

RESIDENCE



General: The residential buildings must be located in the residential land-use area. The bottom chord of the roof truss must be designed to accommodate an additional concentrated load of 1,110 newtons (250 lb) at the center of the chord. Chicken wire should be nailed to the underside of the bottom chord of the trusses. This structure has an optional partial basement. A mousehole gives access to the roof. Windows will have shutters and reinforced sills. 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 (Intact):

Size:	200 square m (2151 square ft) – Full Basement 149.1 square m (1605 square ft) – Optional Partial Basement
Occupancy:	None
Foundation:	Concrete slab on-grade with turned-down edges, half-sized basement has spread footings
Shell:	Reinforced Concrete Masonry Units (CMU), painted
Roof:	Sloped roof (1 Vertical to 2 Horizontal) with composite shingles or rolled roofing material

Doors: Yes
Windows: Reinforced sill with shutters. No glazing.
Interior Finishes: Unfinished
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: 8
Target Power Outlets/Cable Jacks: 16