

MUNICIPAL BUILDING



General: The Municipal Building should be located in the central business district (retail/commercial land-use area) near the center of the urban complex. A semi-finished first floor lobby area must be provided and must include a service counter and painted walls. The elevator denotes the shaft opening only. Roof access is provided by the elevator shaft penthouse. Safety precautions should be taken at all openings to the elevator shaft. Fire escape ladder and rear exit doors must be provided. Rappel anchors must be located in the vicinity of the elevator shaft openings. High ground-floor windows must be provided to satisfy a two-man entry technique requirement. A safety net at the bottom of the elevator shaft opening must be provided. This building has a partial basement. An electrical/communication closet (where power and data lines will enter and leave the building) will be located as shown on the plans.

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

Typical Configuration:

Size:	1131.7 square m (12,182 square ft)
Occupancy:	None
Foundation:	Spread footings
Shell:	Reinforced, split-faced, and painted Concrete Masonry Units (CMU)
Roof:	Flat with parapet walls

Doors: Yes
Windows: Reinforced sill with shutters. No glazing.
Interior Finishes: Painted CMU
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: One per room, total 55
Target Power Outlets/Cable Jacks: Two per room, total 71