

Executive Summary:

The DEA Clandestine Laboratory Training Center is located on the Quantico Marine Corps Base in Quantico, VA. It is a one-story building with a Mechanical Mezzanine Level that encompasses approximately 34,000 sq ft. The building spaces include multiple function types such as laboratories, classrooms, office space, and physical training areas.

The purpose of this document is to propose a redesign of certain aspects of the Training Center. The main focus of this proposal is on the redesign of the mechanical systems, but two other breadth areas will also be discussed. Other alternatives that have been considered for the redesign will be covered, as well as the reasons for not selecting those options. The final proposed selections will then be explained in detail, and the new design will be compared and contrasted with the one presently in place. Expected benefits of the proposed changes will be discussed. Finally, the process and methods that will be employed to achieve the proposed redesign will be described.