

# UNIVERSITY OF DUBUQUE – HOUSING DUBUQUE, IOWA



Three 4-story student housing buildings were design to partially replace and enlarge the overall on-campus residential capacity at the University of Dubuque.

The buildings employed a hybrid approach to enhance the cost effectiveness of the structural systems. Wood roof and floor trusses were used to frame the floor, while light gauge steel studs were used as bearing walls. Steel beams and columns were used to create larger open spaces and transfer heavy forces. Lateral wind and seismic resistance was provided by a combination of light gauge steel straps and structural steel cross-bracing.

