**SECTION A-A**

**EARTH COVER SEEDS ONVED TO PREVENT EROSION**

**MISTIC**

**SLOPE FLOOR SLAB 1" TOWARD DOOR**

**6 MIL POLYETHYLENE VAPOR BARRIER**

**BAFFLE WALL**

**PASSAGE**

**45° MAX SLOPE**

**FOOTINGS MAY BE NEEDED IN SOILS**

**SECTION B-B**

**AN INTAKE VENT, PAINTED WHITE**

**AIR EXHAUST VENT, PAINTED BLACK**

**SLIDING COVER**

**VARIABLE PALLETS**

**MOUNTABLE PALLET SECTIONS, 25 & 25-1/2**

**MAKE SEWER**

**SECTION C-C**

**DOOR LINTIL, CAST WITH ROOF SLAB**

**1" PIPE HANDRAIL**

**4" DRAIN TO DISPOSAL**

**PLAN**

**CONCRETE TO TEST 3,000 PSI, 28 DAY COMPRESSION WATER-CEMENT RATIO, 6 KG PER SACK**

**CHAMFER OUTSIDE WALL AND ROOF CORNERS**

**APPLY TWO COATS OF BITUMINOUS WATERPROOFING TO OUTSIDE SURFACES**

**ALL STEEL, EXCEPT REINFORCING BARS, SHALL BE HOT-DIP GALVANIZED OR OTHERWISE PROTECTED FROM CORROSION**

**ALL LUMBER SHALL BE TREATED, AFTER CUTTING, WITH A COPPER NAPHTHATE PRESERVATIVE. A 15 MINUTE DIP IS SUGGESTED.**

**FACES AND EDGES OF PLYWOOD SHALL BE GIVEN TWO COATS OF OUTSIDE PENETRATING SEALER.**

**IF THE SHELTER IS TO BE USED BY MORE THAN SIX PERSONS, PROVIDE MECHANICAL VENTILATION.**

**ELECTRIC SERVICE ENTRANCE CABLE, TYPE UF, IS BURIED AT LEAST TWO FEET DEEP AND BURIED THROUGH WALL IN CONDUIT. PLUS CONDUIT TO MAKE WATERPROOF.**

**SERVICE PANEL IS FUSED SAFETY SWITCH FOR ONE 20 AMPERE 220 VOLT CIRCUIT.**

**OUTLETS AND SWITCHES ARE WATER-PROOF. GROUNDING TYPE. CIRCUIT WIRING IS 16 AWG UP WITH BOND WIRE.**

**SCALE:** 0 1 2 3 4 FT.

**UNIVERSITY OF MARYLAND**

**STORAGE AND FALLOUT SHELTER**

**CAST CONCRETE CONSTRUCTION**

**COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS**

**DEPARTMENT OF AGRICULTURAL ENGINEERING**

**USDA '63 EX. 5948 SHEET 1 OF 6**