Van Andel Soccer Stadium, *Hope College*

Holland, Michigan

The Hope College Van Andel Soccer Stadium was developed as a design assist project with GMB Architects. Planning for the project began in March of 2009. Hope College wanted the project completed and ready for soccer games in the fall of 2009, leaving just 9 months to completely design and construct the stadium. Due to this tight project schedule, the architect along with the contractor, GDK Construction, had to think outside the box in terms of building materials, leading them to the precast structural frame that was eventually chosen to construct the stadium. This solution helped the project team meet the demanding schedule while ensuring quality, durability and aesthetics. The precast structural frame was designed, produced and erected in less than 10 weeks, allowing the contractor to turn the project over to Hope College almost 4 weeks ahead of the original schedule.

The stadium features 9,500 sf of precast stadia risers, 700 lf of precast beams, 420 lf of precast columns, 1,200 sf of precast spandrel panels, 2,800 sf of solid precast panels, 1,200 sf interior solid panels, and 2,150 sf of solid precast slabs.

"Because of the detail in documentation, efficiency in production & installation and concern for quality, the use of precast concrete for this stadium expedited and shortened the construction time line. This also allowed the other trades to complete their work quicker, giving the soccer teams the use of the field & locker rooms earlier than originally planned."

Jim Hoekstra
Director of Construction,
GDK Construction.

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