

Florida Tech Dormitory

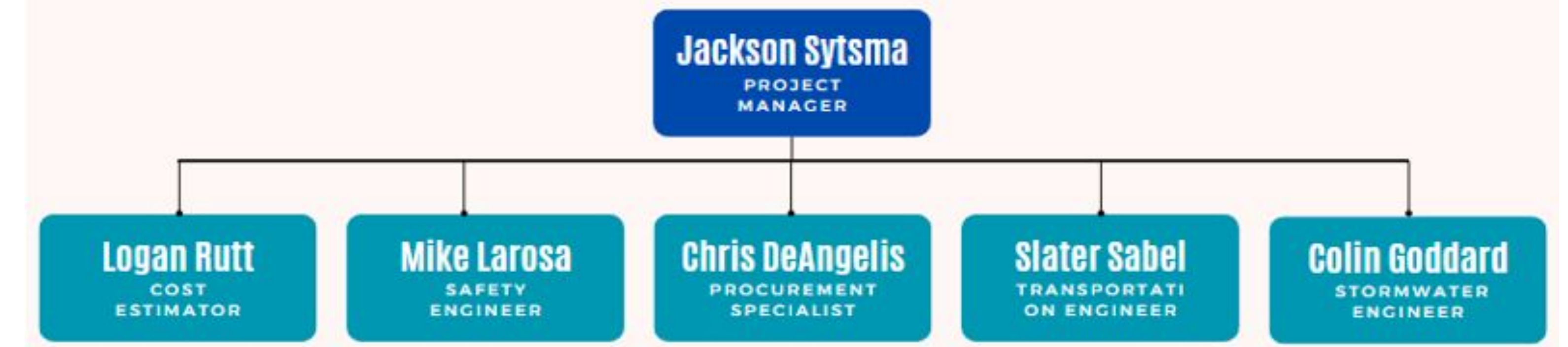
Jackson Sytsma, Logan Rutt, Chris DeAngelis, Michael LaRosa,
 Slater Sabel, Colin Goddard

Faculty Advisor: Troy Nguyen, Dept. of Mechanical & Civil Engineering,
 Florida Institute of Technology

Mission Statement

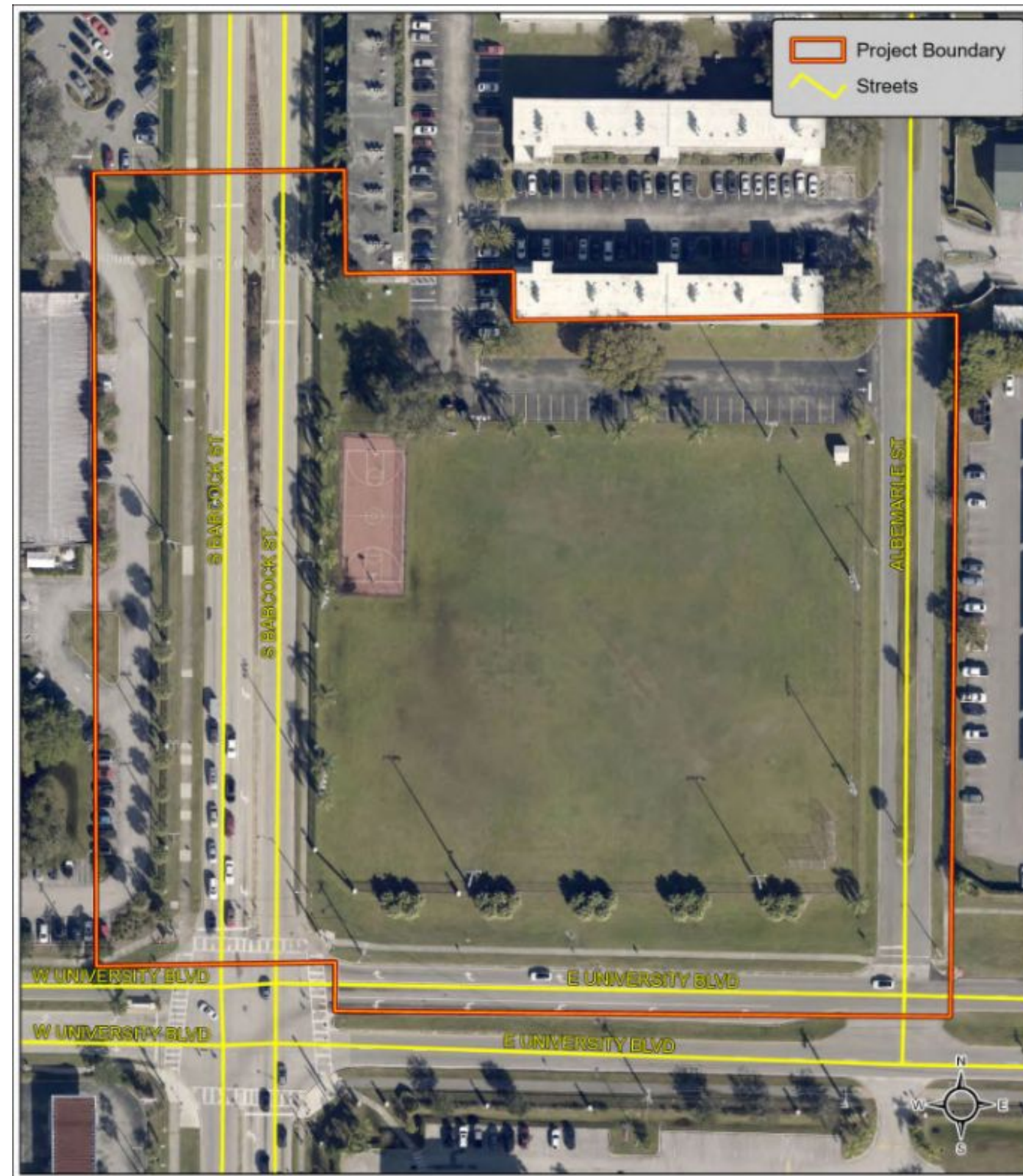
The project aims to design and build a modern, sustainable residence hall at Florida Tech's Melbourne Campus. With a footprint of over 38,000 sq. ft., the facility will offer a mix of private and shared accommodations, communal spaces, and amenities to enrich student life. It will use energy-efficient systems and water-saving technologies, supporting an eco-friendly campus community that fosters academic and personal growth.

Team Organization Chart



Project Site Location

Southgate Field, 50 Southgate Blvd, Melbourne, FL 32901



Scope of Work

- Transportation
- Stormwater
- Procurement
 - Safety
 - Cost

Design Features

- Double and Quad Occupancy
- Outdoor Recreational Area
- Lounge and Study Space
 - Grab-and-Go Dining
 - Efficient Parking Lot
 - Two Retention Ponds

Cost Estimate

Total Cost: \$23,750,000

Site and Foundations: \$6,438,000

Structure and Exterior: \$6,351,000

Interior and Furnishings: \$5,365,000

Systems and Equipment: \$5,708,000

General Requirements & Misc: \$2,595,000

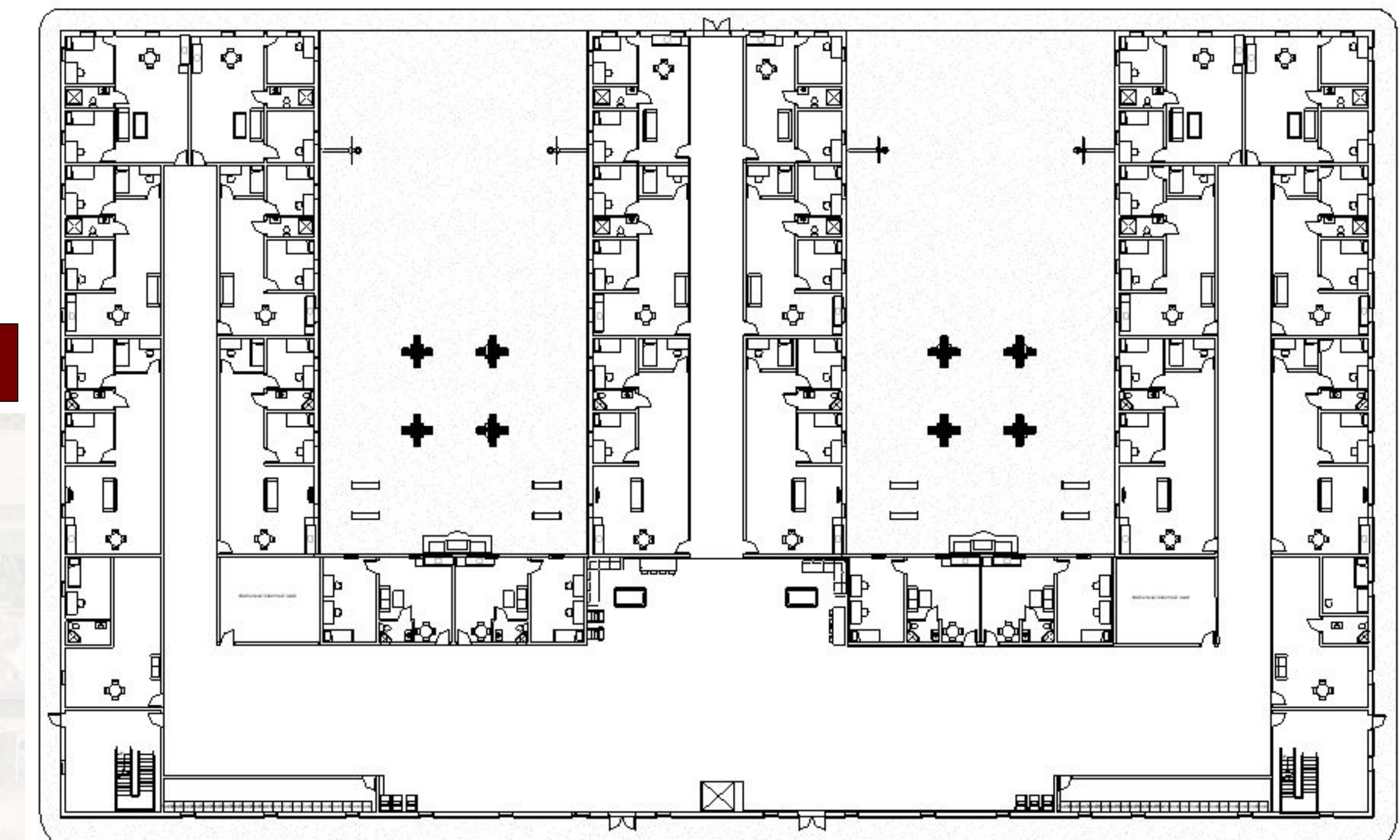
Current Site



Design Software

Revit
 AutoCAD

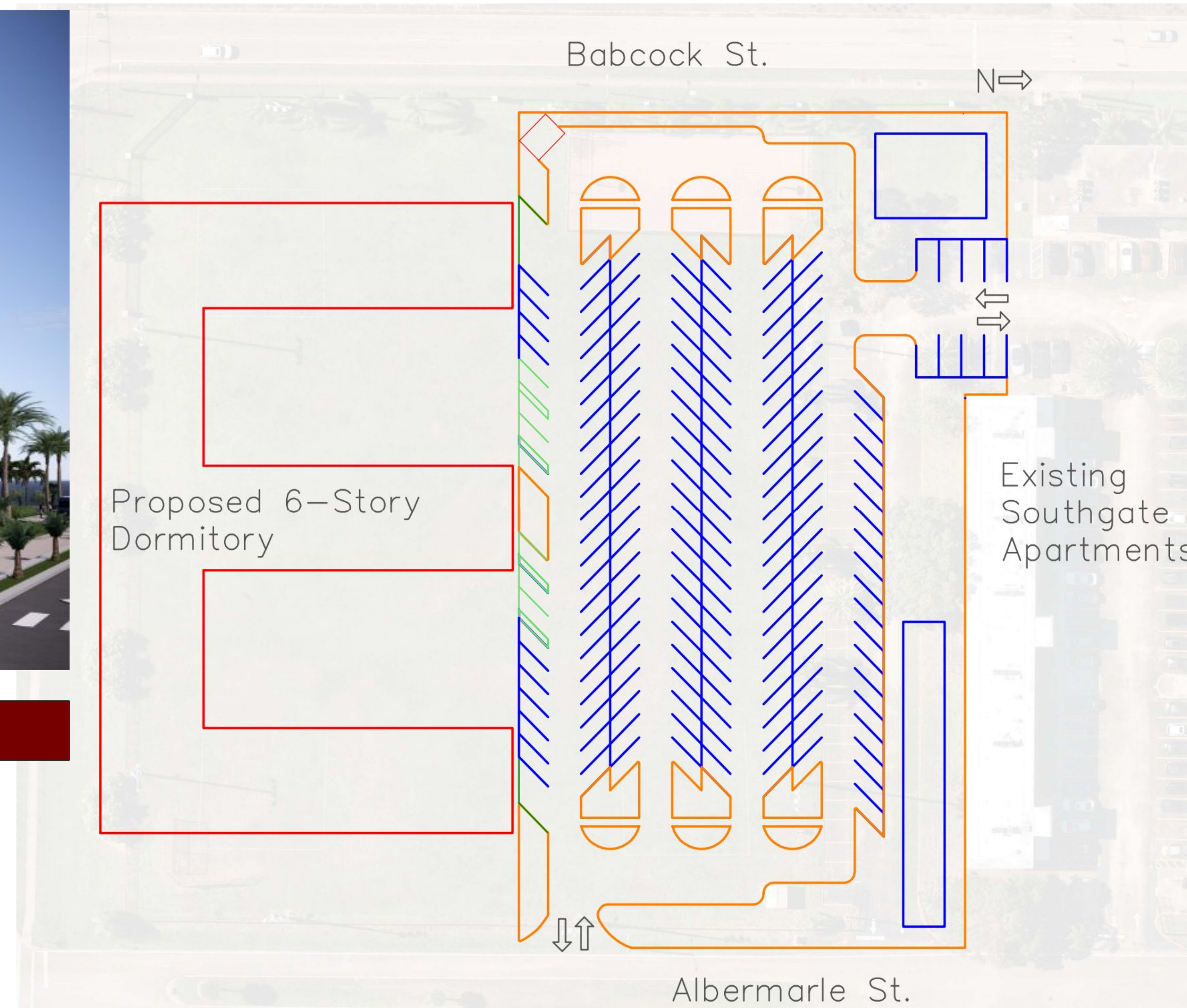
Proposed Dormitory Floor 1



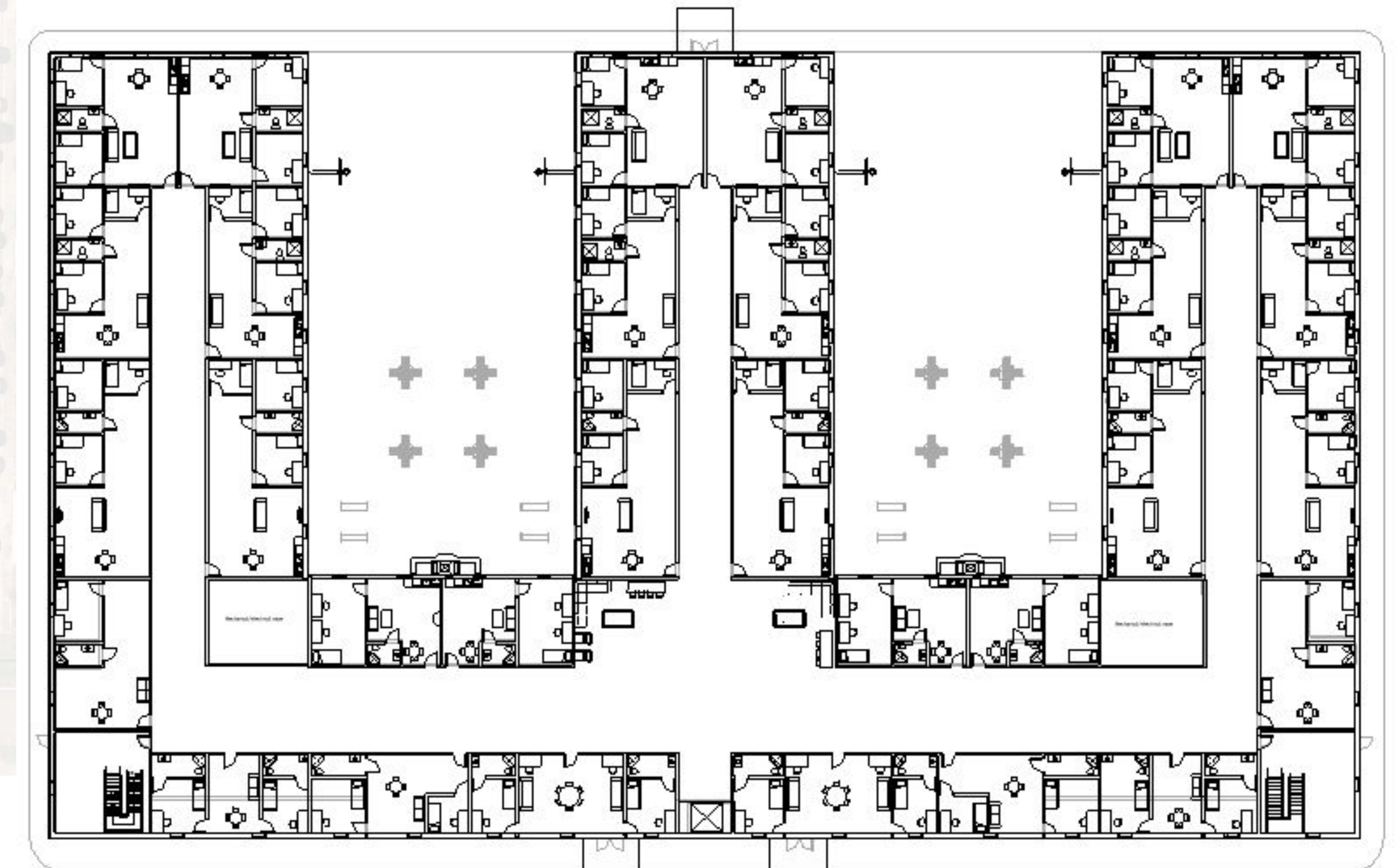
Florida Tech Designed Building Model



Full Site Plan



Proposed Dormitory Floor 2-6



Construction Schedule

