



As a subcontractor to Tapa, LLC, Merrick & Company provided design services for the Engineer Construction Battalion for the Custer Hill Beddown Area, Site 3: Unit Operations Facility at Fort Riley, KS. For this Company Operations Facility (COF), Merrick provided engineering and architectural services, and limited site work. The purpose of the facility is to house company administrative operations, and to store and move supplies. The facility is intended to be similar to office and warehouse-type buildings in the private sector.

The project included the following vertical construction components in the UNICOF with Integrated Admin layout scheme:

- Administrative Module (office space) with Troop Aid Station
- Readiness Module (warehouse space including an arms storage vault, wire-mesh supply areas, and individual equipment lockers)
- Exterior Covered Storage Area (exterior covered load out area)

The COF is designed for the use of five companies; three of the companies have an approximate size of 200 personnel. One company will support 150 personnel; the other 100 personnel. The building is approximately 81,000 SF in area and is comprised of office space, training and conference rooms, a large readiness bay, a covered hardstand, and support facilities including an arms vault, storage areas, communications rooms, men's and women's locker rooms, and other related areas.

The COF also contains a Troop Aid Station with a waiting area, two screening rooms, a records room, a pharmacy, and four exam rooms.

In keeping with the principles engendered by USGBC, the design maximizes the use of green materials, and efficient mechanical and electrical equipment necessary to obtain LEED™ Silver certification.

#### Project Features:

- Design-Build Project
- Architectural Design
- Civil Design
- Electrical Design
- Mechanical Design
- Landscape Design
- AT/FP Design
- Sustainable Design