

WAREHOUSE



General: The warehouse is intended for use as the range administration, instruction, and briefing building. The warehouse could house a model of the CACTF complex and/or a briefing/training area. The warehouse should be a pre-engineered metal building. If the warehouse is designed with the intent of training in it the walls of a pre-engineered building must be lined with plywood. The provision of electrical service is required. The walls and ceilings of the warehouse must be insulated to prevent condensation. The warehouse should be located in the light-industrial land-use area. An electrical/communication room for power and network hardware shall be provided.

Design Details: See Layout Details in the Appendix of this document.

Typical Configuration:

Size:	385.5 square m (4158 square ft)
Occupancy:	Yes
Foundation:	Concrete slab on-grade with turned-down edges
Shell:	Pre-engineered metal building
Roof:	Insulated Standing Seam Metal Roof (SSMR)
Doors:	Insulated hollow metal (office space)
Windows:	Reinforced sill with shutters. No glazing.
HVAC:	Central heat and air - site adapted (in office space of Non Training Facility Only)
Standard Lighting:	Fluorescent
Lightning Protection:	Air terminals
Power:	120/240V single phase, 4-wire power entering the

Interior

	building under ground in rigid steel conduits
Telephone:	Standard Voice Cable
Data Communication:	Fiber optic and/or copper category 6 or better cabling for targetry control and video networking entering and leaving the building underground in rigid steel conduits
Cameras:	5
Target Power Outlets/Cable Jacks:	3