

University of Louisville Trager Center



LOCATION
Louisville, KY

SIZE
85,000 sf

ROOF SYSTEM
2.5" Insulated Roof Panels

The University of Louisville's Trager Center indoor practice facility is just north of Papa John's Cardinal Stadium and is used by the Cardinal football team. A Kirby Building Systems 213' x 422' clear span building with a 37'-8" eave height and 4:12 roof slope was used. The main frame columns were tapered, reverse slope with a haunch depth limited to 5'-10" to maintain a 202' interior clear span. The 422' length provides for a full 120 yard practice surface, with facility support structures at each end. KBS supplied spandrel beams at the exterior walls to support masonry and "Kalwall" translucent wall systems by others. The exterior wall construction set flush to the inner straight column flanges. Each sidewall column was wrapped with the masonry construction with masonry caps below the roof line, allowing the roof system & gutters to run continuous at the inset lines. The roof system was a 2 1/2" thick insulated roof panel system detailed and supplied by Kirby through a buy-out supplier. The building's roof slope was designed and supplied with support framing for athletic netting at the center of the building (50 Yard Line) and down each side of the building to allow multi-sport Training use at the same time.