



"We bring it all together"
STEEL ERECTORS ASSOCIATION OF AMERICA

Member Profile: Structal



Marlin Stadium



Falcon



BC Place

For more than 50 years, Structal-Heavy Steel Construction (Structal) and its parent company Canam Group have been designing engineering, fabricating, managing and erecting steel structures for clients throughout North America and around the world. The variety of complex projects Structal undertakes — commercial and high-rise buildings, automotive, aeronautical and industrial plants, steel mills, stadiums, arenas and convention centers — attest to its versatility in producing steel structures and its ability to provide solutions tailored to the unique needs of its clients worldwide.

Clients have the assurance that their project is in good hands because Structal, as a division of Canam Group Inc., boasts solid financial strength, a highly qualified team, fabrication know-how and flexibility. Structal has led the industry in developing and introducing new technologies to reduce lead times, ensure superior quality and offer competitive prices. Clients who partner with Structal benefit from an alliance that assures them of fast-track design and construction. Structal helps its clients achieve success by drawing on its experience and proven construction solution and services.

Steel Building Solutions

Structal offers steel building solutions that rise to construction industry challenges including: design-build, design-assist, engineering, virtual design and construction, building information modeling (BIM), detailing, project management, fabrication and erection. From design concept to completion, Structal has the cutting-edge expertise and production capabilities to successfully execute all projects.

Steel Fabrication

Structal is recognized for its steel fabrication capabilities, with the core of its services focusing on quality fabrication. As a division of Canam Group, Structal has access to a fabrication network of 20 plants located throughout the United States and in Canada. Their combined



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annual production capacity is over 500,000 tons. Each plant achieved at least one, or many certifications:

AISC – American Institute of Steel Construction
Cbd – Complex Steel Building Structures
Cbr – Major Steel Bridges
CISC – Canadian Institute of Steel Construction
CWB – Canadian Welding Bureau
F – Fracture Critical Endorsement
FM – Factory Mutual System
IAS – International Accreditation Service
ICBO – International Conference of Building Officials
ICC – International Code Council
ISO – International Organization for Standardization
P – Sophisticated Paint Endorsement
SDI – Steel Deck Institute
SJI – Steel Joist Institute
UL – Underwriters Laboratories
ULC – Underwriters' Laboratories of Canada

Value Engineering

To maximize efficiency and minimize fabrication costs, Structal has developed a system of value engineering on all projects. Early in the process, Structal's engineers, in collaboration with the engineer of record (EOR), carefully evaluate the proposed structural design to identify areas that could be redesigned to generate significant cost and time savings.

Building Information Modeling (BIM)

With the latest design, engineering and fabrication technologies at its disposal, Structal delivers projects on time and on budget. A case in point is Building Information Modeling (BIM), which is used to design, fabricate and erect projects efficiently and effectively. Visualizing the project as a whole allows the stakeholders to detect potential problems, identify the critical path and find the best solutions before problems occur. Structal has access to a team of over 400 detailers/modelers in Canada, the United States, Romania, India and Hong Kong.

Project Management

Structal's project management team strives continuously to serve the client's best interests by ensuring that performance standards and budget requirements are met. Its project managers and on-site project management supervisors work in partnership with the project team to ensure that the steel components meet the highest quality standards, arrive on the construction site on time, are erected on schedule and stay within budget.



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Exceptional customer service

Customer service is paramount at Structal. Whether it's for delivery deadlines or product compliance, every detail is important to ensure customer satisfaction.

More information is available at www.structal.ws.