Robert E. Lee High School, part of the Duval County Public School system, is one of the two oldest Jacksonville high schools operating at their original sites. G.M. Hill provided structural engineering and construction inspection services for the addition and remodeling of this three-story structure built circa 1928. The overall project scope was to design a new two-story cafeteria building, a one-story field house, and a new Central Energy Plant; additions and renovations to the existing locker rooms as well as exterior and interior renovations to 110,000 square feet of the existing building. The project was broken into two phases: the first phase of the project was to develop construction documents for the new construction areas; the second phase was for renovations portion of the project. The objective was to provide a facility that was functional, energy efficient, durable and low maintenance. The project scope required the design of the building and site development, including relocation of utilities and supporting facilities, in an expedited time frame.

New Construction:
- Cafeteria facility: full services cafeteria and administrative offices on the lower level and classrooms, lecture halls, band and chorus and mechanical rooms on the upper floor.
- Field House: new showers and locker rooms, weight rooms, coach’s offices, and concessions areas.
- Locker Room Addition: expansion to the existing gymnasium structure.
- Central Energy Plant and Cooling Tower: relocated all the mechanical systems for the new and existing facilities.

Renovation to Existing Historic Building:
- Investigate and Evaluate existing structure
- Retrofit/Repair and Reconfigure existing administrations area and install new data communications throughout all buildings campus wide
- Renovate and Reconfigure all classroom spaces to accommodate new teaching laboratories
- Remodel of classroom spaces to convert back to the original two-story Auditorium space