

FIU Student Academic Support Center

By the numbers

PROJECT FACTS

Using BIM, Balfour Beatty helped the design team re-work the MEPF system, on this four-story, 80,000-square-foot facility, to accommodate a six-foot height reduction.

50 Group coordination meetings

with Balfour Beatty, subcontractors, and the design team to work out the re-configuration.

51 Interior ceiling design

changes to accommodate ductwork, fire sprinkler and plumbing lines, and lighting fixtures with the proper clearances, based on the models.

800 Concrete structural beams

modeled and coordinated with Balfour Beatty, subcontractors, and the design team to work out the re-configuration.



159 Custom triangle slab edges

modeled with embeds and tolerance to accurately install the unique folded pre-cast panels and glass curtainwall that extend from the sides of the building to form the "light wells."

53 Specially designed precast "light wells"

modeled and coordinated before installation.