

ISSN 2835-9429

OCTOBER - 2024



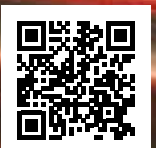
CONSTRUCTION BUSINESS **Review**

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EcoSteel

**BETTER, STRONGER,
SAFER PRE-ENGINEERED
STEEL BUILDINGS**



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EcoSteel



Certificate



EcoSteel



This award is in recognition of **EcoSteel's** stellar reputation and trust among customers and industry peers, evident in the numerous nominations we received from our subscribers. **EcoSteel** emerged as a **Top Company** after an exhaustive evaluation by an expert panel of C-level executives, industry thought leaders, and our editorial board.

Awarded By
CB CONSTRUCTION BUSINESS Review
 ISSN 2835-9429

EcoSteel

BETTER, STRONGER, SAFER PRE-ENGINEERED STEEL BUILDINGS

By Robert Mathews

Most property owners today seek building designs that reflect the uniqueness of their business. However, the metal building industry often prioritizes cost efficiency over customization, which can result in generic, uninspired buildings with limited design options. For example, building frames may be restricted to standard spacing, such as 20 or 25 feet, limiting flexibility.

“You dream it, we engineer and deliver the solution”—that’s the promise EcoSteel makes to property owners.

EcoSteel, a leading provider of high-performance, pre-engineered steel building systems, offers a more contemporary approach that transcends conventional, standardized designs. Specializing in custom residential, commercial, and retail structures, each framing module is tailored to align with the architect’s vision and the property owner’s distinctive design requirements. Unlike traditional designs that impose uniformity, the company fosters design freedom, ensuring that each structure is both unique and innovative.

“To deliver an all-steel system that matches clients’ architectural plans, our team audits the provided schematic designs to ensure compatibility with our construction system, while preserving the project’s visual appeal,” says Joss Hudson, CEO of EcoSteel. “The focus is on improving the building’s aesthetics, increasing energy efficiency, simplifying on-site construction, and streamlining interactions with other subcontractors.”

The World’s Most Advanced Eco-Friendly Construction Systems

The current industry often prioritizes cost efficiency over innovation. Many companies focus on maximizing steel production, pushing customers toward the cheapest options, regardless of suitability. This can result in efficient but uninspiring projects.



WE DESIGN PRE-ENGINEERED STEEL BUILDING COMPONENTS, WHICH ENABLE US TO OFFER AN ADVANCED PLATFORM FOR BUILDING INFORMATION MANAGEMENT (BIM) INTEGRATED WITH CUTTING-EDGE ENGINEERING AND CONSTRUCTION TECHNOLOGY. OUR STRUCTURES ARE DESIGNED TO MEET OR SURPASS LOCAL BUILDING CODES AND WITHSTAND NATURAL DISASTERS LIKE EARTHQUAKES, HURRICANES, FLOODS AND WILDFIRES

Additionally, due to the emphasis on quantity, many companies neglect key elements like project management and attention to detail. Complex projects require a hands-on approach, with a dedicated team working closely with contractors and architects to ensure every detail is addressed.

EcoSteel focuses on delivering exciting, innovative projects that provide a superior customer experience, going

beyond the mere quantity of steel produced. Renowned for its ability to transform ideas into visually appealing buildings, the company delivers projects safely, on time, and within budget. Durability, rapid construction, design flexibility, attractive appearance, energy efficiency, and cost-effective construction and maintenance are additional benefits it offers. Each of its designs represents the strongest, most efficient steel building systems in the world, providing unmatched safety and security for generations.

“Our steel building components enable us to offer an advanced platform for building information management (BIM), integrated with cutting-edge engineering and construction technology,” says Hudson. “Our structures are designed to meet or surpass local building codes and withstand natural disasters like earthquakes, hurricanes, floods, and wildfires.”



WE DEVELOP AN ALL-STEEL SYSTEM TAILORED TO MATCH CLIENTS' ARCHITECTURAL PLANS. THE TEAM AUDITS THE PROVIDED SCHEMATIC DESIGNS TO ENSURE COMPATIBILITY WITH OUR CONSTRUCTION SYSTEM, ALL WHILE PRESERVING THE PROJECT'S VISUAL APPEAL. THE FOCUS IS TO IMPROVE THE BUILDINGS AESTHETICS, INCREASE ENERGY EFFICIENCY, SIMPLIFY ON-SITE CONSTRUCTION AND STREAMLINE INTERACTIONS WITH OTHER SUBTRADES

Creating Better Structures with Advanced Tech and Innovative People

EcoSteel attributes its creativity in metal building to adopting a modern approach. It leverages cutting-edge software and pushes the boundaries of what these buildings can achieve, both in terms of functionality and design. As a technology-driven firm, EcoSteel uses advanced technology like Autodesk Revit, a 3D modeling platform that leverages BIM, and AI-driven solutions to create unlimited customized designs. BIM utilizes a relational database, enabling the company's 3D models to generate detailed fabrication drawings and conduct advanced analyses, including conflict detection, engineering assessments, and solar performance evaluations.

For example, using 3D models, EcoSteel can simulate how solar panels will perform during the summer and winter solstices, taking real-world data into account through tools like Google Earth Pro. From concept to completion, EcoSteel breaks away from rigid, traditional designs, allowing architects to create something exclusive, modern, and truly tailored to clients' visions. This personalized, value-driven approach ensures that every project stands out and meets the highest efficiency standards.

To deliver extraordinary results, EcoSteel collaborates with exceptional architects who are inspired to go beyond simply replicating standard designs. These architects push the boundaries of what steel can achieve. The company is actively involved throughout the process, providing valuable input at key stages.




For example, it might suggest spending just a few extra dollars per square foot to significantly enhance the curb appeal of a building without breaking the budget. The team consists of highly experienced professionals, all aligned in their forward-thinking approach to each project, constantly seeking creative ways to deliver more value without unnecessary costs.

The company's capabilities are showcased through its collaboration with EJ Basler, a leader in precision machining technologies and techniques. Dennis Basler, one of the three owners, says, "For our latest addition, we needed a high-efficiency structural panel building. During our search, we discovered EcoSteel. Joss Hudson and the team brought a visionary design to the table, integrating many aspects of our existing structure with their panels. The results have been outstanding. Our new 30,000-square-foot building offers exceptional insulation, maintaining optimal temperatures year-round. Our associates are thrilled with the new facility, and we couldn't be more pleased with the outcome."

The Art and Science of EcoSteel's Building Design

The majority of the metal building industry still relies on outdated software developed in the 1990s, with minimal advancements since then. EcoSteel has moved far beyond that, using modern platforms like Revit and Tekla. These tools allow it to create far more sophisticated, high-end models that architects can use to coordinate every aspect of the building design.

What's even more exciting is EcoSteel's ability to produce stunningly realistic renderings, giving clients a clear vision of the final product. Unlike the flat 2D wire drawings still used by much of the industry, its photorealistic renderings allow customers to make informed design decisions and adjustments with a visual reference that closely mirrors the finished structure. Additionally, the company is heavily incorporating AI into its processes, optimizing the design process by identifying the most efficient ways to bring these complex buildings to life.

“In this customized project delivery, our team's involvement begins with the very first phone call and continues through to the final delivery of the building. This allows us to focus on delivering tailored solutions that align with the specific needs of our clients, rather than trying to force them into a predefined mold,” says Hudson. 



Construction Business Review
(ISSN 2835-9429)

Published from
600 S ANDREWS AVE STE 405,
FT LAUDERDALE, FL 33301

www.constructionbusinessreview.com