

108-Person Dormitory

Pope AFB, North Carolina



Client	US Army Corps of Engineers
Scope	Design/Build
Contract Value	\$9.178Million

Engineering Design Technologies, Inc. (EDT) provided design/build services for a 108-person dormitory complex at Pope AFB consistent with industry standards and compliant with model building and energy codes. The facility consists of a 44,295 square foot dormitory and a 2,611 square feet commons building.

EDT overcame several challenges during the design process in their efforts to ensure the building met the standards set forth by the Air Force Enlisted Dormitory Design Guide, Pope Air Force Base Architectural Compatibility Plan – Community Zone, structural criteria on progressive collapse, and the Anti-Terrorism/Force Protection for Military Housing and Military Buildings. EDT established a new structural analysis system to meet these demands and worked closely with all groups involved to ensure a quality project.

The finished design included brick walls, a standing seam metal roof, and combination window units to create a vertical illusion. The use of elements such as colonnades, porticos, entry porches, and material detailing emphasized the main public entrance of each building and provided human scale. The interior was decorated with neutral tone textiles and furnishings that provided a smooth transition from the outside to the inside of the building. All materials used in construction and furnishing the building were designed with durability and ease of maintenance in mind, so that they would stand the test of time.