VENTILATION SYSTEM (ATA-A)

LIGHT AND POWER
SERVICE ENTRANCE CABLE, TYPE UF, IS BURIED AT LEAST TWO FEET, LOOVED AND BROUGHT THROUGH WALL IN CONDUIT. PLUS CONDUIT WITH HYDRAULIC CEMENT. SERVICE PANEL IS FUSED SAFETY SWITCH FOR TWO 20 AMPERE 120 VOLT CIRCUITS.
OUTLETS ARE SURFACE MOUNTED NON-METALLIC GROUNDING TYPE. CIRCUIT WIRING IS NO 12 UF.
SUGGESTED ELECTRICAL EQUIPMENT:
TWO BURNER HOT PLATE.
1600 WATT RESISTANCE HEATER WITH PAN.
DEHUMIDIFIER (IN HUMID CLIMATES)
PROVIDE BATTERY OPERATED LANTERNS AND FLASHLIGHTS FOR USE IN CASE OF POWER FAILURE.

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"REQUEST FOR AGRICULTURAL, FOOD AND HOME ECONOMICS PROGRAMS"
Provide trapped floor drains which lead to a gravel-filled sump (not to a surface outlet). Gratings and watertight plugs are required for both drains.

Laps in reinforcing bars shall be at least 18 inches.

Concrete shall be 1:2:3 mix, with not over 8% gallons of water per sack of cement.

Chamfer outside corners 1/4 in.

Place a 6 mil polyethylene vapor barrier under the floor slab. Use a sheet about 14 feet wide so that it may later be turned up against the outside walls. After the forms are stripped, apply two coats of bituminous waterproofing to the entire structure up to grade line, and cover with polyethylene.

It is suggested that the interior walls and ceiling be finished with two coats of light-colored cement paint, and that the floor in the shelter area be finished with light-colored asphalt tile or latex base paint.