

## SCHOOL



**General:** The school should be located in the public institutional land-use area. A fixed, exterior fire escape must be provided to the second floor. Roof access is to be provided via roof hatch. The tactical features include a long central corridor, high exposure afforded by exterior window openings, and a maximum room size of approximately 39 square m (418 square ft). An electrical/communication room for power and network hardware shall be provided.

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

**Typical Configuration:**

Size:	772.9 square m (8,320 square ft)
Occupancy:	None
Foundation:	Concrete slab on-grade with turned-down edges
Shell:	Reinforced Concrete Masonry Units (CMU)
Roof:	Flat roof (2% slop) with parapet wall and roof hatch
Doors:	Yes
Windows:	Reinforced sill with shutters. No glazing.
Interior Finishes:	Painted
HVAC:	None
Lighting:	Incandescent lighting in all rooms (approximately 30ft candles)
Lightning Protection:	None
Power:	120/240V single phase, 4-wire power entering the building under ground in rigid steel conduits
Telephone:	None

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: 20

Target Power Outlets/Cable Jacks: 26