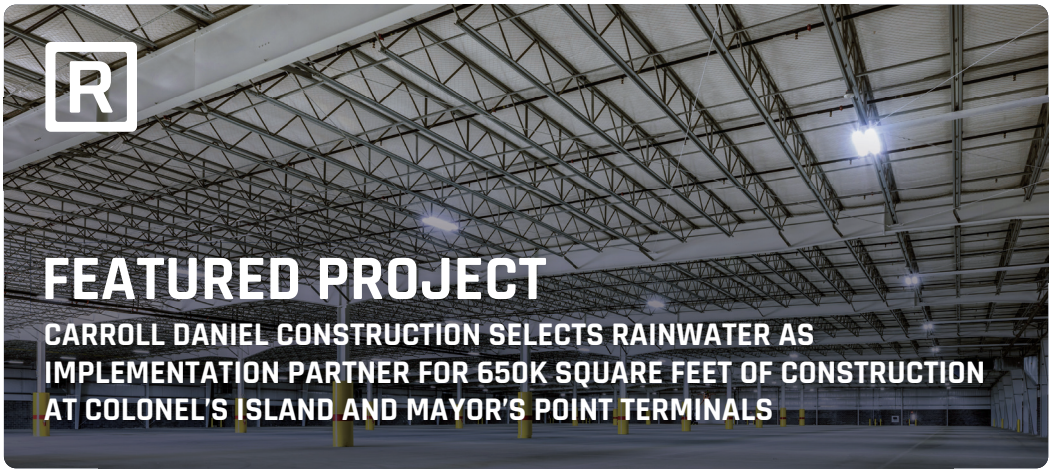

FEATURED PROJECT

CARROLL DANIEL CONSTRUCTION SELECTS RAINWATER AS IMPLEMENTATION PARTNER FOR 650K SQUARE FEET OF CONSTRUCTION AT COLONEL'S ISLAND AND MAYOR'S POINT TERMINALS

ADDED VALUE - BUTLER® BUILDING INFORMATION MODELING

- REAL-TIME PROCESS IMPLEMENTATION
  - CHANGES
  - PERMITS
  - CLEARANCES
- SCHEDULING COORDINATION
  - MECHANICAL SYSTEMS
  - ELECTRICAL SYSTEMS
  - PLUMBING & HVAC
  - FIRE SUPPRESSION
- TIMELINES
- WORKFLOWS
- SUBCONTRACTOR MANAGEMENT

CARROLL DANIEL CONSTRUCTION

RAINWATER CONSTRUCTION COMPANY

(404) 636-8616
www.rainwaterconstruction.com
info@rainwaterconstruction.com

BUTLER®

BUSINESS: GEORGIA PORTS AUTHORITY

CATEGORY: WAREHOUSE/LOGISTICS

LOCATION: PORT OF BRUNSWICK, GA

SQUARE FOOTAGE: 650,000

CONSTRUCTION TYPE: BUTLER® MANUFACTURING PEMB

PARTNERS: CARROLL DANIEL CONSTRUCTION

PROJECT SUMMARY

The Rainwater Construction Company partnered with Carroll Daniel Construction to provide 650,000 square feet of Butler® PEMB erection for four warehouses and one processing facility at the Georgia Ports Authority, Port of Brunswick location. The buildings, which support operations for America's Auto Port, are part of an effort to increase the Port's berth and terminal capacity. As the second busiest port in the US for "roll-on/roll-off" cargo and imports, the 24 hours a day, 7 days per week operation ensures the flow of automotive cargo to the Southeastern United States. This expansion, along with others at the Ports, benefits the local and regional Georgia economies, delivering job growth, ancillary business development, and increased tax revenue.

As the lead contractor, Carroll Daniel Construction was responsible for the safe and timely construction of the buildings, while also adhering to strict security protocols and maritime codes. They selected Rainwater to be a design-assist implementation partner on five buildings originally scoped using conventional framing with TPO roof. However, because the Butler pre-engineered building solution had a better lead time than steel on-site, the scope was modified to employ the Landmark 2000 Structural System featuring Truss PurlinXT. This Butler system has a lighter profile than conventional on-site steel, while still providing the necessary structural integrity. The change in materials provided the added value of lower costs, faster lead times, and a seamless construction process that would not compromise building integrity or quality.

A PROCESSING FACILITY BUILT TO SUPPORT SPECIALIZED EQUIPMENT

Twelve cranes operate within the processing building, requiring 2,000 feet of crane runway beams. The sophisticated nature of the heavy equipment operating within the building necessitated a structure that is strong and designed to support complex processes and systems. Butler's Truss Purlin's Z-Purlin design provided a cost-effective solution, perfectly suited to support the specialized equipment.

PROJECT SCOPE

- 650K Square Foot Butler Manufacturing™ Pre-Engineered Metal Building
  - Three 100K Square Foot Facilities
  - One 200K Square Foot Facility
  - One 150K Square Foot Facility
- MR-24® Roofing
- Shadowall™ Panel
- Butler Truss Purlin (Landmark 2000 System)
- Processing Building - Z-Purlin with Four Aisles of Cranes Equaling 2,000 feet of Crane Runway Beams

PROJECT RESULTS

- Project Completed On-Time
- Zero Recordable Safety Incidents
- Projected Completed On-Budget

"Collaborating with Carroll Daniel Construction on these projects has been such a great experience. Because we share a similar history as longtime Georgia builders, similar values that place the good of our communities first, and the same commitment to safety above all else, project management and execution was seamless. We look forward to many more joint ventures with this exceptional general contracting firm."– Maryna Hudgins, Rainwater Construction Company Vice President