors 1 thru 10 cut in through the post-tension concrete decks while the facility remained occupied.
- Converting 1st floor covered parking into a full interior amenity area complete with a new wellness center, salon, library, lounge, and bistro.
- Converting 2nd floor from dining areas and retail space to make way for the new entry, dining room, full kitchen, private dining area, and multiple independent living units.
- Modifying the 3rd floor units to add new memory care units and three community serving kitchens.
- Modifying the 4th floor units to provide a mix of assisted living spaces as well as independent living.
- Floors 5-10 became a mix of remodeled units as well as an area of full removal and new layouts to accommodate an additional two units per floor.







* RENOVATION

Project Budget: \$1-5 Million

Company: Shingobee Builders, Inc.

Award: EAGLE

Project: The Gardner School

Shingobee Builders provided a complete remodel of an aging industrial building for The Gardner School in Edina, MN, in 2017. Originally built in 1969, the property's history included use as a television and sound / recording studio. The renovation and conversion to a handsome, contemporary preschool / child care center revived the building and significantly improved its appearance in this office / industrial area of Edina. Shingobee provided complete demolition and reconstruction of the building interior, roofing was replaced and exterior finishes upgraded, and all new plumbing, electrical, and HVAC systems were provided. High-end interior finishes were installed, including hand-painted murals by an artist from Tennessee. Upscale elements were added to the exterior of the previously austere building, including stone, cedar shake shingles, and soffits with wood corbels, which transformed it from a basic, 1960's-era industrial building to a distinguished residential appearance. In addition to the age of the building, the site presented challenges because of its location on a flood plain for an adjacent wetland. To accommodate the site's requirements, an outdoor play area and sidewalks around the rear of the building were constructed as an elevated deck with space below to allow for seasonal flooding. The reinforced concrete playground required piers extending more than 100 feet deep to support the structure in peat soil resulting from millions of years of decayed vegetation in the area. The challenges of demolishing interior concrete block and load bearing walls, coupled with the difficulties in constructing a foundation for the elevated playground in organic soils, made for challenges over and above the typical renovation of a building. Close cooperation and communication among the owner, architect, engineers, contractor, and subcontractors afforded quick resolution of issues as they arose throughout the complex renovation, and resulted in a very successful conclusion to the project.







★ MECHANICAL COMMERCIAL

Project Budget:	Over \$1 Million	
Company:	Custom Aire Mechanical Contracting & Service	
Award:	EAGLE	
Project:	Mountrail-Williams Electric Cooperative Office Complex	

Mountrail-Williams Electric Cooperative's office complex is one of the most exceptional buildings in North Dakota, designed to achieve LEED Gold rating. The four-story building, complete with the unique fifth-floor mechanical penthouse, features an extremely complex architectural design that required the craftsmanship of the mechanical contracting to be extraordinarily detailed and accurate for the integrity of the energy-efficiency and, ultimately, the occupants' comfort. The most recent oil boom in North Dakota's Bakken Region has also caused a boom in the need for the electrical services from Mountrail-Williams Electric Cooperative, the Upper Midwest's largest power distributor. This uptick in demand for the resources from the Williston, ND-based company required the co-op to expand their workforce, and in turn, their office space. Mountrail-Williams Electric Cooperative saw this as an opportunity to not only build a larger office complex, but also one that would surpass the awe-inspiring beauty and energy-efficiency of any other building in its area, and any other in the entire state of North Dakota. This office complex is an extraordinary, award-qualifying project for several reasons, including its unique design, energy-efficiency and building processes. The 77,800 Ft2 building features a complex architectural design built in a complete radius, with a narrow width of approximately 60 feet and the vast majority of walls in a curved shape. A layout of this nature provides the office complex with one of the most unusual designs in the region. This proved to be an exciting challenge for all trades involved to keep the designer's vision for beauty and efficiency intact through exceptional craftsmanship.











Project Budget:	Up to \$500,000
Company:	Bergstrom Electric, Inc.
Award:	EAGLE
Project:	Four Winds Alternative & CTE High School

Providing an alternative education in a building powered with alternative energy and then using the structure and its systems as a teaching tool, the Fort Totten School District is providing a unique and cost-effective educational experience for the next generation of its leaders. The \$3.5 million Four Winds School is the first net zero school constructed on tribal land in the United States, and the first net zero school ever in North Dakota. A "Net Zero" school is an energy efficient building that produces as much energy as it consumes every year. The unused power is sold back to the power supplier. The 12,500 square foot facility is adjacent to the Four Winds Community School on the Spirit Lake Reservation. It contains classrooms, lab space for six teachers, bathrooms, storage areas, and offices. Some of the features that contribute to its Net Zero status include 264 photovoltaic (solar) panels, a ground-source geothermal heating/cooling system, and solar tubes for free lighting. The project encountered serious schedule impacts early in construction when a blizzard in December shut down construction until spring and the owner did not change the school opening date for the following August. Bergstrom Electric rescheduled crews and made up the lost time.







Project Budget: \$500,000-\$1 Million

Company: Bergstrom Electric, Inc.

Award: PYRAMID

Project: North Dakota Surgery Center

As medical technology advances, more procedures can be completed without requiring the patient to spend the night in a hospital to recover. The 16,150 square foot North Dakota Surgery Center was constructed specifically to meet the growing demand for same-day surgeries in Grand Forks. The building has four operating rooms, two 23-hour patient rooms, seven pre-operation rooms, and six post-operation rooms. No patient should need to stay in the building longer than 23 hours. The \$7.75 million project utilized a Design Build project delivery system and the project team incorporated 3D BIM (Building Information Modeling) to coordinate the design. BIM allows contractors, engineers, and architects to see the planned layout of utilities and other details of a building's construction in three-dimension before construction begins. This allows team members to identify and correct issues with the design or utility layout (called "clash detections" – when two utilities are planned in the same space) before they are in the field, saving the owner and themselves time and money. Challenges included several significant staffing changes at the owner/general contractor level (both the Project Manager and Project Superintendent were replaced within two months of each other) and late decisions on some of the mechanical components of the building, which required innovative solutions and problem-solving by Bergstrom Electric crews.







★ ELECTRICAL COMMERCIAL

Project Budget: Over \$1 Million

Company: Bergstrom Electric, Inc.

Award: PYRAMID

Project: Minnkota Power Cooperative Corporate Campus

Serving almost 135,000 consumer accounts in a 34,500 squaremile area, Minnkota Power Cooperative provides wholesale electric energy to 11 member-owner distribution cooperatives in eastern North Dakota and northwestern Minnesota. Their customer base includes many of the region's homes, farms, schools, and businesses in rural settings. The organization's brand new 250,000 square foot Corporate Campus brings together all of Minnkota's Grand Forks employees and equipment in one place. The \$65 million project included a 78,000 SF corporate office, a 58,000 SF electrical operations facility, a 28,000 SF warehouse, and a detached 89,000 SF large equipment and maintenance facility. The entire campus is heated and cooled using a geothermal system, which includes 646 wells each drilled approximately 285 feet deep. Other key design features focused on energy efficiency included numerous windows to utilize natural light, LED lighting, and motion sensors to turn off lights when an area is not in use. The heart of the operation is the Energy Control Center, which includes a massive number of computer monitors displaying data from the entire Minnkota power delivery system in a real-time format. Minnkota employees can monitor all activity in their electric transmission infrastructure 24 hours a day, 365 days a year. The system includes more than 3,340 miles of transmission line and 249 substations.









\$500,000-\$1 Million **Project Budget:** Willmar Electric Service Company: **EAGLE** Award: **Carris Health Surgery Project:** Center

With the ever-changing approach to medicine and the restrictions/demands placed on health care systems, Carris Health evaluated the capacity of its current surgery center to the return on investment that could be reached with the construction a new surgery center. This would also increase the capacity to help those with same-day surgery needs. As same-day surgery procedures have increased, the demand to meet the needs for Willmar and the surrounding communities came to the forefront to determine the necessity for moving forward with the new surgery facility. Willmar Electric Service partnered with the General Contractor, Marcus Construction to construct the new 28,366 square foot Carris Health Surgery Center by contracting to complete the electrical installation, including the fire alarm and nurse call systems. Throughout the project, Willmar Electric utilized our previous experience with medical facilities, increased productivity by initiating new material handling and installation procedures, while staying diligently on schedule due to already scheduled surgeries. On May 15, 2018, Carris Health Surgery Center was able to fulfill its promise of completing surgeries in their new facility, making their goal - to provide the best, most effective care so patients can return to their normal activities as quickly as possible - a continued reality.

★ INNOVATION AWARD

Willmar Electric Service has completed a number of medical facilities and as with prior projects the design of each room may not be ideal for the medial staff utilizing the facility. Willmar Electric has previously experienced the frustration of installing the electrical where it was designed, only to uninstall and move it to a new location after input form the medical staff. To help alleviate this pitfall, we completed a "live" mock-up of the five major room types (Operation, Endoscopy, Pre-Op, Procedure, and Recovery). A walk through was completed with the owner, architect, engineer and surgery center staff. By completing the process, the devices and equipment were moved to locations which would make the utilization process for the medical staff more desirable. It also helped with the commissioning of the equipment, originally scheduled for four weeks, but only taking two weeks to complete.







Project Budget:	Over \$1 Million
Company:	Willmar Electric Service
Award:	EAGLE
Project:	Hutchinson High School

In communities around the state, the dilemma of aging infrastructure and updating technology within a school becomes a real challenge. The choice becomes determining when the right time to renovate or build new are discussed and what technology is to be installed and implemented. The community of Hutchinson, Minnesota faced this situation. Upon the closing of the election polls, the community of Hutchinson voted yes on a referendum to build a new addition and complete extensive renovations to the High School. Willmar Electric Service partnered with the General Contractor, Gohman Construction to construct a new and renovated 210,000 square foot Hutchinson High School by contracting to complete the electrical installation, including the fire alarm, data/com, paging, security, sound and audio/ visual systems. Throughout the project, Willmar Electric Service was able to provide value engineering, continue to use and develop new protocols for productivity, help ensure the students and faculty were safe, as well as keeping the focus on the safety of our field personnel. Upon completion of the project, Willmar Electric Service was able to help the community of Hutchinson, Minnesota and Hutchinson High School accomplish their goal:... Excellence in Academics, Activities & Character.







* PRODUCTIVITY AWARD

Willmar Electric Service is dedicated to improving the process used for installation of electrical components on projects. At Hutchinson High School, we continued our quest for process improvement by implementing a KanBan system to restock our clamshells and utilizing color conduit to indicate the various electrical systems installed. With the implementation of the KanBan system our clamshells were stocked to the desired level of material and there was not stock of any unnecessary items. By using the color conduit, we were able to install and walk away without fear of forgetting to label each conduit for the specific system and in turn being covered up by the sheetrock. With the implementation of the KanBan system, improving out conduit installation techniques, as well as continuing with our proven room kitting method, Willmar Electric was able to be productive enough to save 4,000 man hours on this project. That equates out to 2 employees working full time for 1 year! A savings of 13% of our hours.

★ ELECTRICAL INSTITUTIONAL

Project Budget: Up to \$500,000

Company: Electrical Production Services, Inc. (dba E.P.S. Inc.)

Award: PYRAMID

Project: Mayer Lutheran High School New Addition and Fieldhouse

During the summer of 2017, Electrical Production Services was selected for a unique school project which was comprised of a new school addition and classrooms, a front entry and a new 4-gym fieldhouse. This project was special to EPS because many EPS employees had attended and graduated from this high school. Mayer Lutheran's school motto is "Preparing the Next Generation of Christian Leaders", which aligned perfectly in selecting EPS to serve as the project's Commercial Electrical Contractor and allow its' graduates to come back and share their skills and talents. When the planning of the project first started, the owners of EPS, Carla and Jim Struble, offered the services of EPS and its' team of professionals to lead the electrical installation of the project. Partnering with EPS ownership, EPS Senior Estimator Eric Thoreson, worked closely with the assigned General Contractor, GDS Design & Build to develop an effective electrical installation construction plan. More than 2,200 man hours were completed from January to June of 2018 by the EPS Team led by Lead Journeyman, Jason Noerenberg, also an alumnus from Mayer Lutheran High School. The project was completed on time and prior to school starting in August of 2018.









* RESIDENTIAL MULTI-FAMILY

Remington Cove Apartments

Project Budget: Over \$5 Million

Company: Lyon Contracting, Inc.

Award: PYRAMID

Project:

Remington Cove Apartments were built with the market in mind being "in the center of it all" in Apple Valley, Minnesota. This 196-unit upscale apartment community is on the corner of Galaxie Avenue and Founders Lane; a prime location for outdoor activities as well as shopping, dining and nightlife. The buildings 2-acre footprint on a 5.21-acre site created some challenging conditions for the construction team. Remington Cove was built in two phases. The first phase was a three-story, 136,250 SF wood framed building over a 45,630 SF heated concrete, CMU & precast underground parking garage with 115 parking spaces. The second phase was a three-story, 126,049 SF wood framed building over a 42,275 SF heated concrete, CMU & precast underground parking garage with 108 parking spaces. Each phase was similar in design, but the finishes evolved between the two phases. Phase I had LVT floors in the kitchens with carpet in the living rooms, but on Phase II the LVT was extend into the living rooms for an urban look. For additional sound attenuation, a Whisper Step Soundmat was added under the LVT flooring. To coincide with the design trend, unit doors and appliances were changed between phases.

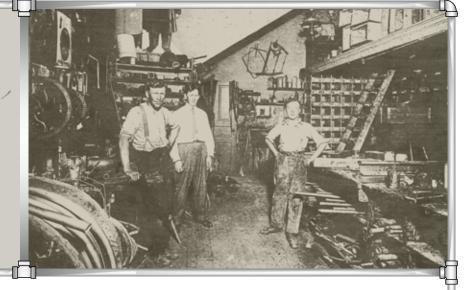








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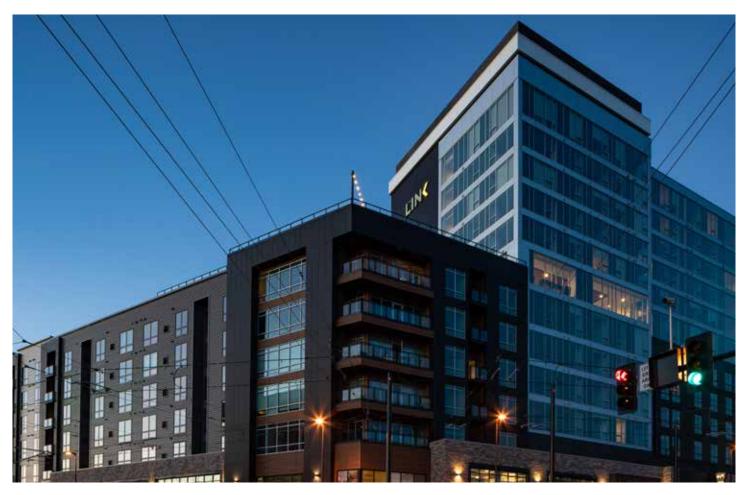
* RESIDENTIAL MULTI-FAMILY

Project Budget:	Over \$5 Million
Company:	Stevens Construction Corp.
Award:	EAGLE
Project:	The Link Apartments

The Link Apartments are the newest luxury residences near the University of Minnesota and Stadium Village, at 2929 University Ave SE, in the Prospect Park East River Road Neighborhood of Minneapolis, MN. With refined interiors and a welcoming community, The Link redefines luxury living in the Twin Cities. A truly one-of-a-kind building, the Link serves as the Landmark structure of the neighborhood. Amassing over 530,550 square feet, the multi-use post-tensioned concrete and wood frame project includes 336 apartments, 4 build-to-suite retail spaces, the largest occupied by Fresh Thyme Market. Additionally there are two levels of underground parking, 7 elevators, 2 escalators, and a cartveyor for the grocery store. Other amenities include a roof-top amenity deck, dog run (on roof), an array of interior recreational spaces including a golf simulator room, Fitness center, Yoga room, Sauna, and tanning beds. Aside from being the catalyst of revitalization for this neighborhood, the facilities vast amenities provide groceries for all neighbors within walking/biking distance. Neighbors can enjoy the community garden; utilize the "nice ride station" bike rentals located on the adjacent sidewalks, and shop in the Fresh Thyme grocery store.



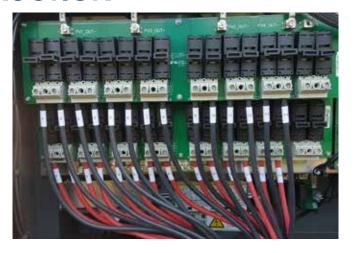




★ OTHER SPECIALTY CONSTRUCTION

Project Budget:	Over \$1 Million
Company:	Knobelsdorff Electric, Inc.
Award:	EAGLE
Project:	Dundas Community Solar Garden 5MW

This project was a 5-Megawatt open field community solar garden constructed over a period of five months, beginning in October of 2017 and completed in February of 2018. Knobelsdorff Electric, Inc. performed as both the Construction Manager and Electrical Contractor, as well as providing procurement services for all major components. The project proved to be a challenging one, in large part due to the customers schedule requiring most construction over the winter months. Heavy rains in the fall impeded pile driving and digging thousands of feet of trenching for underground wiring. This, combined with an unusually rocky site and bitter -20 degree temperatures during the winter months complicated the process. Despite these challenges, the project was completed on time, within budget and with zero safety issues. KEI was able to successfully lay down over 138 miles of wire, make nearly 90,000 wiring terminations and oversee the installation of 19,800 solar panels on the site. Today, this site is operating successfully and has the capacity to power an estimated 5000 average American homes and requires virtually no maintenance during its estimated 30 years of operation. KEI has gone on to complete many other solar projects of this type, with over 250 megawatts completed to date in Minnesota and now ranked as the 23rd largest solar installer in the US according to the 2018 Solar Power World magazine survey.









★ OTHER SPECIALTY CONSTRUCTION



Project Budget:	Over \$5 Million
Company:	Wanzek Construction, Inc.
Award:	EAGLE
Project:	Goldwind 3S Prototype

The Goldwind 3S Prototype project is a single commercial grade wind turbine that was constructed in Texas to achieve certification for the North American wind market. This wind turbine, produced and owned by Goldwind Americas, produces 3.57 megawatts of electricity. This is enough energy to power approximately 1,850 homes. The Goldwind 3S Prototype is located at the West Texas A&M University Research and Technology Center near Canyon, Texas. With a generator height of 130 meters, the 3S Prototype wind turbine is currently the tallest wind turbine in the United States. The total height of the tallest point is over 650 feet with the 138-meter diameter rotor (three blades attached to the hub) installed.







★ SPECIALTY CONTRACTING - INTERIORS

Project Budget: Up to \$500,000

Company: Grazzini Brothers & Company

Award: EAGLE

Project: Minnesota State Capitol Restoration

The Minnesota State Capitol restoration is one of the largest and most complex restoration projects in the United and is one of the most high-profile construction projects in recent memory in Minnesota. The comprehensive restoration project took almost four year to complete, from 2013 to 2017. It was the first major renovation since the 378,825 square-foot building first opened on January 2, 1905. The project repaired and modernized deteriorating building systems, restored the building to Cass Gilbert's original architectural vision, increased public meeting space and improved accessibility for people with disabilities. By the time of its completion in 2017, the total cost of the renovation project reached approximately \$310 million. Grazzini Brothers & Company installed installing 18,000 square feet of quarry tile, mosaic tile, and granite tile similar to tile that was used during the original time period on the lower level. The basement had originally been a crawlspace. However additional public spaces was needed, so an additional 40,000 square feet of accessible public space, more than double what was available when the Capitol first opened was added during the restoration project which included a new circular gathering space in the refurbished basement of the Capitol that mirrors the rotunda above it.







★ SPECIALTY CONTRACTING - INTERIORS

Project Budget: \$500,000-\$1 Million

Company: Grazzini Brothers & Company

Award: PYRAMID

Project: New Webber Park Library

The new \$10.5 million Webber Park Library replaces a 34-yearold library that was demolished in 2014. The 8,300 square foot building has many new amenities including indoor and outdoor meeting spaces. The exterior emphasizes natural materials, primarily Lake Superior Green granite quarried in Isabella, Minnesota. The granite was pulled from the same quarry as the stone used for the Victory Memorial monument, and its weightiness lends an air of solidity and permanence. The rest of the exterior is clad in overlapping, horizontally placed zinc panels; their current pale green patina will eventually mature into gray. At the request of the community, the Lake Super green granite was chosen. Grazzini Brothers installed the 724 mechanically set panels of the Cold Spring Lake Superior green granite that are in the finished project, along with stone countertops for interior locations as well as exterior wall bases, window sills, stone planters and scupper stone. The stone was treated with five different finishes — ranging from sort-of black to a deep green to a kind-of gray — and cut into 724 customcut panels. The pattern is both orderly (there are three basic vertical heights) and seemingly random (many horizontal widths), a great-looking architectural jigsaw puzzle. Webber Park Library received the Finance & Commerce Top Projects of 2017 award.









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★ EXTERIORS - ROOFING

Project Budget: | \$500,000-\$1 Million

Company: Horizon Roofing, Inc.

Award: HONORABLE MENTION

Project: Ridgedale Center

Horizon Roofing was hired by General Growth Properties to complete a targeted re-roof at the Ridgedale Center. in Minnetonka, Minnesota. Before the actual roofing work could start, our employees had to spend time prepping the area. Ramps had to be built to access each section of the roof due to multiple control joints, existing walkways had to be disassembled and 1,144,460 pounds of loose gravel had to be vacuumed before production began. All of this required significant coordination between our crew and GGP in order to satisfy their need to provide extreme customer service. Perhaps, the most unique aspect of this project was the solar integration that came in as a last minute addition. Up against Minnesota weather, 2017 tax incentives and an already tight turnaround, we beefed up our crew onsite to get the job done. While we did not complete the solar array ourselves, we were required to complete a new roofing system that would work well with the solar that was coming. We worked closely with the solar contractor, communicating every step of the way during the process, to find the perfect solution. We settled on the 450 OMG Powergrip anchors, which they could attach their racking systems too without the fear of damaging the new roofing system and thus voiding the warranty. The end result of the Ridgedale project was a brand new Sarnafill Rhinobond PVC Membrane roofing system with state of the art solar integration, complete on time to capitalize on 2017 tax incentives. When we look back on this project, we believe our experience, efficiency and the value we stand to provide all of the parties involved was key to our success. We take an immense amount of pride in have customers like General Growth Properties and appreciate ABC for recognizing this great project!



***** EXTERIORS - ROOFING

Project Budget: \$1-5 Million

Company: Horizon Roofing, Inc.

Award: PYRAMID

Project: Autumn Ridge Apartments

Horizon Roofing was contracted to work on all four buildings of Autumn Ridge Apartments in Broolyn Park, Minnesota, covering a vast range of applications within 120,179 Sq. ft of workable area. Being involved in a project of this magnitude required continuous communication between multiple entities. We worked closely with the team at Sherman & Associates who manage the Autumn Ridge facilities to ensure Horizon quality standards and efficient delivery were met. When it comes to safety, Horizon Roofing goes the extra mile. Autumn Ridge required a specific guardrail system, one we did not have but were willing to get if it meant a safer, more efficient jobsite. We received an OSHA grant from the MN Department of Labor which allowed use to fund the new guardrail system that physically prohibited any person from a fall, all while being able to move around the roof with ease. By utilizing this nontraditional fall protection, we were assured our employees would be safe and the general public would not be harmed. Communication and safety laid the ground work for this project, but what really made it unique was the nature of the roofing system. At the time of Autumn Ridge re-roof, the current system was 20+ years old and the decking was from the original construction in 1974. With an outdated system, we knew to brace ourselves for the unexpected, like the existing roofing system being a combination of ballasted, adhered and mechanically attached or needing to replace 658 sheets of plywood decking, totaling over 21,000 Sq. ft. Every day of this job was a mystery to us but we tackled it in strides! In the end, the work we completed at Autumn Ridge resulted in a brand new roofing system with a 20 year, No Dollar Limit, Firestone BP, Total System Warranty. With the enormous amount of added work that went into this project, over 3,000 man hours, it would have been easy to be thrown off course but that is not the Horizon way. As a result of our dedication to our customers and employees, we completed a great project, one we are extremely proud of, and will be for years to come.





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