

Motor City Casino Hotel

Detroit, Michigan



“The use of precast helped to stabilize the structure by tiering trusses together, which created a safe working platform as steel was erected. Keeping the same crew for steel and precast erection allowed better control over the site and eliminated unnecessary coordination and delays.”

Robert Rea
Metro Steel Fabricators, Inc.

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The third to fifteenth floors of the new Motor City Casino Hotel each consist of approximately 15,500 square feet of 10” hollowcore planks 3,600 square feet of 10” solid slabs.

The structure is a combined system of structural columns, trusses, and precast planks. The precast planks were utilized to stabilize the columns and to act as a diaphragm for each floor.

Approximately 4,000 square feet of hollowcore were shipped to the job site per day, resulting in the structure being completely installed in fourteen weeks.

