

American
Buildings
Company

ATHLETIC & RECREATIONAL FACILITIES

ABC leads the way in
metal building construction
for athletic and recreational
facilities.



INNOVATION.
TECHNOLOGY.
SOLUTIONS.

Our experience in the metal buildings industry puts us out front in the design and construction of athletic and recreational facilities.

Since 1947, American Buildings Company has enjoyed growth as dynamic as the metal buildings industry itself. ABC manufactures metal building systems that are ideal for sports or recreational facilities. Custom-designed, clear-span systems meet all your recreational needs – from open playing and spectator spaces to locker rooms, childcare zones, lounge areas, food service and more.

Economical, Advanced & Expertly Built

ABC's athletic and sports facilities are designed and built to have the lowest possible initial construction and life cycle costs – the total cost of ownership over the entire life of the facility. Our advanced computer design technology speeds project completion time, provides fully predictable costs and affords complete flexibility of building layout and appearance. As a leader in the metal buildings industry, American is represented by a network of Authorized Builders. Each one is an experienced, highly skilled commercial builder who can take single-source responsibility for the success of every project.

Simplified Design

Engineered systems are quickly replacing conventional construction practices because no other method offers the designing, detailing, manufacturing and management of an entire project all from a single source. This streamlined method eliminates confusion, the need for multiple suppliers, loss of control and, most importantly, delays and cost duplication. What's more, with engineered systems, the construction schedule is controlled by the Builder instead of an outside vendor who has little or no contact with the owner. American Buildings Company has been a leader in this approach for more than 70 years, and today offers unsurpassed expertise with proven economies of scale and money-saving building programs – the things that are important to you.

Preconstruction Services

Through our extensive Builder network, ABC offers assistance with design and planning, specifications and scope development, and budget pricing in the preconstruction phase of your project. Because we have resources dedicated to respond to the needs of our customers, we can provide preliminary foundation reactions and detailed BIM models with your specific schedule in mind to avoid costly project delays.

Fast, Cost-Effective Construction

Our goal is to provide the customized building solution you're looking for, while also minimizing the initial cost of your investment. Our advanced engineering capabilities provide designs with fewer parts, and our smart, easy-to-construct systems provide a fast, economical way to build your athletic or recreational facility. Thanks to our advanced technology and expertise, we're able to custom-design, engineer and manufacture your project while simultaneously ensuring speedy delivery and erection – all without increasing costs.

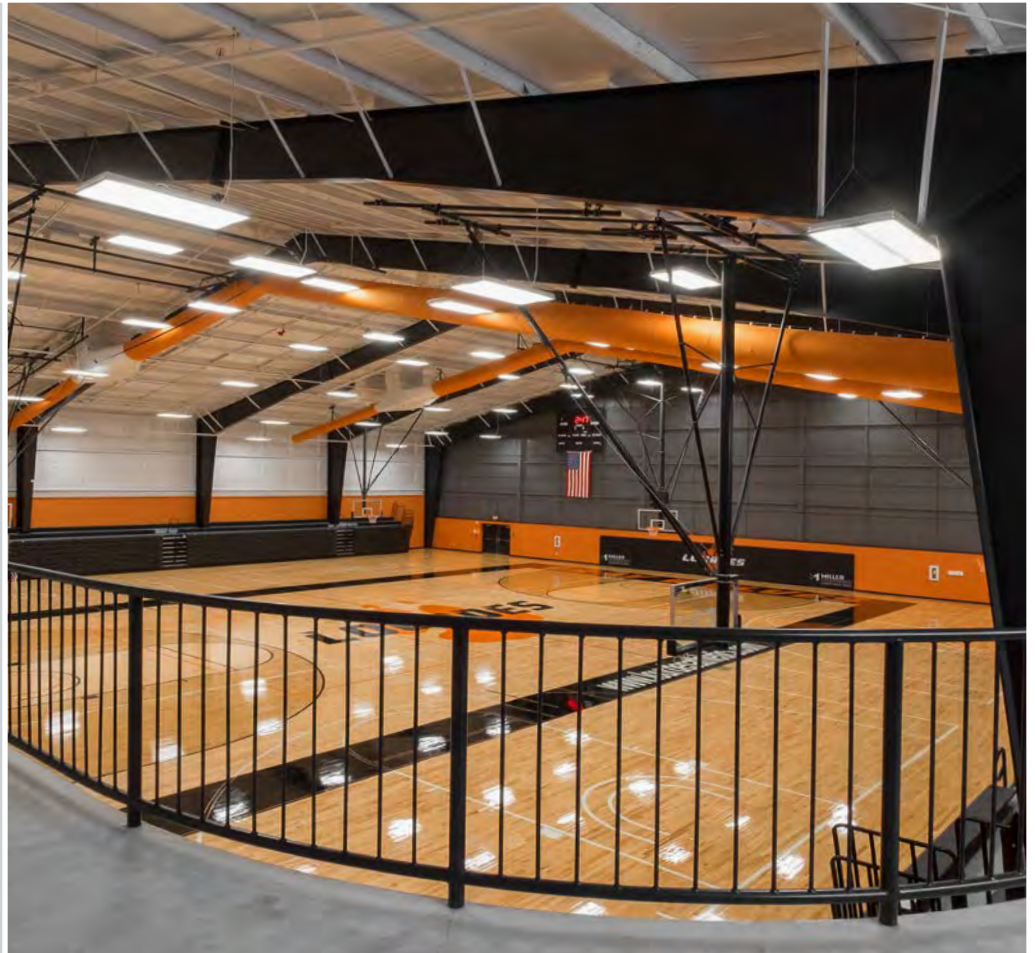
ABC KEY ADVANTAGES

- Design Versatility and Custom Engineering
- Faster Design and Erection
- The Sustainability and Recyclability of Steel
- Energy-Efficient Metal Roofing Systems
- Lower Life Cycle Costs
- Energy-Efficient Coatings
- Insulated Wall Panels
- Accommodates Indoor Tracks and Pools
- The Financial Strength of Nucor Corporation
- Experienced Network of Authorized Builders



Metal building construction costs are lower compared to conventional construction.

The affordability, design flexibility and energy efficiency of metal building systems make them a very appealing solution for athletic/recreational facilities.

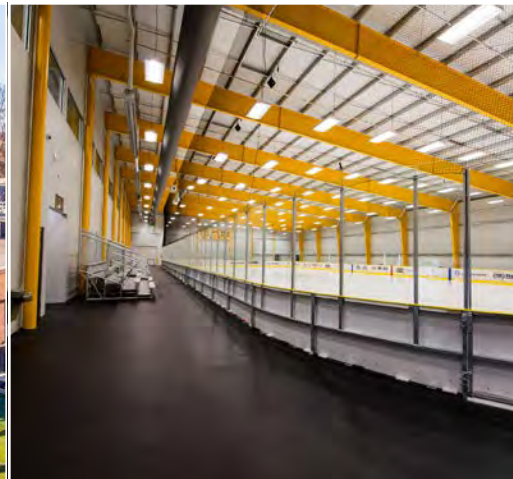




ABC metal buildings provide versatile building solutions

- Baseball/Batting Facilities
- Basketball Arenas
- Equipment Storage
- Fitness Centers
- Gymnastics Facilities
- Ice Hockey/Skating Rinks
- Indoor Practice Facilities
- Locker Rooms and Showers
- Meeting and Banquet Spaces
- Soccer Facilities
- Staff Offices
- Swimming and Diving Venues
- Tennis and Racquetball Facilities
- Ticket and Concession Sales
- Track and Field Facilities
- Weight Training/ Conditioning Centers
- Volleyball Courts

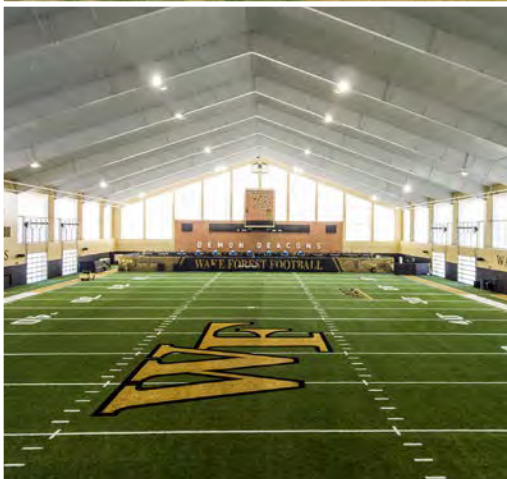
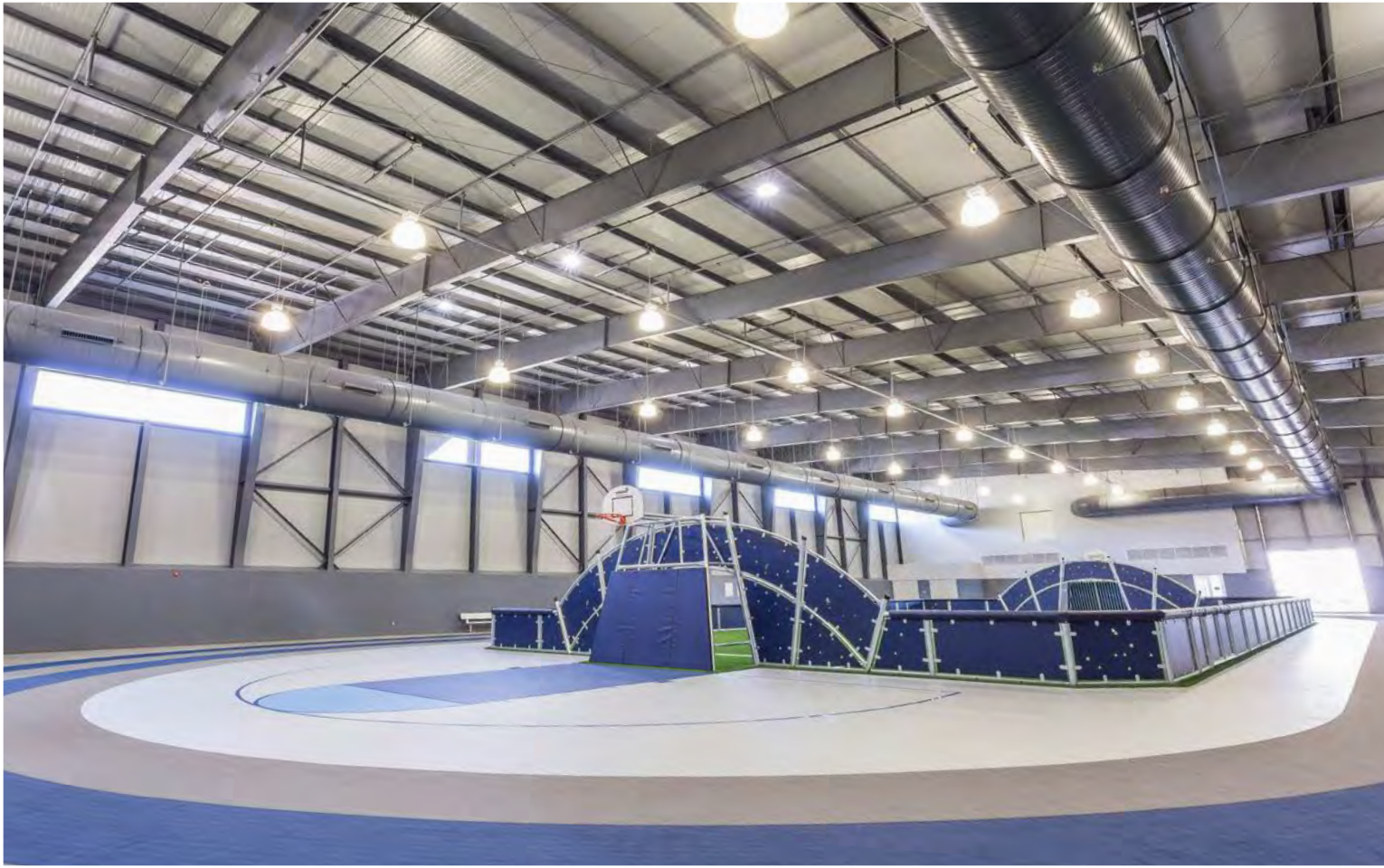




Dynasties start with a strong foundation.

More and more school districts and communities are discovering that ABC athletic facilities maintain their beauty and structural integrity remarkably well over time – making them the smart, surprisingly economical choice for high school athletic buildings like the Eufaula, Alabama Tigers indoor practice facility. (left)

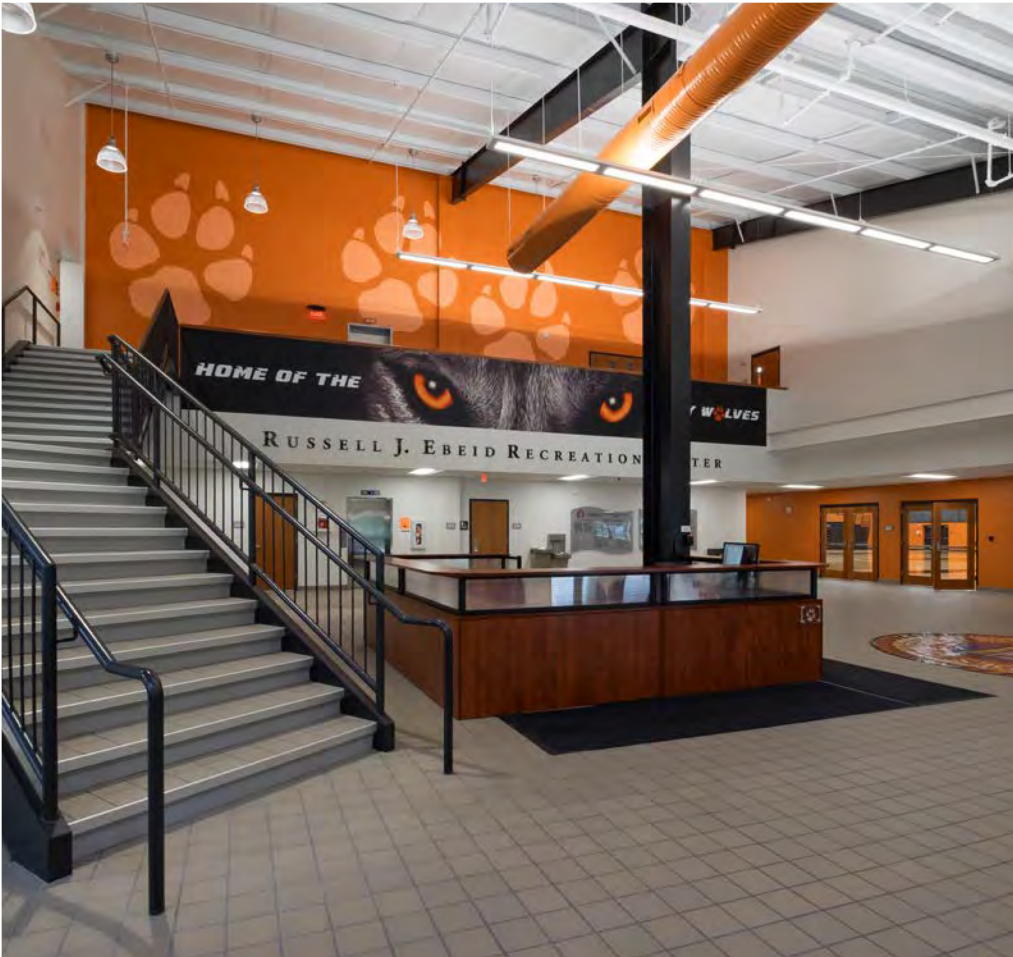






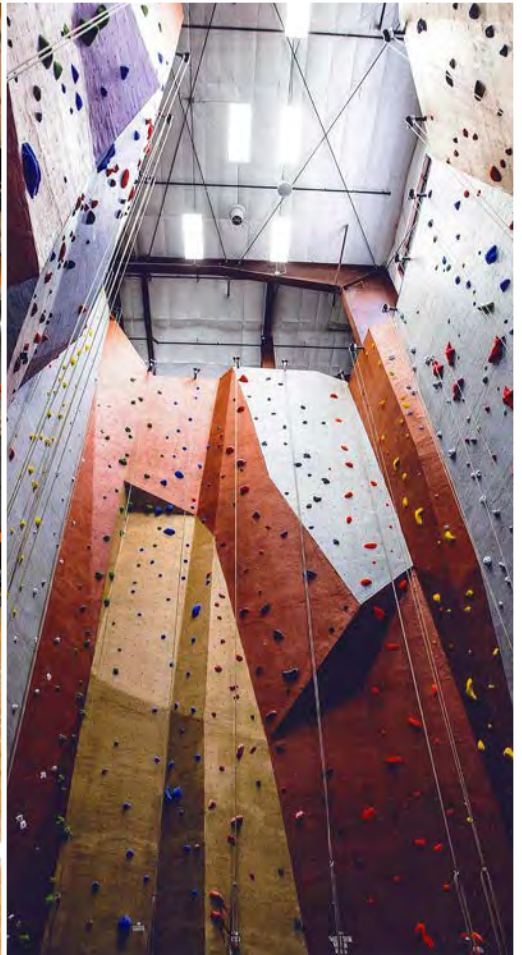
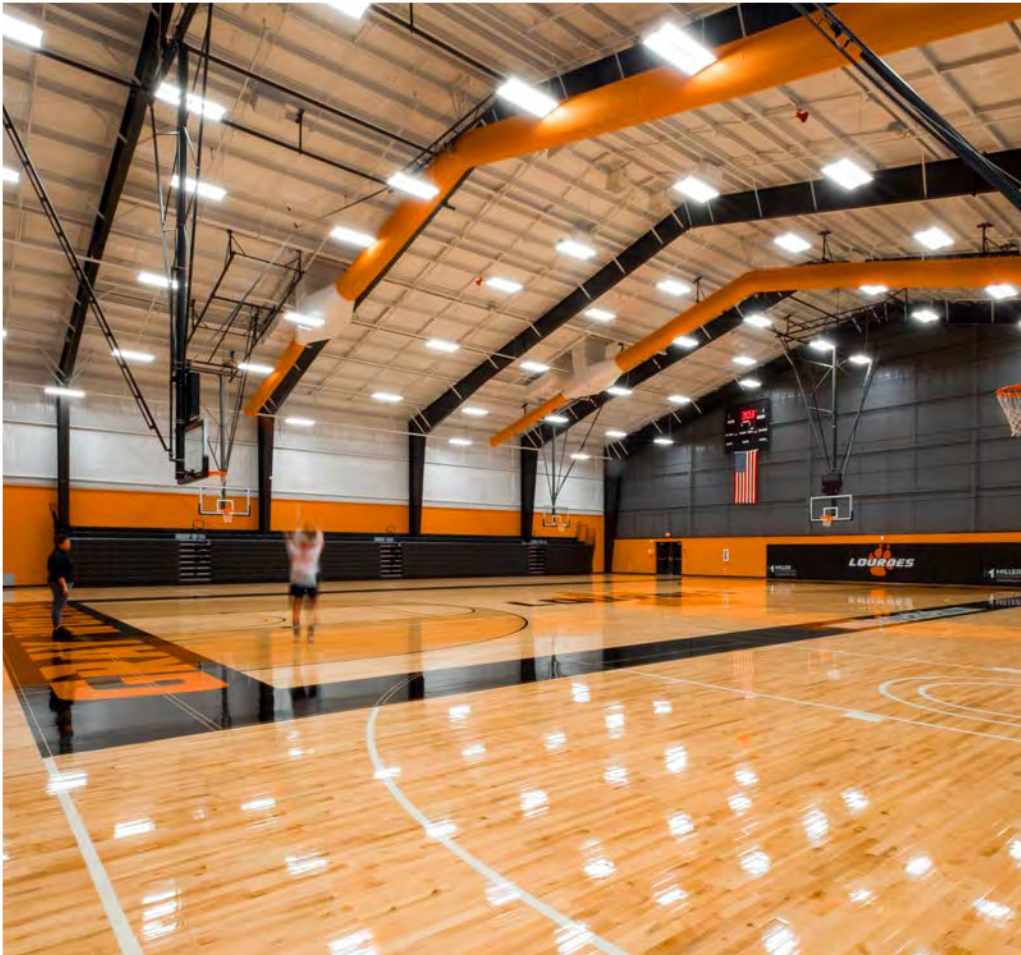
ABC's top-quality sports and recreational facilities maintain their good looks year after year and maximize your return on investment.





Metal buildings are a more economical solution for athletic facilities, gyms and other multipurpose spaces with large clear spans.

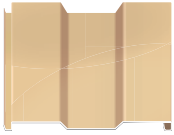




ABC offers wall and roof panel systems that perform season after season after season.

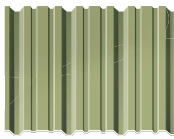
Wall & roof panels provide aesthetic flexibility and design choices to accommodate the needs of any project.

ABC WALL PANELS



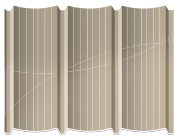
SHADOW

These embossed panels have deep fluted profiles that accent contrasting shadow patterns.



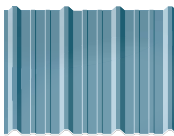
ARCHITECTURAL III

These wall panels provide 36" width coverage with a decorative shadow line and semi-concealed fasteners.



ARCHITECTURAL "V" RIB

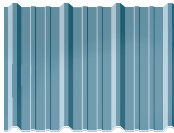
These wall panels provide 36" of coverage and reveal a sculptured appearance utilizing semi-concealed fasteners.



LONG SPAN III

These wall panels have 1-1/4" ribs on 12" centers for an even-shadowed appearance.

ABC ROOF PANELS



LONG SPAN III

These roof panels provide an even-shadowed appearance and are reinforced between the ribs for added strength.



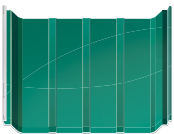
LOC-SEAM/LOC-SEAM 360

Loc-Seam and Loc-Seam 360 standing seam roof panels offer a flat profile for an attractive appearance on higher pitched roofs.



STANDING SEAM II & STANDING SEAM 360

In American standing seam roof systems, the roof floats on a system of sliding clips that prevent damage from thermal expansion and contraction. For greater weather tightness, standing seam designs also eliminate 80% of the through-fasteners found in other systems.



ABC insulated wall & roof panels are the ultimate in energy efficiency.

Our patented panels make your athletic/recreational facility easier to cool in hot summer months and keep out more cold air in winter.

ABC INSULATED WALL PANELS

IDEAL PROFILES

Each of our wall panel profiles is ideally suited for athletic and recreational facilities. The attractive profiles break up the flat expanse of metal on larger projects.



STRIATED PROFILE



PLANK PROFILE



HEAVY EMBOSSED PROFILE



ADOBE TEXTURE™ PROFILE



STANDING SEAM ROOF

Colors that lower energy costs

All of ABC's wall and roof panels are available with our proprietary SP or PVDF cool coating finishes. Vivid color. Eco-efficiency. Low-maintenance reliability. Nothing works better longer than PVDF cool coated paints.



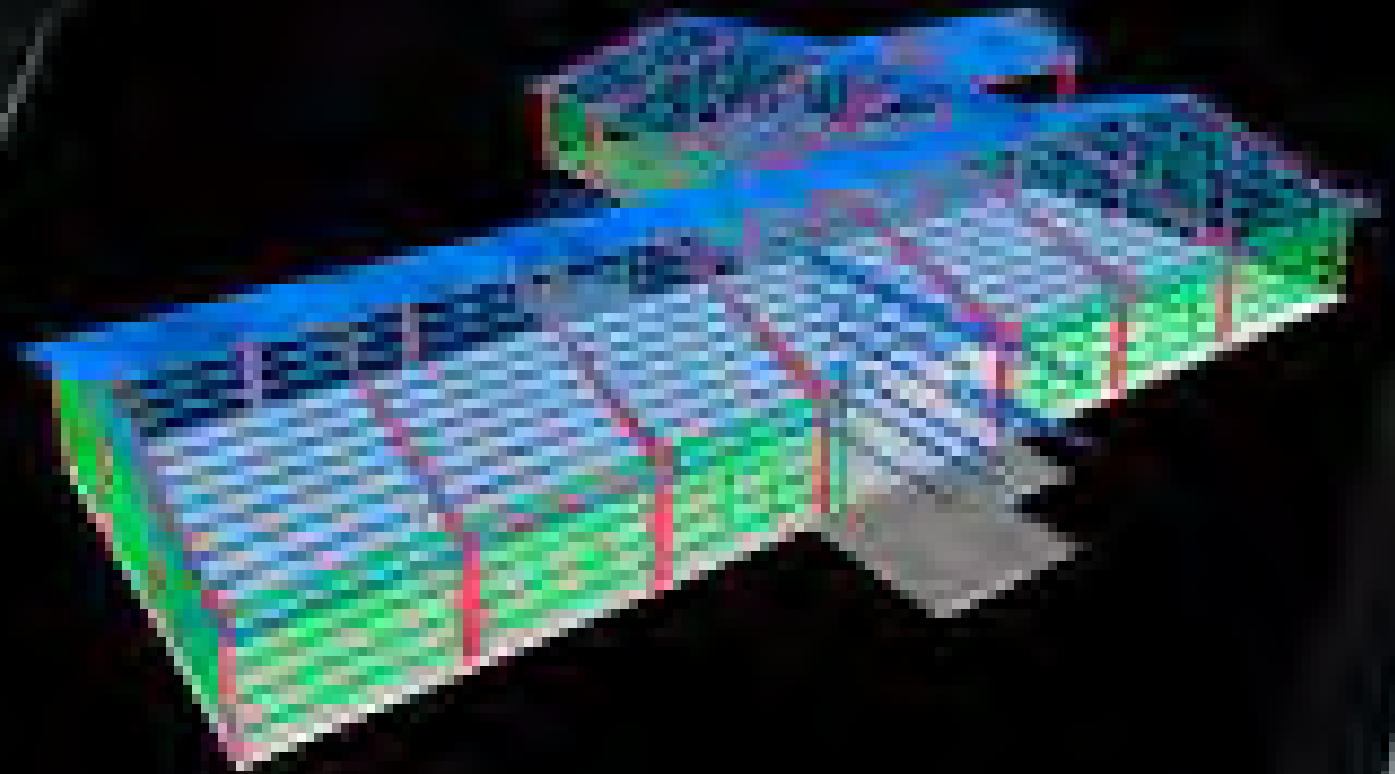
Beautiful colors & color combinations increase the value of a building and create a sense of pride for the building's owners



ABC & BIM

Consider the game changed

The BIM process produces a digital prototype of your project, allowing you to build it virtually before building it in reality.



Advanced building with BIM 3D modeling creates a win-win for athletic and recreational facilities.

Building Information Modeling, or BIM, is driving an unparalleled revolution in the construction industry using 3D digital modeling software from Tekla® to more effectively design, detail and erect buildings of all types.

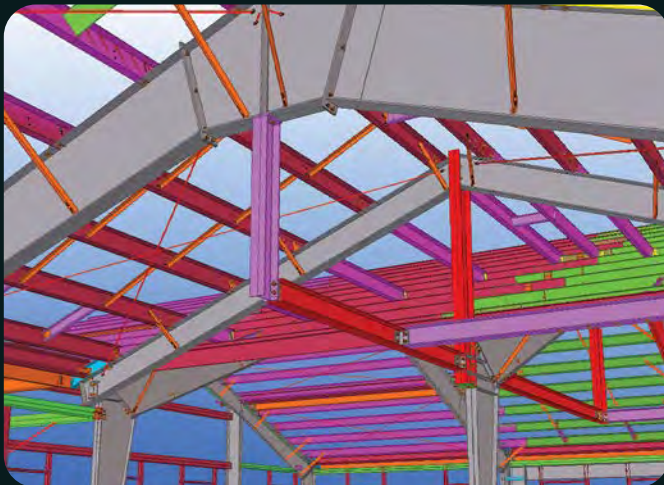
Providing powerful value

BIM models have evolved to a level of information beyond that required for production of 2D documents. The high level of detail creates a digital virtual building that can be used for scheduling, estimating and materials needs as well as for 3D coordination. This 3D model has disrupted the designers' traditional deliverables, becoming more valuable than the 2D documents during construction.

The growth of BIM is heralding an unprecedented disruption in the construction industry, and ABC is on the forefront, transforming markets and revolutionizing expectations. American Buildings Company is pairing its proven track record of quality and service with

the future of 3D modeling to give builders, general contractors, engineers and architects an edge over competitors in the market. Providing customers with a modeling system that can display an exact replica of their athletic building leads to confidence and peace of mind for the life cycle of the project.

ABC is the first manufacturer to detail 100 percent of its projects using BIM 3D modeling as standard. Taking BIM a step further, ABC has worked to create "high-definition BIM" that shows details and connections, including bolting, anchoring and wall and roof panels. You can now get a BIM model for your entire athletic facility shell from one source.



The advanced capabilities of BIM 3D Modeling allow you to view an exact replica of your building, meticulously rendered to show every single detail of the project – ensuring that what's onscreen aligns with what's being erected.

American Buildings Company

AMERICAN BUILDINGS COMPANY

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GOING GREEN IS EASIER WITH METAL BUILDING SYSTEMS FROM ABC

As an ISO 14001 certified manufacturer, ABC is dedicated to protecting our environment and reducing waste. All four ABC divisions have achieved accreditation under the International Accreditation Service (IAS) AC472 Inspection Program for Manufacturers of Metal Building Systems. Every ABC teammate is responsible for environmental protection, and we also require contractors, vendors and suppliers to comply with applicable environmental laws.

Metal building systems are the poster child for sustainability and “green,” as steel is the most recycled material on the planet. Nucor typically recycles 22 million tons of scrap annually, including 9 million cars. Recycled steel reduces mining waste by 97%, air pollution by 86% and water pollution by 76%. Producing steel through recycling also uses significantly less energy than conventional steel making. In fact, the energy Nucor saves through recycling compared to conventional steel production is enough to power Los Angeles for 8 years. The typical ABC building is manufactured from at least 70% recycled steel. To top that, at the end of its useful life, 100% of an American building can be recycled into a variety of steel products, including new cars, appliances, buildings and bridges.

ABC was the first metal building manufacturer in North America to switch to 100% “cool” paint systems as standard, with no up-charge, for all roof and wall panels. This environmentally friendly cool technology was originally developed for stealth aircraft in the U.S. Military. These coatings help generate lower environmental temperatures, reducing smog and the heat island effect. What’s more, they help reduce cooling costs in hot summer months.



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