

## HUB 1

GAINESVILLE, FL



### PROJECT DESCRIPTION

Hub 1 is an off-campus student housing structure in Gainesville, Florida near the University of Florida. The structure is an 8-story building with parking, retail/amenity, and residential spaces. The total size of the structure is about 180,000-square-feet of space with units ranging from 1-5 bedrooms. There is a parking garage and many amenities for the residents. The majority of the structure is cold-formed-steel (CFS) load bearing wall panels with open web CFS joists and concrete floor deck. The project required innovative new details and construction methods that combined CFS and concrete materials.

### PROJECT HIGHLIGHTS:

- This is one of the first jobs in the country to be constructed with stay-in-place CFS formwork for structural concrete walls within the structure.
- The concrete walls formed with CFS panels served as the shearwalls for the lateral system of the structure.
- Numerous new industry details were created to make the CFS formwork walls work including new details for embeds, wall reinforcing, splices, and diaphragm reinforcing.

### COMPLETION DATE

2021

### REFERENCE

Bruce Schierding  
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