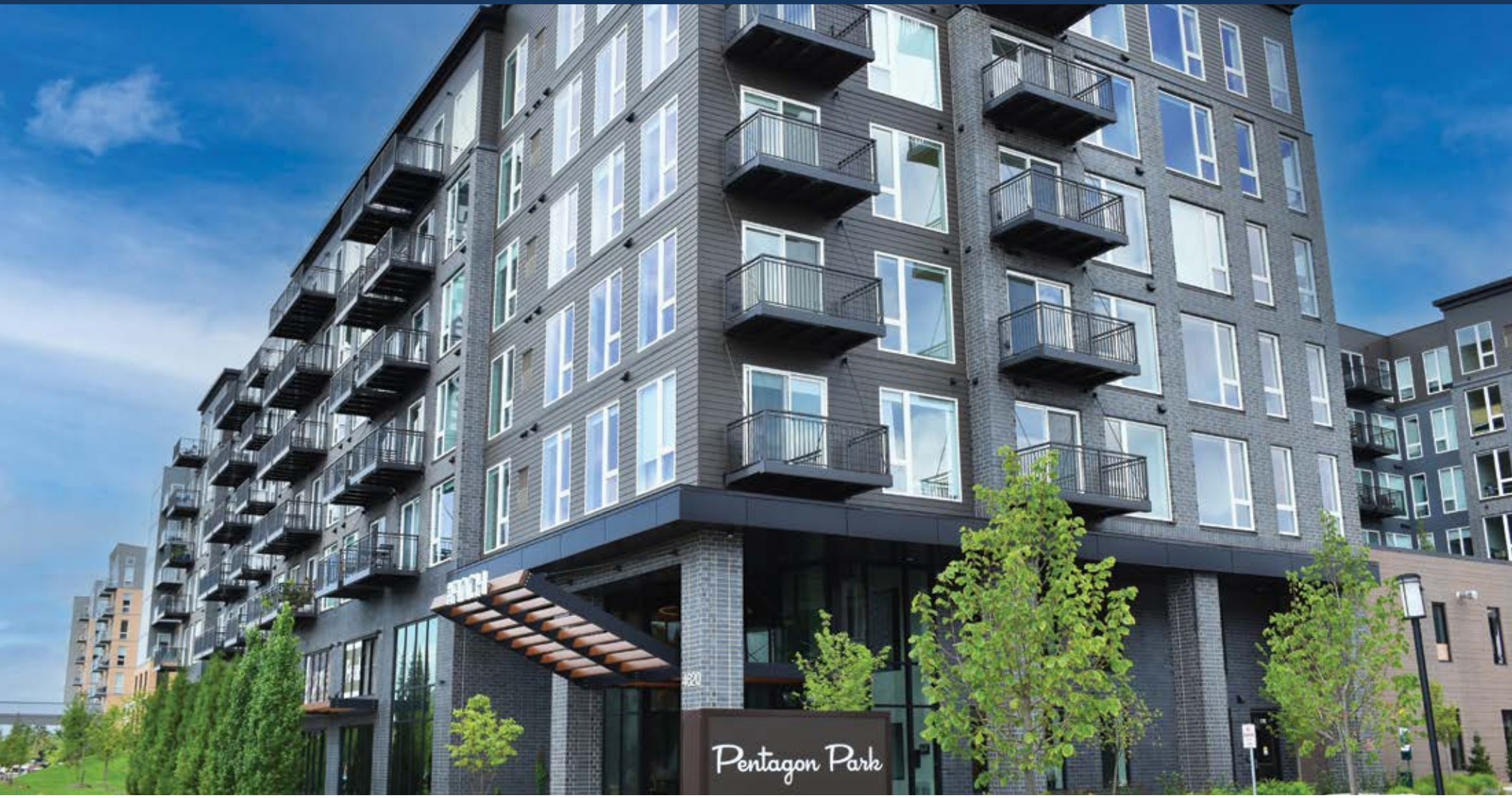


SUPERIOR
DECKS & RAILINGS

PRODUCT CATALOG

OUTDOOR LIVING, DONE RIGHT.

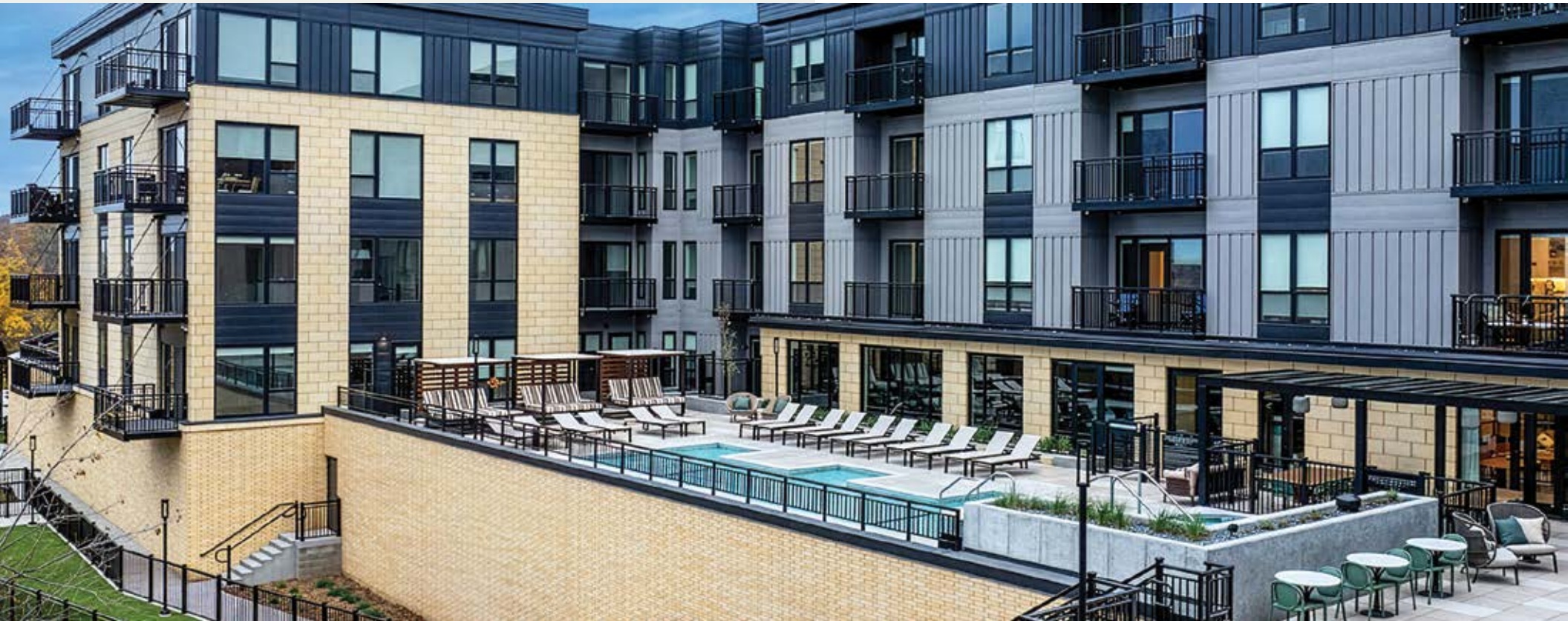
Superior Decks & Railings is a pioneer in the prefabricated architectural metals industry, with pre-constructed aluminum balconies, railings, sunshades, stairs, and fences, perfected for multifamily developments. Whether your projects include 30 decks or 300, Superior design and engineering provides the refined aesthetics, enduring quality, and rapid installation that set the standard for bolt-on balconies.

THE SUPERIOR ADVANTAGE

- Faster Installs
- Engineered Accuracy
- Long-term Durability
- Nationwide Coverage

816-434-5166
info@strotherfab.com
strotherfab.com

STROTHER FABRICATION



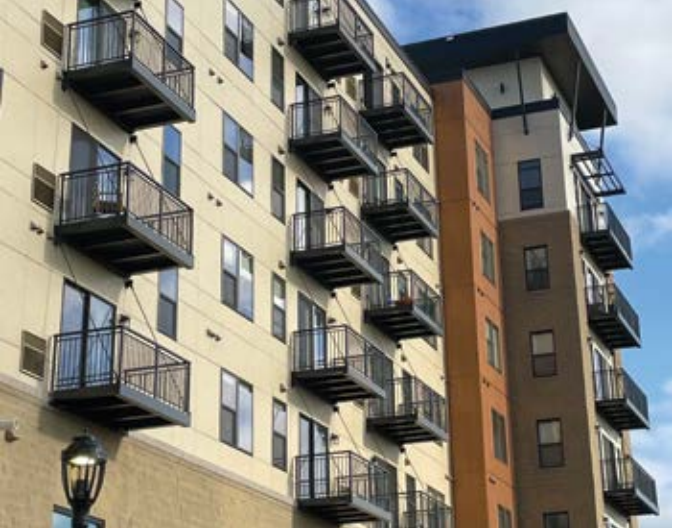






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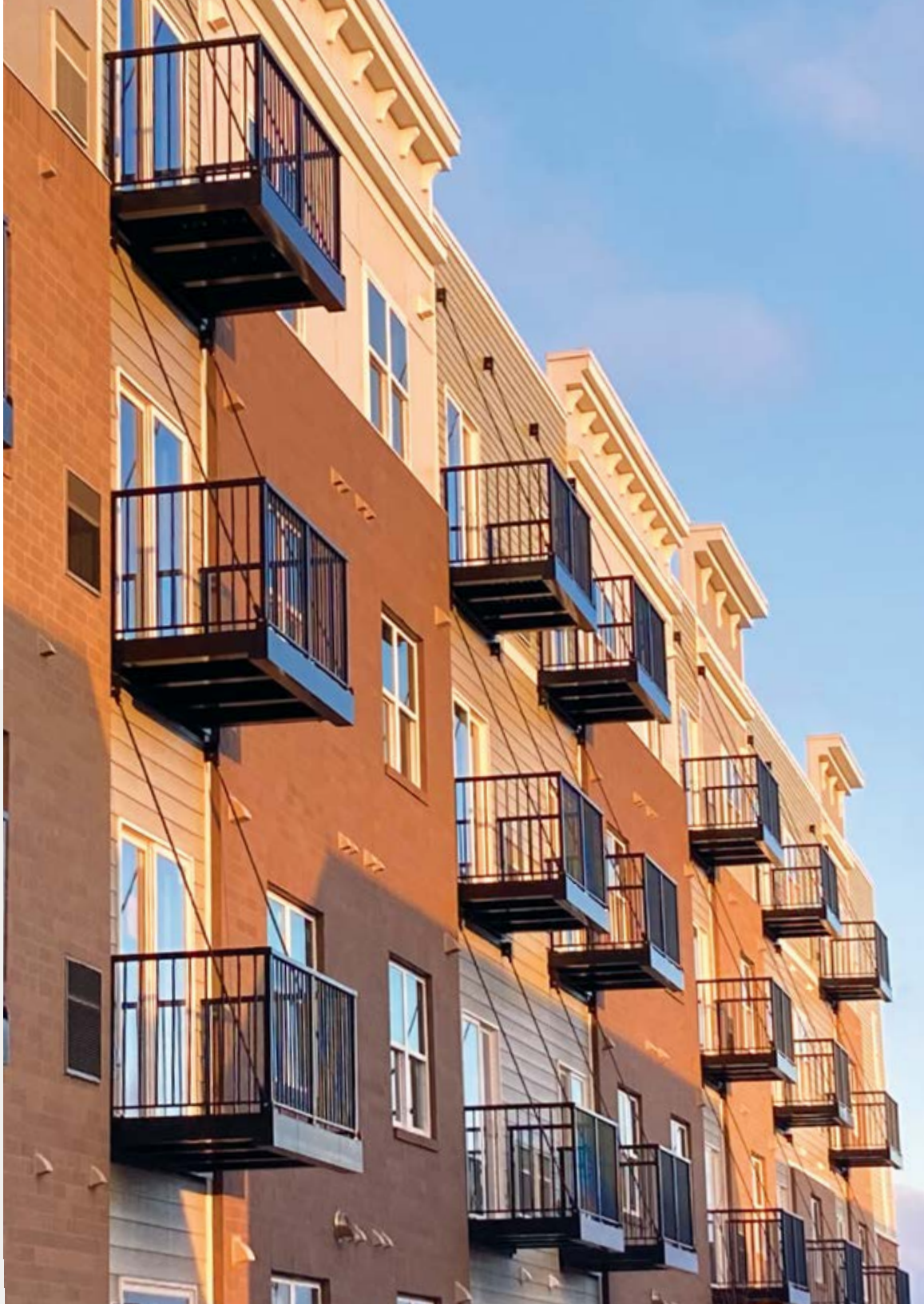
SURESET HD BALCONIES

Superior's aluminum balconies are built on the **SureSet™ HD Balcony system** — a standardized, engineered design that streamlines installation and delivers consistent performance across multifamily and commercial building projects.

Each balcony is designed for strength and safety, prefabrication saves assembly time at the job site, helping projects move faster, while delivering clean aesthetics to elevate exterior appeal. Durable, low-maintenance aluminum construction is the perfect match for demanding climate zones, from sunbaked deserts to snow-covered landscapes.

Precision-Built Aluminum Balconies

- Installation-ready assemblies
- Field-measured for accuracy and uniform quality
- Durable, low-maintenance aluminum
- Clean architectural aesthetics
- AAMA 2604-compliant powder coat finish



Superior SureSet HD Balcony Blueprint

1 FRONT BEAM
The robust front beam on SureSet HD Balconies provides unmatched strength and uniformity, up to 14' (widths up to 20' available as special order).

2 ALUMINUM DECKING
Mounted to the frame with hidden fasteners, extruded with anti-slip ridges for safety.

3 JOISTS
Mechanically fastened to the beams, joist spacing pre-defined by deck size.

4 SEAT PLATES
Ready-to-set anchor points speed installation on the job site, with a rugged powder coat finish.

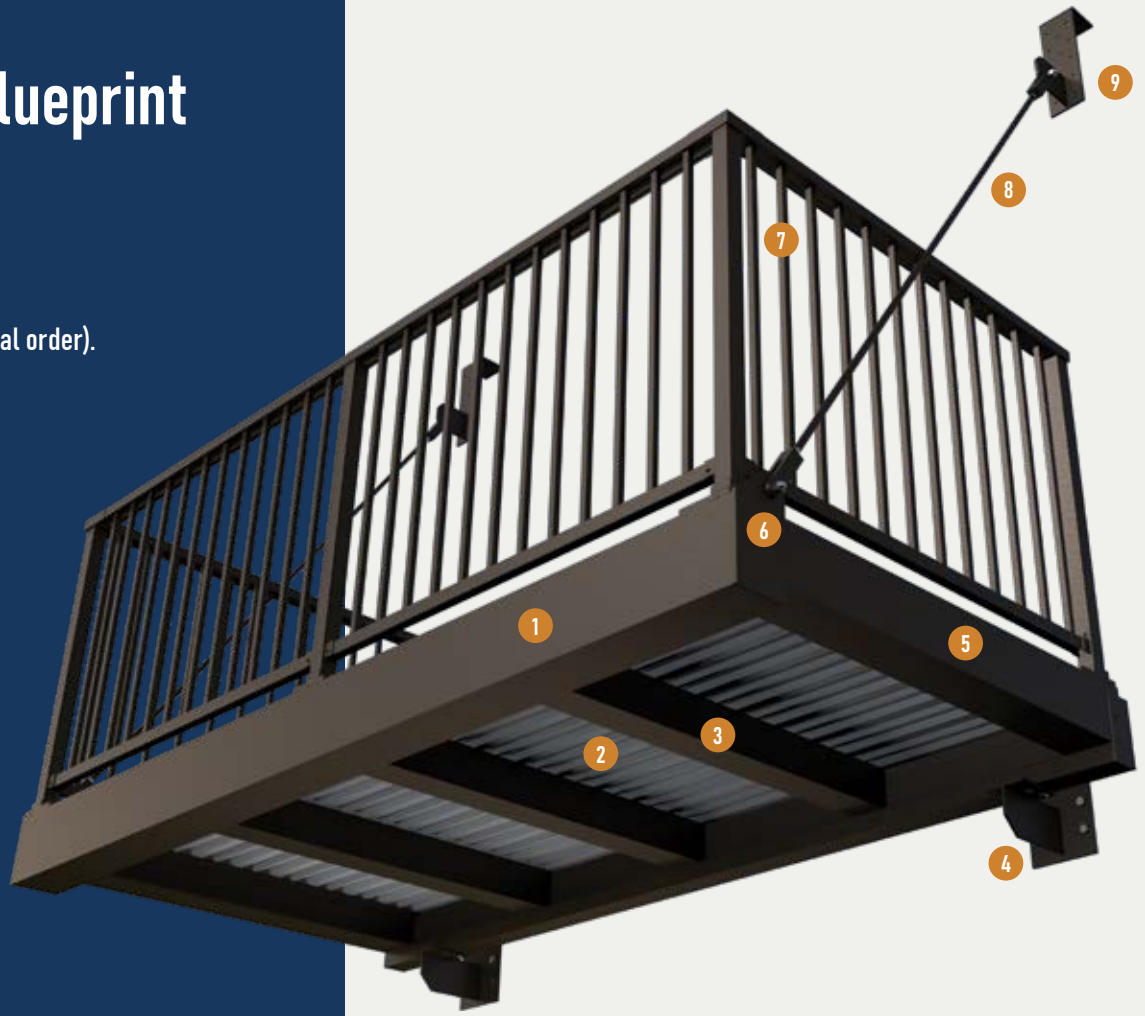
5 SIDE BEAMS
Extruded tracks on the top of the beams make for faster, safer and easier railing installation.

6 HEAVY DUTY CLEVIS PLATES
Secures the balcony to the tie rod with structural SS bolts, carrying the load to the wall structure.

7 RAILING SYSTEM
Black, bronze or white powder coating maintains lasting beauty, picket, perforated, or glass infills available.

8 TIE RODS
Superior engineered aluminum tie rods for hanging balconies, lasting strength that won't rust.

9 KNIFE PLATES
Strong, low-profile load connections embed in the wall structure during framing, simplifying waterproofing.



The SureSet HD all-aluminum balcony system is the industry standard for commercial apartments and mixed-use developments. Built from heavy-duty aluminum extrusions for unmatched strength and uniformity, SureSet HD Balconies carry structural loads without the added weight of traditional materials.

The modular system reduces labor costs at scale, delivered to the job site ready for final assembly and precise, efficient installation. A lasting AAMA 2604-compliant powder coat finish ensures low maintenance and clean architectural appeal.

Enduring, Engineered Finishes

Long-Lasting Protection with AAMA 2604–Compliant Coatings

Superior balconies are finished with high-performance powder coatings designed to maintain color, durability, and visual consistency in demanding exterior environments. The premium, light texture finish from AkzoNobel® is engineered to resist fading, chalking, and general wear over time, making it an ideal powder coat for all Superior aluminum extrusions and steel structural connections.

Paint film coatings following the AAMA 2604 standard are a perfect application for aluminum railings and balconies, away from direct sea-air exposure, where lasting, low-maintenance finishes preserve architectural integrity.



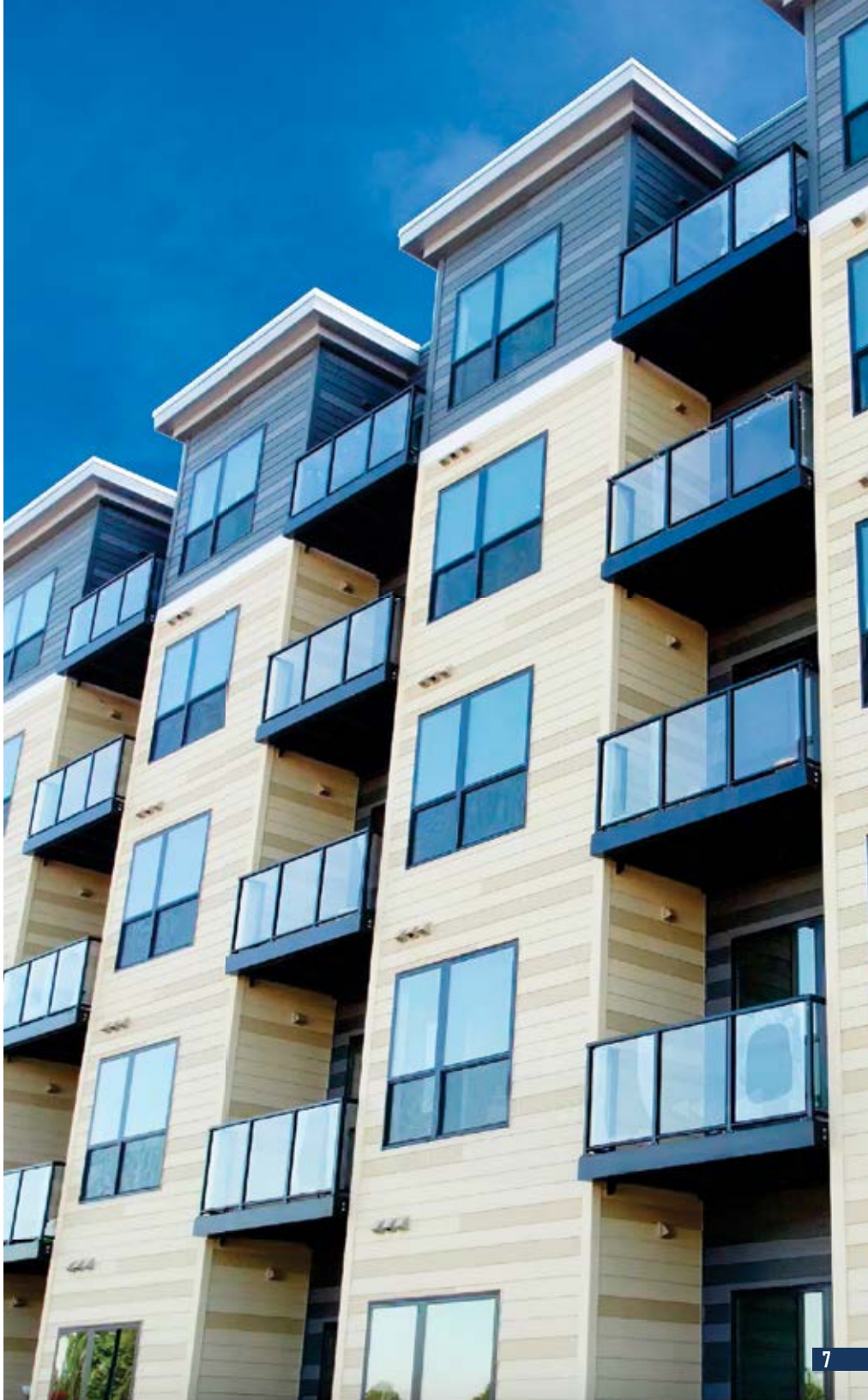
20-Year Finish Warranty

Superior Decks & Railings warrants to the original purchaser that its balcony and railing systems will be free from the following, under normal use and service, for 20 years from the original date of purchase:

- **Color Retention / Fade Resistance**: Coated surfaces will not experience color change greater than DeltaE 5 units per ASTM D2244 standards.
- **Coating Adhesion (Finish Integrity)**: Factory-applied powder coating will not crack, peel, flake, or blister.







Custom Balconies

Engineered for complex geometry and project-specific design requirements.

When architectural and engineering design requirements call for something beyond a standard rectangular deck, Superior engineers custom balcony configurations using the same proven aluminum system found in our SureSet HD Balconies. These designs bring distinctive concepts to life while maintaining durability, consistency, and installation efficiency.

Custom balconies conform to unique building designs, and give architects the flexibility to achieve more expressive façades—all while maintaining the reliability and long-term value Superior is known for.









PERGOLAS

Superior's pergolas create inviting spaces where people naturally come together. Built from aluminum and finished with long-lasting AAMA 2604-compliant coatings, these modern shade structures bring architectural clarity and comfort to high-use outdoor areas.





Purpose-Built Pergolas for the Places People Gather

Superior pergolas are crafted to perform in demanding climates and heavy-traffic spaces. Their modular aluminum framework allows for flexible footprints and clean, modern lines that complement any exterior design.

Key Features

- Extruded aluminum assemblies for long-term stability
- AAMA 2604 powder-coated finishes for exterior performance
- Configurable layouts for courtyards, rooftops, and amenity decks
- Engineered for use in high-traffic areas
- Designed to integrate cohesively with Superior's architectural metals



CANOPIES & SUNSHADES

Shade Structures That Define the Space Between

Superior's aluminum canopies add protection from the elements, shedding water to the sides, while sunshades bring the architectural appeal and reduced glare for building entries and top floor balconies. AAMA 2604-compliant finishes reduce maintenance, with the matching colors and profiles to create a uniform look across all architectural metals on the property.



Key Features

- Aluminum structures provide overhead protection
- Provides shade and weather coverage in entryways and pedestrian zones
- Suitable for entrances, walkways, courtyards, and amenity areas
- Low-maintenance, corrosion-resistant materials
- Coordinates with Superior pergolas and sunshades

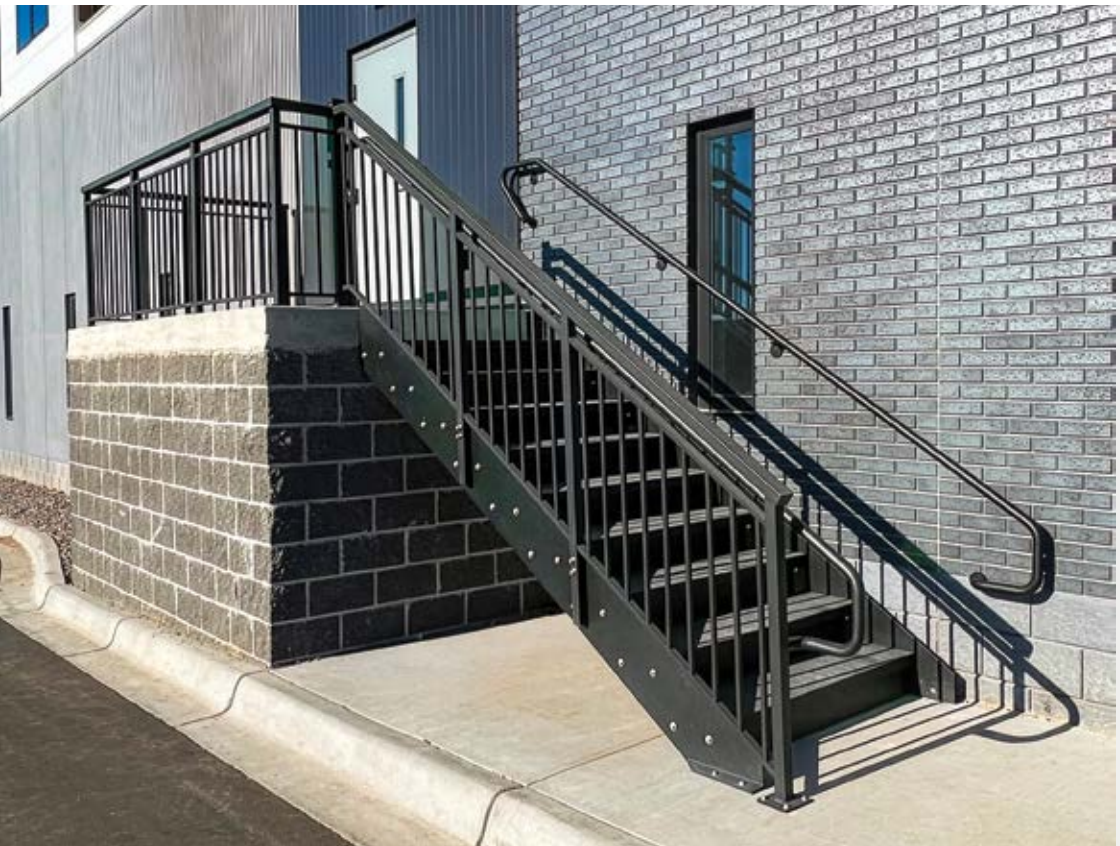




STAIRS & MISC. METALS

Custom-Fabricated Components That Shape Exteriors

Superior designs and fabricates aluminum stair systems and project-specific metal components for commercial and multifamily properties. From stair and railing systems to architectural elements, each assembly is constructed and finished for long-term performance in demanding outdoor environments.



Key Features

- Extruded aluminum stair systems
- Custom-fabricated guardrails and metal components
- AAMA 2604-compliant powder-coated finish
- Accommodates complex elevations and site conditions
- Designed to coordinate with Superior's exterior systems

ENGINEERING & FABRICATION

From Bid to Build-Ready

Superior gets involved from the start, supporting customers during budgeting and bidding with standardized systems, clear scopes, and practical technical insight. By aligning design intent with constructability from the start, we help teams price accurately, reduce risk, and move into production with confidence—setting the foundation for a smoother build.

Engineered for Real-World Conditions

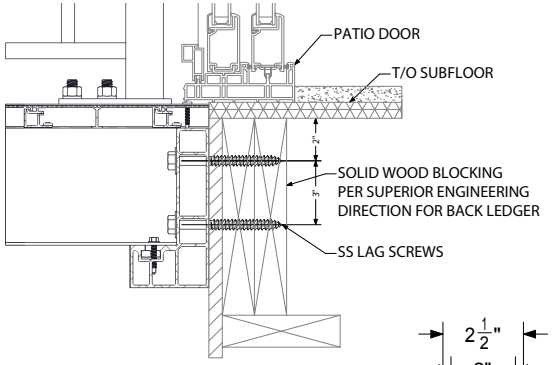
Once a project moves forward, Superior's engineering team translates approved designs into precise, buildable systems that account for structural requirements, attachment conditions, and site-specific variables. Every system is engineered with installation in mind, ensuring accurate fit, code compliance, and dependable performance in the field.

Precision Fabrication

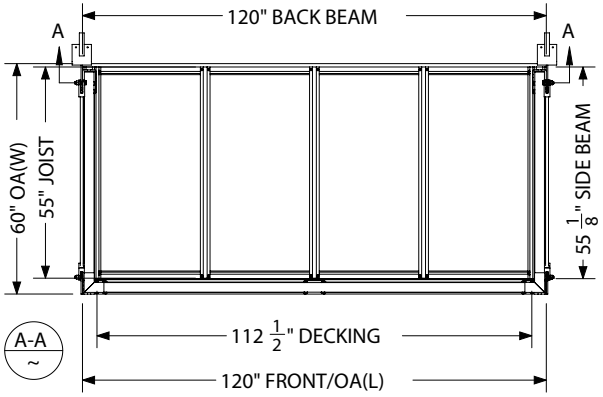
Superior balconies and architectural metals are pre-assembled in the U.S. to ensure strength, dimensional accuracy, and consistent quality, reducing on-site labor while maintaining clean detailing and a unified exterior aesthetic across balconies, railings, pergolas, and architectural metals.



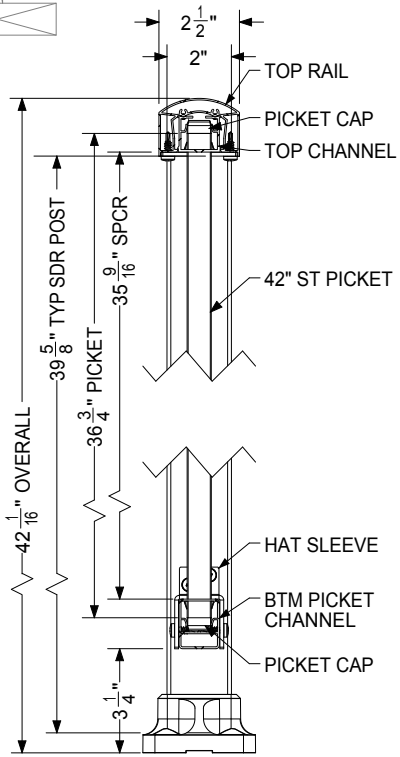
ISOMETRIC VIEW
SCALE 1 : 75



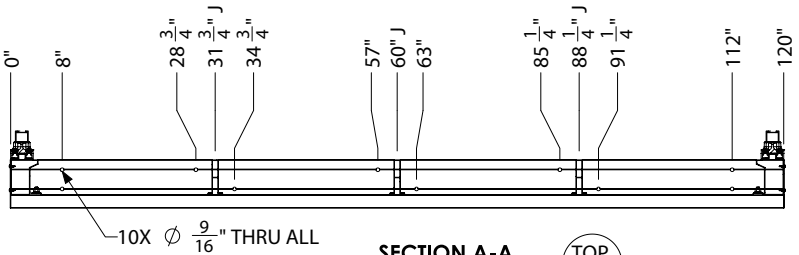
DECK CONNECTION
AT WOOD LEDGER



TOP VIEW



SINGLE TOP PICKET



SECTION A-A
SCALE 1 : 30

TOP





DELIVERY & INSTALLATION

Coordinated Delivery

Superior coordinates fabrication and delivery schedules to align with construction sequencing across trades, to help projects stay on track. By minimizing handling, staging, and assembly of the balcony systems, work flows smooth through all phases of construction.

Ready by Design

Designed for streamlined installation, Superior Decks and Railings merge easily with surrounding scopes of work, and improve sequencing across trades. Completed deck platforms arrive in the right order, ready to add pre-fit railings. Crews can focus on efficiency and safety, rather than problem-solving. Faster installs, reduced labor costs, and fewer conflicts on the job site are your Superior advantages.

From Bid to Install

From early estimating through final placement, Superior remains engaged throughout the project lifecycle, providing a dependable process that supports accuracy, efficiency, and confidence at every stage. It's not just about delivering aluminum products; it's about helping teams build smarter from bid to install.

PROJECT HIGHLIGHT

TENNYSON GERMANTOWN

NASHVILLE, TN

Featuring Superior Prefabricated Balconies & Railings

GENERAL CONTRACTOR:
AVENUE CONSTRUCTION

PRODUCTS SPECIFIED:
PREFABRICATED ALUMINUM BALCONIES & RAILINGS

ARCHITECT:
ROOTARCH

BUILDING TYPE:
MULTIFAMILY TOWNHOMES

DEVELOPER:
PLACE DEVELOPMENT

ARCHITECTURAL FIT:
DESIGNED FOR BRICK CONSTRUCTION

LOCATION:
NASHVILLE, TN

"SUPERIOR DECKS & RAILINGS HAS IT ALL – CUSTOMER SERVICE, AFFORDABILITY, AND HIGH QUALITY. EVERYONE THAT SEES THE TENNYSON AGREES THE BALCONIES ARE A PERFECT FIT FOR THE DESIGN AND BUILD. SUPERIOR DECKS ARE ROCK-SOLID AND LOOK BETTER THAN WE COULD HAVE EVER IMAGINED."

ADAM KAN
Vice President, Avenue Construction



Project Scope

Tennyson is a 16-townhome project in Nashville's Germantown neighborhood, a hub of historic brick buildings, walkable streets, and modern redevelopment. Avenue Construction wanted balconies that would complement a traditional feel while offering all the advantages of modern construction for the upscale, brownstone architecture.

The vision was to offer a truly unique product with elevated living spaces, ensuring all seven floorplans were built precisely to the architect's specifications.

Project Challenges

- Limited space for construction operations
- Scheduling coordination across trades
- Building in a historic community
- Waterproofing for seasonal rains

Solving Challenges Before They Reach the Jobsite

Avenue Construction's Tennyson partners had to work in tight quarters to keep the project schedule on track and on budget. This limited space presented many challenges, including sequencing subcontractors in short work windows and staggering construction into phases.

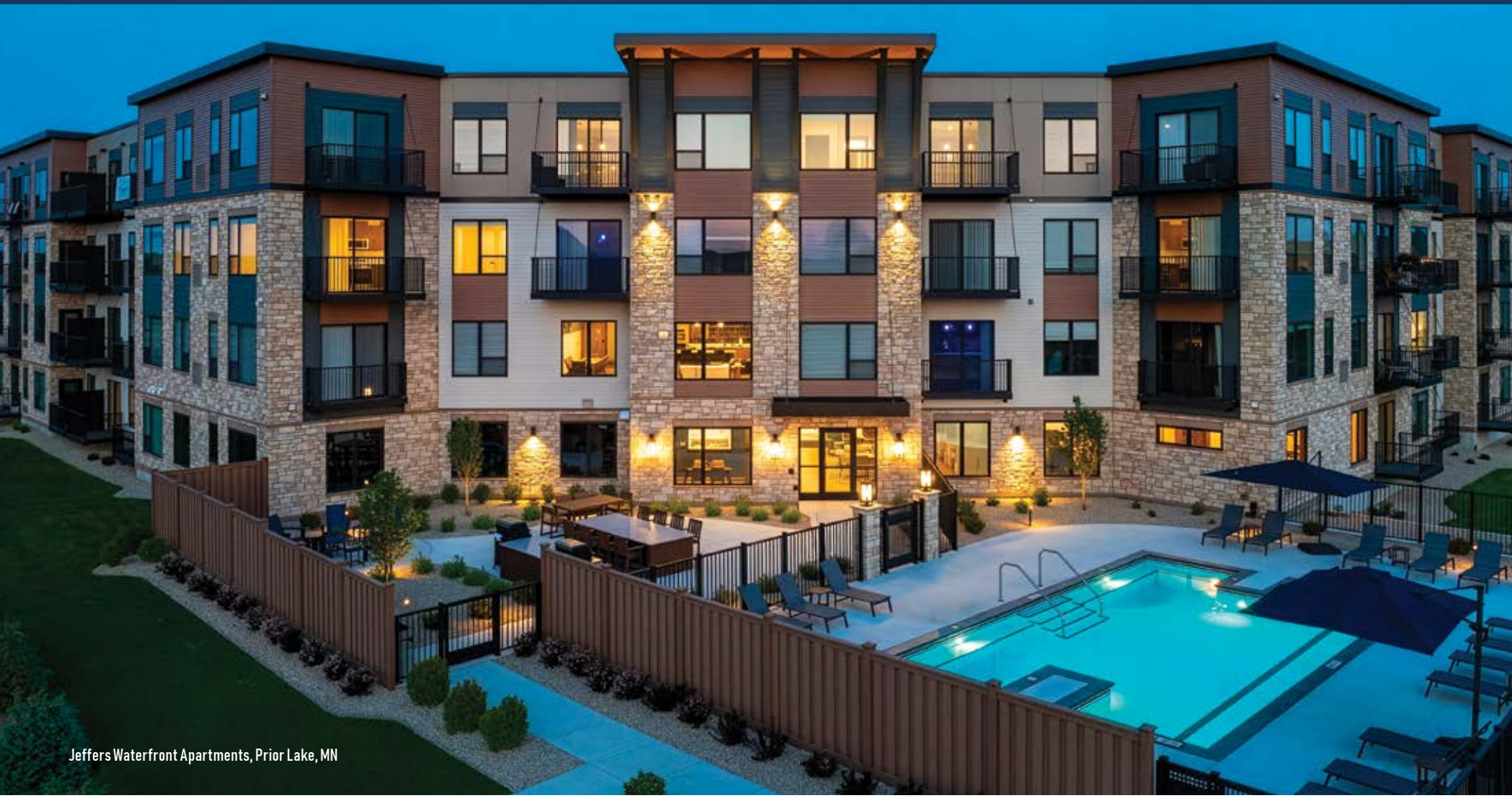
Superior's aluminum balconies proved to be the perfect fit for the job, with a small crew hanging all balconies in a day. The end result enhanced the architectural appeal of the historic brownstone community.





Superior Products Specified

- Superior Tie Rod Structural Connections
- Railing system: Rounded Double Top Rail, Picket Infill
- Installation method: Boom Lift



Jeffers Waterfront Apartments, Prior Lake, MN

SUPERIOR
DECKS & RAILINGS

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