

## GEOTECHNICAL SERVICES

Ikenberry Commons Residence Hall No. 3  
University of Illinois  
Champaign, Champaign County, Illinois

### CLIENT / CONTACT

FGM Architects  
200 West Jackson Street  
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Chicago, Illinois 60606  
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### OWNER

University of Illinois

GEOCON Professional Services, LLC (GEOCON) was retained by FGM Architects to perform a geotechnical evaluation of the area for the proposed Ikenberry Commons Residence Hall No. 3 on the University of Illinois at Urbana-Champaign campus.

GEOCON coordinated and performed geotechnical field explorations and prepared a geotechnical engineering report for a new five-story, with partial basement, residence hall building. Also planned was an underground storm water detention system encompassing approximately 62,000 square feet. The building will be approximately 155,000 square feet in plan and can accommodate 504 residents. The investigation included 32 boreholes to depths ranging from 30 to 95 feet with temporary piezometers, soil laboratory testing, and analysis of the data for conventional depth foundation systems, deep foundations and ground improvement with a rammed aggregate pier system.

