

**Location**  
Newark, NJ

**Project Size**  
200 Units

**Completion Date**  
Unknown

**Owner**  
Hilton

**Architect**  
Zivic & Hurdle  
Architects, PC



## EMBASSY SUITES NEWARK, NJ

New eight story, approximate 200 room hotel with a one story area to accommodate spaces that include meeting rooms and a lobby. Various systems were evaluated during the early stages of the project including precast plank on structural steel, structural steel with composite concrete slabs, Infinity/Epicore composite concrete system on load-bearing lightgauge metal studs, and a Girder-Slab system. Due to the foundation soils and seismic requirements, the lateral bracing

system is a series of concentrically braced steel framings with special seismic detailing.

The first floor is structural slab with concrete grade beams. For the systems using lightgauge bearing wall systems, Ehlert/Bryan, Inc. developed the gravity and lateral loads.