

GEOTECHNICAL SERVICES

Student Dining Hall and Resident Programs Building and
Residence Halls No 1 & 2
University of Illinois Campus
Champaign, Champaign County, Illinois

CLIENT / CONTACT

4240 Architecture
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Turner Construction Company
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Champaign, Illinois 61820
Mr. Greg Cuttall, PE
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OWNER

University of Illinois



GEOCON Professional Services, LLC (GEOCON) was retained by 4240 Architecture to conduct a geotechnical evaluation of the area for the proposed Student Dining Hall and Resident Programs (SDRP) building and retained by Turner Construction Company to conduct a geotechnical evaluation of the area for the proposed Residence Hall area. GEOCON coordinated and observed geotechnical field explorations and prepared a geotechnical engineering report for a new two-story dining and student programs facility and the first two phases of the Ikenberry Commons residence hall project, which consisted of two 5-story structures with basement levels. Investigation included numerous boreholes and piezometers ranging from 25 to 60 feet in depth, and analysis of the data for conventional depth foundation systems and ground improvement with a Geopier rammed aggregate pier system.