

L.A. Fitness

Royal Oak, Michigan



“Our selection of precast concrete for the primary structural system had several mitigating factors. Because the site is located in a dense urban area, the relatively small site would not allow for an adequate amount of parking spaces. We raised the Club Level above grade to accommodate 71 parking spaces under the building. We found that the double tee sections supported by the precast column and beam system suited our need to have long spans, the required fire rating, and the structural mass required to support the 45,000 SF health club.”

Mark Drane, AIA, LEED AP
Principal
ROGVOY Architects

LA Fitness recently completed a 2 story total precast structure at the corner of Woodward Avenue and Washington Street in Downtown Royal Oak Michigan.



The new 2-story fitness facility is built on stilts with parking on the ground floor and the gym is housed on the second floor.

This 45,000 square foot building was constructed with 300 pieces of precast prestressed products using un-topped double tee floor systems (with on site CIP concrete topping), including precast floor slabs, columns, beams, shearwalls and 10" load bearing, insulated R-15 precast/prestressed wall panels. The exterior façade received field applied thin brick. The project was constructed in 3 months from time of award to completion.

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Architect: ROGVOY Architects

Erector: G2 Erectors

General Contractor: C. E. Gleeson Constructors, Inc.