



CASE STUDY  
**THE ST. JAMES  
SPORTS & ACTIVE ENTERTAINMENT CENTER**







# THE GARGANTUAN MEGAPLEX IS TRULY A ONE STOP MULTI-SPORT FACILITY.

The St. James Sports and Active Entertainment Center opened to the public in September 2018. The massive multi-sport and wellness facility is located on a 20-acre campus in Springfield, Virginia. The 450,000-square-foot facility is home to an expansive training arena including a field house, ice house, pool house and court house. The field house features a 110,000-square-foot field and the ice house has twin National Hockey League-sized ice rinks. Four full-length basketball courts which can be converted into nine volleyball courts complete with seating for up to 800 find a home in the aptly named court house. An impressive pool house is home to a 52-meter Olympic-sized Myrtha® training and competition pool, perfect for water polo and swimming. Athletes training for baseball and softball can train in the 8,000-square-

foot facility which includes tunnels for batting and pitching. Gymnasts find their training space in a facility that features 10,000 square feet including a competition-sized spring floor, deep foam pits and in-ground trampolines. Three stories and 6,000 square feet of climbing walls allow the adventurer to train indoors, too. The multi-sport facility offers training year-round no matter the weather. Those who need a break from their rigorous schedules while training can also relax in the spa and rejuvenation center as well as grab a bite to eat in the facility's restaurant. The duo of design and need beautifully meet to create this massive training, wellness and entertainment facility made possible by American Buildings Company and Authorized Builder Whitener & Jackson, Inc.







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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.

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