



# Alabama A&M University

## Design and New Construction Commissioning Services

### About the Facility:

Alabama A&M recently expanded its campus with a new, non-traditional residence hall for upper classmen. The Student Residence Hall is a four story home to nearly 580 undergraduate students offering suite-style living with single, double and quad rooms, private baths, shared living rooms and kitchenettes. The building offers lounges, a game room, free laundry facilities and Internet access. Most importantly, a storm shelter is also on site.

### Scope of Work

Sain Engineering Associates, Inc (SEA) was contracted to provide new construction commissioning services for the HVAC and Building Envelope systems. During the design phase, SEA drafted the specifications and developed an energy model for the main plant heating and cooling systems sizing verification. Collaboration between SEA, the design team, the owner and the construction manager helped to reduce risk exposure, encourage communication and consider alternatives for change orders during the construction phase.

The building designers employed aggressive value engineering strategies in order to reduce construction costs. Those design strategies, in turn, created novel challenges in the construction and occupancy phases. SEA worked extensively with the design engineers to aide in the final design.

SEA'S attention to detail and quality control during the construction phase led to the identification and correction of a myriad of serious potential long-term issues.

### Point of Contact

Brian Shipp  
brian.shipp@aamu.edu  
256.372.4871

22M

Project Cost

183k

Square Feet

2018

Completion Date

