

Lucas Oil Stadium

Indianapolis, Indiana

“At over 200 feet to the top of the building, it would have proven time consuming to hand lay masonry and construct a backup system. By contrast, the brick panels could be lifted into place with a crane at a fraction of the time. The insulated composite wall system creates an exterior envelope offering brick, insulation, vapor barrier, paintable back surface, and accelerates schedule.”

David A. Skaggs, AIA
HKS, INC.



The 36-month construction schedule was tight for a stadium with a large retractable roof in the midwest. Precast erection afforded the construction team the comfort that other elements would be on the critical path, but that the exterior skin precast envelope for the stadium would not be any cause for construction delays of the project. This would allow critical finishes to meet their proposed completion dates.

The exterior façade of the seven-level facility features an innovative pre-insulated, brick-inlay architectural precast system with limestone finished precast accents. The manganese ironspot thin brick complements the traditional hand-laid brick used on manufacturing buildings in downtown Indianapolis. At the arched entrances into the stadium, thin brick was corbelled out to enhance the visual expression. The large vertical pre-insulated column covers were sequentially poured which allowed them to be erected as one large piece versus three pieces. This reduction in pieces meant that there were fewer pieces to erect, less sealant joints to maintain and allowed the designer to have a more energy efficient envelope. An innovative gravity connection was used to support the arched soffit on the East and West Main Entrance.



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