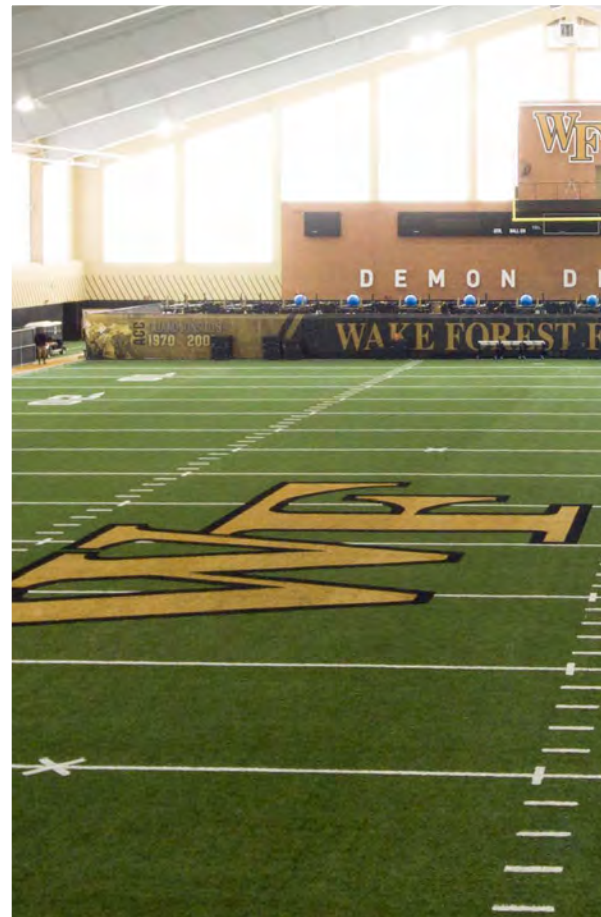
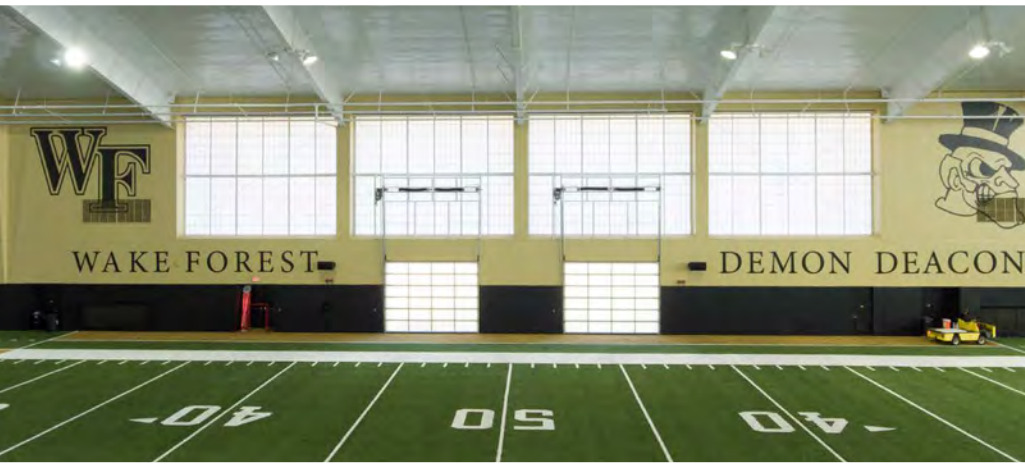




CASE STUDY

MCCREARY FIELD HOUSE WAKE FOREST UNIVERSITY





THE MCCREARY FIELD HOUSE, INCLUDING SITE WORK, IS DESIGNED TO PROVIDE AN AREA FOR ALL 18 WAKE FOREST ATHLETIC PROGRAMS TO TRAIN YEAR-ROUND, REGARDLESS OF WEATHER CONDITIONS.

In the spring of 2016, McCreey Field House, the indoor practice facility for Wake Forest University, opened its doors. The Field House, which was totally funded through private gifts, took 18 months and \$21 million to build with the help of Bob McCreey, who provided \$12.5 million as the lead gift on the project. McCreey, a former Deacon football player, graduated from Wake Forest in 1961. Raised in Caldwell County, North Carolina, McCreey credits the scholarship that provided him the opportunity to attend Wake Forest and further his education and that enabled him to succeed both in business and in life.

The 80,000-square-foot building, located behind Miller Center on Wake Forest's Reynolda Campus, features a 120-yard football field and weightlifting facilities for the Demon Deacons. The facility is roughly 200 feet by 400 feet with a peak height of 72 feet.

The constructed playing surface is an exact replica of Wake Forest's home football stadium, BB&T Field, in appearance, playing turf and pitch.



After construction completes at the Sutton Sports Performance Center, all weight equipment, which currently resides in a 7,000-squarefoot weight room in the South end zone, will be relocated to the new facility. The current weight room serves as a dedicated training area for the football team.

To provide a facility for a wide range of activities, the goalposts in McCreary Field House are suspended from the ceiling and can be raised and lowered as needed. Camera platforms used for videotaping practice activities are located 28 feet above the playing surface.

Over 125,000 man-hours were invested into this facility, which consists of 240,000 bricks, 543 tons of steel on the overall super structure and 95,000 square feet of standing metal seam roofing.

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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.

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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