



JDG
CONSTRUCTION

SPECIALIZING IN
STEEL BUILDINGS

WHY CHOOSE **JDG** CONSTRUCTION MANAGEMENT?

With over 35 successful years of steel construction behind it, JDG continues to move forward by providing clients with the highest possible level of service. Since JDG's inception in 1985, we have been a recognized leader in steel building innovation and pre-engineered solutions. Over the past 35 years it has been our great pleasure to successfully construct several hundred diverse projects for all sectors of B.C. industry.

JDG Specializes in pre-engineered buildings, general contracting and in providing design/build services. From a modest private shop or storage building to the most complex industrial project steel buildings have proven to be an economical and efficient building solution.

JDG provides the same high level of service to our new clients that our many repeat customers have come to expect from us on all projects regardless of size. same high quality service for every project and customer.



DESIGN BUILD SERVICES

One of JDG's key strengths, and a major reason for their success to date, is their experience and proven capabilities in providing clients with a sound design build program. Utilizing the design build model allows clients to reap the many benefits of having an experienced single source builder responsible for both the design and construction of their project, ultimately saving time and money.



THE BENEFITS OF STEEL BUILDINGS

These are just some of the many benefits of choosing steel buildings for your next construction project. Whether it's pre-engineered or designed from scratch, steel buildings offer a fast and efficient solution.

FASTER

Faster construction times mean quicker completion and lower costs.

VERSATILITY

Steel buildings can be configured with long spans, high clearances and numerous special finishes to easily accommodate almost any complex requirement.

MAINTENANCE

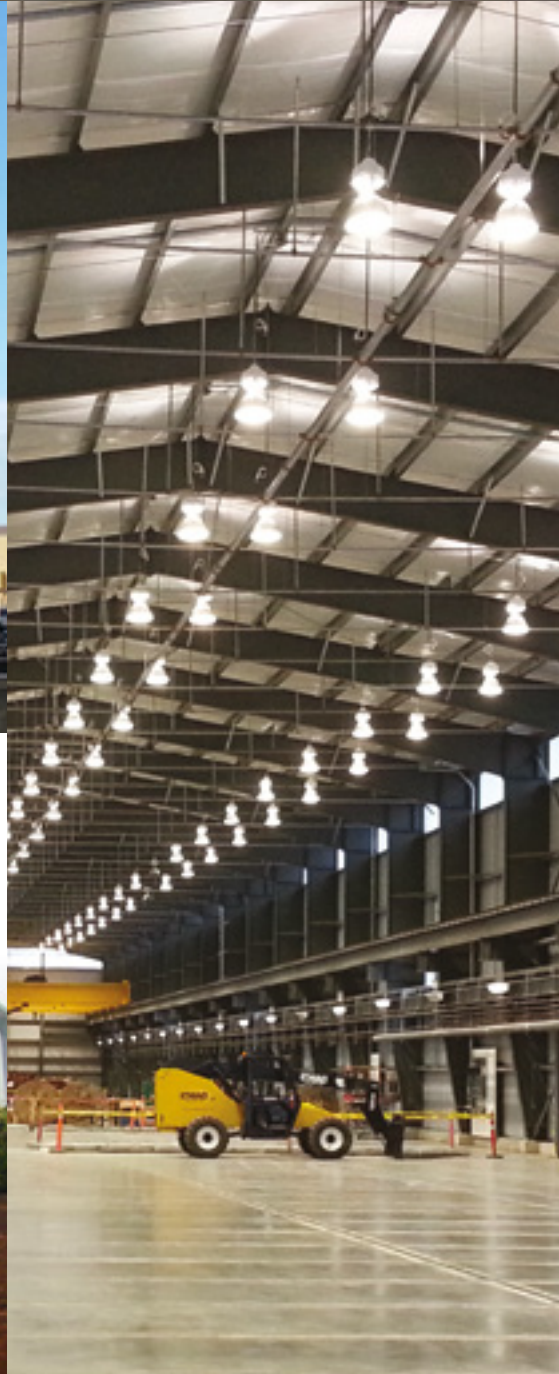
Lower long term maintenance costs. With minimal maintenance a steel building's lifespan can be measured in the tens of decades.

THE ENVIRONMENT

The steel used in our buildings contains 90+% recycled materials, as does our fiberglass metal building insulation. Steel buildings can be configured to address even the most stringent thermal requirements.

ECONOMY

Steel Buildings provide efficient spans, low maintenance roofs, factory pre finished panels and a variety of insulation options that result in an unsurpassed economical structure.



VERSATILE FRAMING SYSTEMS

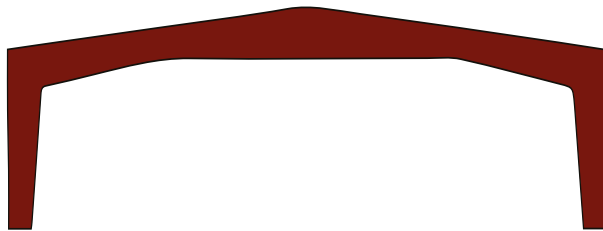
A structural framing system is the backbone of a building, and a pre-engineered steel building offers an extensive selection of options to maximize its functionality and productivity.

RIGID FRAMES

Rigid frame systems with tapered or straight columns offer unmatched versatility in building design. A clear span framing system is ideal for applications requiring large areas of uninterrupted space, such as hangars, auditoriums, gymnasiums and riding arenas. Modular span frames offer a cost-effective solution that adds all the features of clear span frames in applications where interior columns are not a hindrance.

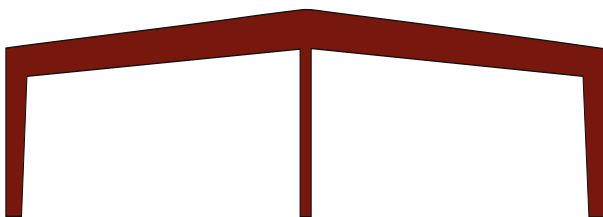
CLEAR SPAN

- Straight or tapered sidewall columns
- Double slope or single slope
- Spans up to 250'
- Ideal for applications that require column-free interior spaces such as auditoriums, gymnasiums, and aircraft hangars



MODULAR

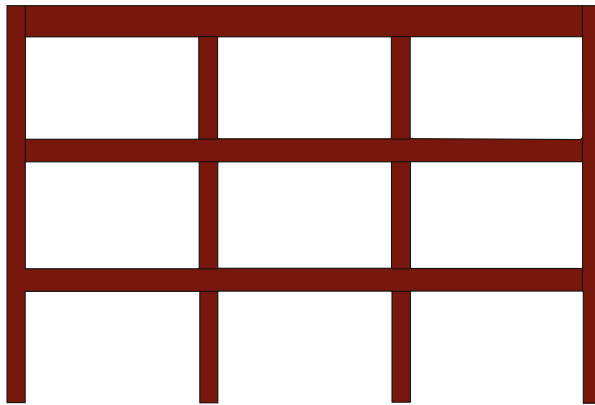
- Straight or tapered sidewall columns
- Double slope or single slope
- Frame widths up to 600' with unlimited interior column spacing
- Ideal for spans greater than 80' in applications that allow interior columns such as offices and warehouses



CONVENTIONAL MULTISTORY

Multistory framing systems add all the precision and efficiencies of pre-engineered systems construction in conventional building applications. They're ideal for large office complexes, medical buildings, educational facilities, and more.

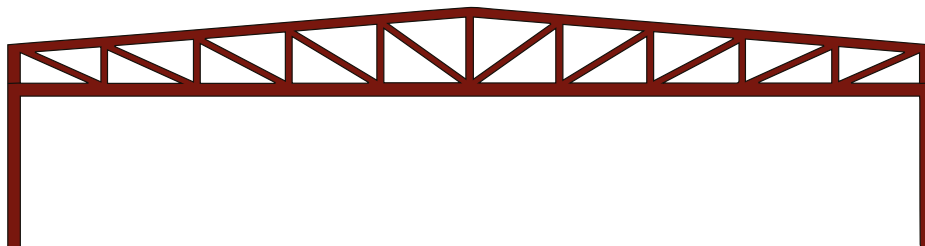
- Rigid or braced frame systems
- Most economical structural sections are used for columns and beams: 3-plate built-up members, wide flange, or hollow structural sections
- Ideal for heavy floor loads and applications that allow interior columns
- Ideal applications are offices, retail, and other commercial buildings



WIDE SPANS

Wide span systems feature an open web truss design for exceptional flexibility in applications where the widest allowable spans are required. These incredibly strong framing systems are ideal for such applications as aircraft hangars and indoor sports facilities.

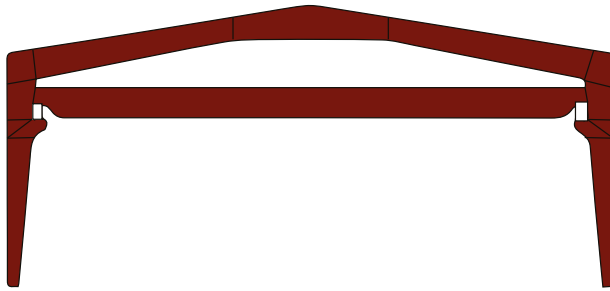
- Spans up to 500'
- Deep trusses allow greater strength and stiffness than rigid clear span frames while minimizing material usage
- Ideal for very heavy loads or large clear spans
- Typical uses include hangars, indoor sporting facilities, and industrial applications



CRANE SYSTEMS

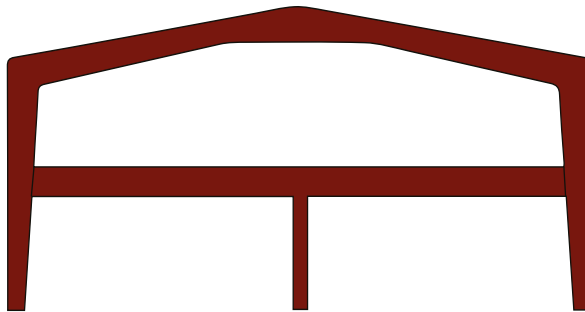
Crane systems are specifically designed to meet the added load requirements of heavy industrial buildings. They also feature large areas of uninterrupted interior space to further accommodate production machinery and equipment.

- Multiple methods for supporting the crane: hanging from the roof beam, on crane brackets, on separate crane columns, or stepped crane columns
- Can support up to 300-ton cranes
- Crane runway beams and crane rails, as specified, may be included with the building package

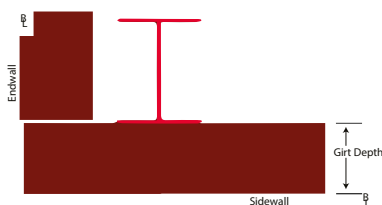


MEZZANINES

Mezzanine framing systems offer flexibility and an efficient use of space in a variety of building applications. They can be designed for offices, shop space, or retail merchandising, including live loads for heavy storage.

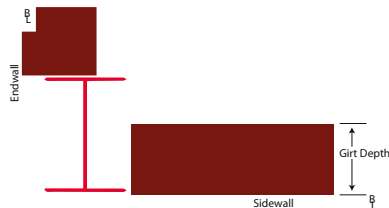


GIRT DETAILS



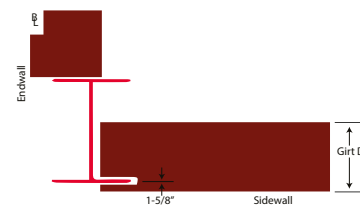
OUTSET WALLS

Matches the Girt Depth



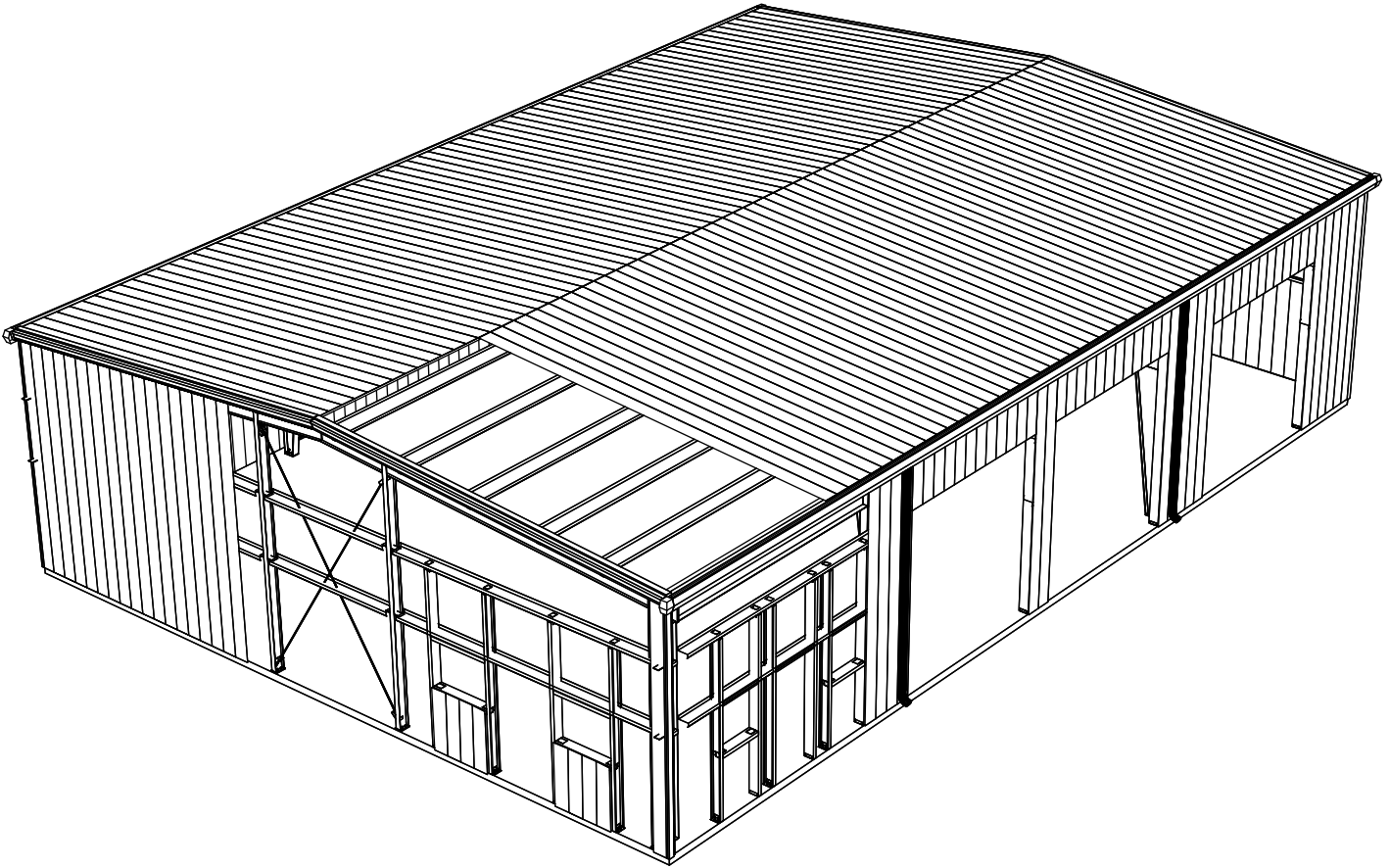
FLUSH WALLS

0" from Column Flange to (BL)



INSET WALLS

1-5/8" from Column Flange to (BL)



THE BEST IN CONSTRUCTION **MANAGEMENT**

JDG provides a full service construction management service committed to the success of your project. Our efficient management process with special attention paid to details is in effect from the start of a project to it's completion. Throughout every project JDG Construction Management ensures every facet of the project is done right – every step of the way.



BUILDING APPLICATIONS

Steel buildings are the top choice in many different industries, including agriculture, recreation, forestry, air, commercial and retail applications. Many large industries choose steel buildings, in part, because of the large, clear spans steel buildings can provide.

The versatility in structural framing options from clear spans to modular frames, peaked roof profiles to single slope frames, a steel structure can be made to suit any configuration.

Steel buildings are not just for large-scale industrial applications like shipyards and air hangars. JDG offers steel buildings services for small-scale projects as a superior choice for a cost-effective and convenient garage or shop project. Not only will a steel garage be more affordable and faster to build than with traditional constructions, it will be customized to your needs.

THE GREEN IN **STEEL**

The incredible cost-effectiveness of steel buildings is due to a number of factors: fast and efficient design and build times, affordable materials, and, factors that are often overlooked, sustainability and energy efficiency.

From production to long-term use, steel buildings provide an environmentally friendly alternative to traditional materials. Steel's unique ability to be recycled means it has less of an environmental impact and costs less during production.

Steel buildings also provide increased heating and cooling efficiency, protecting your building from expensive heat loss, as well as keeping much-needed cooling.

Steel is so durable, standing up to all sorts of weather conditions and resisting corrosion, steel buildings have a reputation for being long-lasting and maintenance-free for decades.

Superior energy-efficiency of steel buildings, many steel building projects may be eligible for LEED design credits.



THE RIGHT CHOICE

FOR YOUR NEXT PROJECT

JDG Construction Management is the right choice for your next project. With a reputation that has won accolades as well as a loyal customer base, JDG continues to offer the highest quality service with a product that is affordable, adaptable and durable.



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