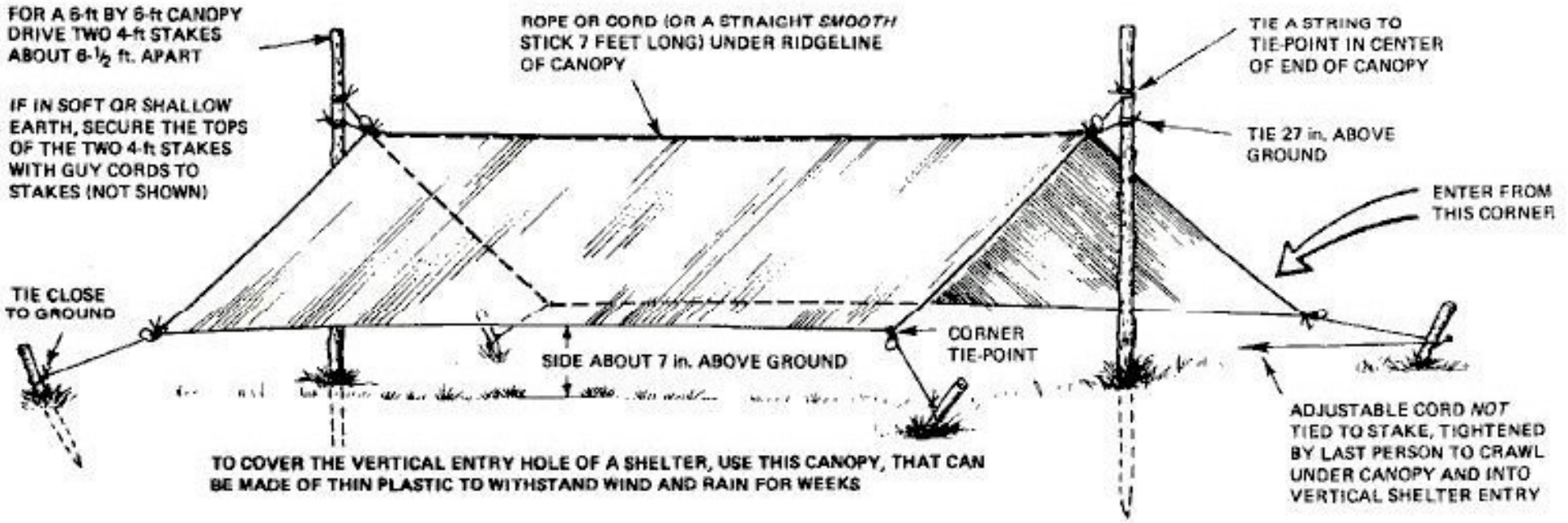
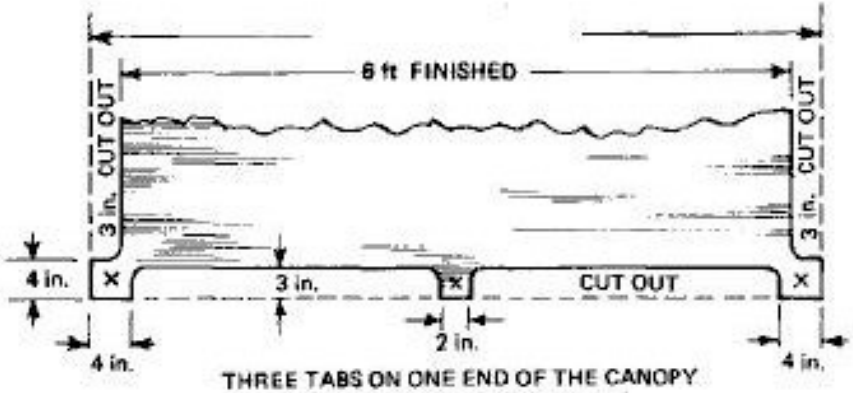
ORNL-DWG 77-20148R



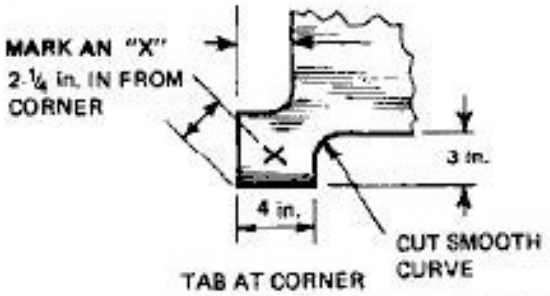
DIRECTIONS:

1. CUT A PIECE OF PLASTIC 6-½ ft. BY 6-½ ft., TO MAKE A 6 ft. BY 6 ft. CANOPY. USE PLASTIC AT LEAST 4 MILS THICK.
2. TO MAKE DURABLE TIE-POINTS AT THE FOUR CORNERS AND AT THE CENTERS OF THE TWO ENDS, SMOOTHLY CUT TABS OUT OF THE SIDES – AS INDICATED BY SKETCH OF ONE END, ON RIGHT.
3. MARK AN "X" ON EACH TAB, AS SHOWN.
4. SELECT 6 PEBBLES OR LUMPS OF EARTH EACH ABOUT ¾ INCH IN DIAMETER.

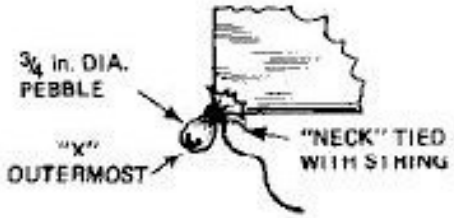
5. WITH THE STRONG PIECE OF STRING THAT WILL BE USED TO CONNECT A TIE-POINT TO A STAKE, TIE A PEBBLE IN THE TAB SO THAT THE PEBBLE IS COMPLETELY COVERED AND THE "X" MARK IS OUTERMOST. SEE SKETCHES.
6. MAKE 6 TIE-POINTS IN THIS MANNER, EACH WITH A STRING ATTACHED.
7. PITCH THE CANOPY AS ILLUSTRATED ABOVE, WITH ITS TWO SIDES EACH ABOUT 7 INCHES ABOVE THE GROUND.



THREE TABS ON ONE END OF THE CANOPY (MAKE OTHER END THE SAME)



TAB AT CORNER



COMPLETED TIE-POINT

(IF TIE-POINTS ARE MADE AT THE CORNERS WITHOUT FIRST MAKING TABS, THE CANOPY WILL HAVE CUPPED-IN SIDES THAT CATCH WATER AND WIND.)

Fig. A. A dependable canopy to keep fallout and rain out of a vertical entry.

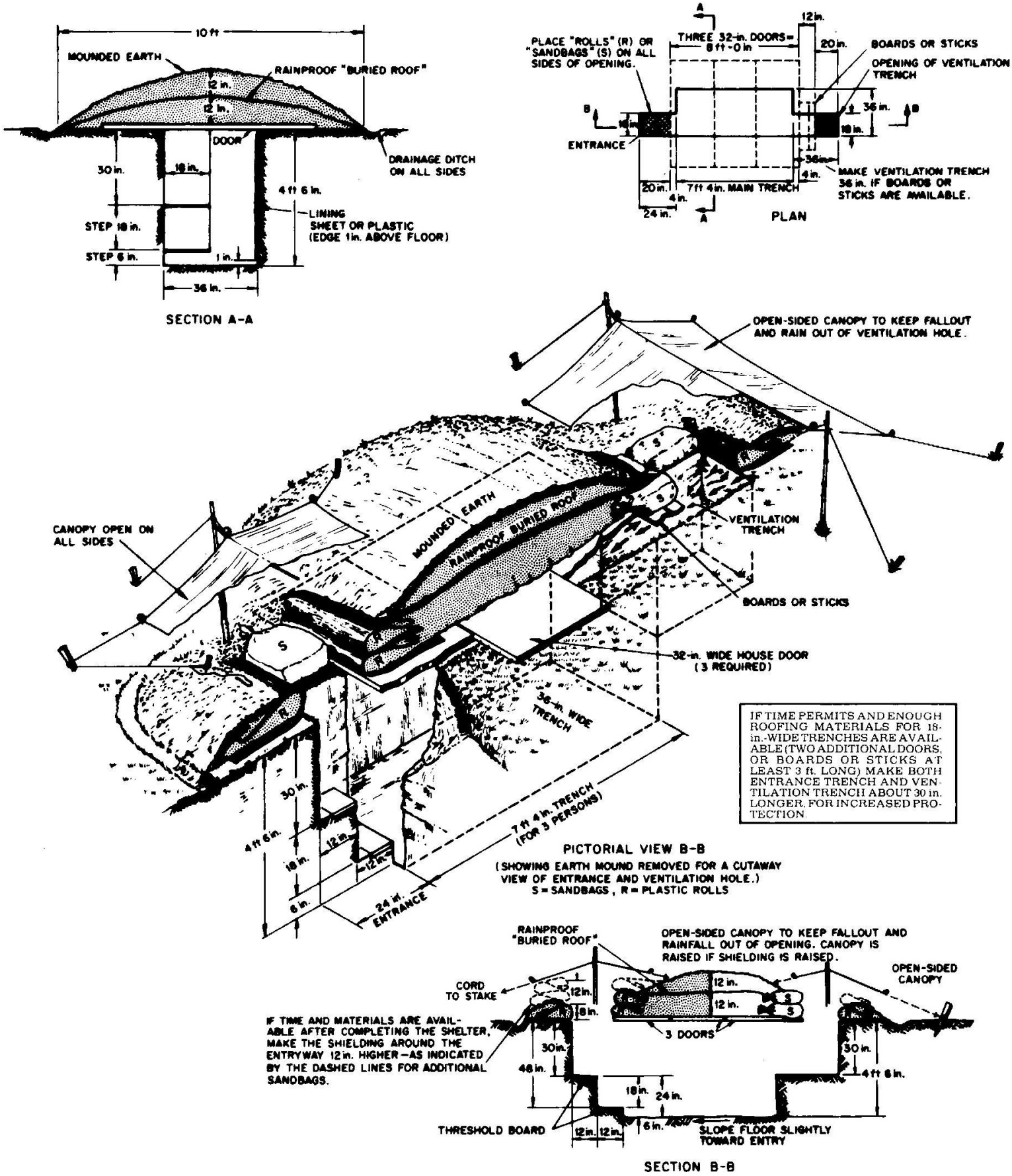
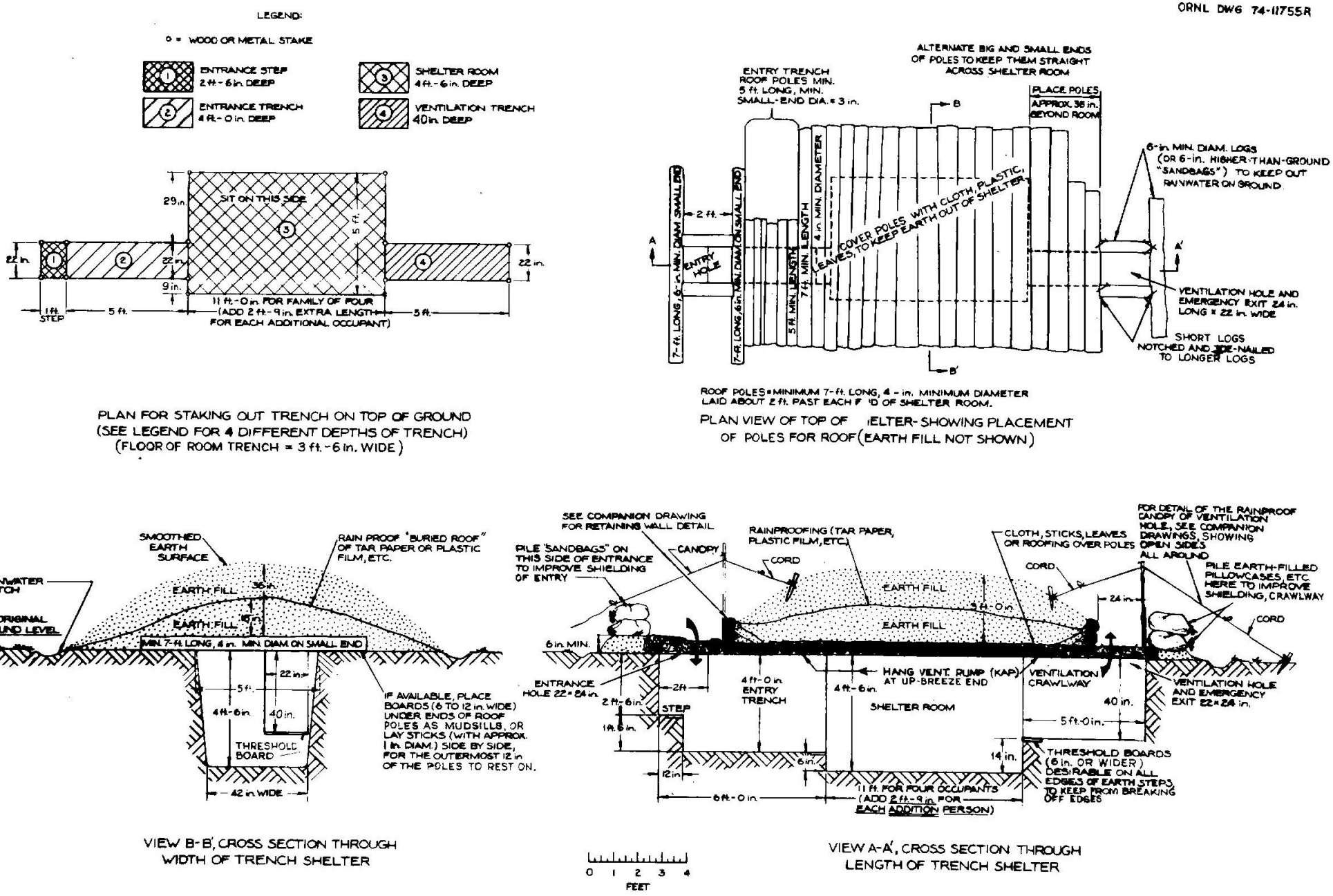


Fig. A.1. Door-Covered Trench Shelter.



PLAN FOR STAKING OUT TRENCH ON TOP OF GROUND
(SEE LEGEND FOR 4 DIFFERENT DEPTHS OF TRENCH)
(FLOOR OF ROOM TRENCH = 3 ft.-6 in. WIDE)

PLAN VIEW OF TOP OF SHELTER- SHOWING PLACEMENT OF POLES FOR ROOF (EARTH FILL NOT SHOWN)

VIEW B-B', CROSS SECTION THROUGH WIDTH OF TRENCH SHELTER

VIEW A-A', CROSS SECTION THROUGH LENGTH OF TRENCH SHELTER

Pole-Covered Trench Shelter
(To be Built Only in Firm Ground, Such as a Strong, Stable Clay or Loam)
See Accompanying Drawing

Fig. A.2.1. Pole-Covered Trench Shelter.

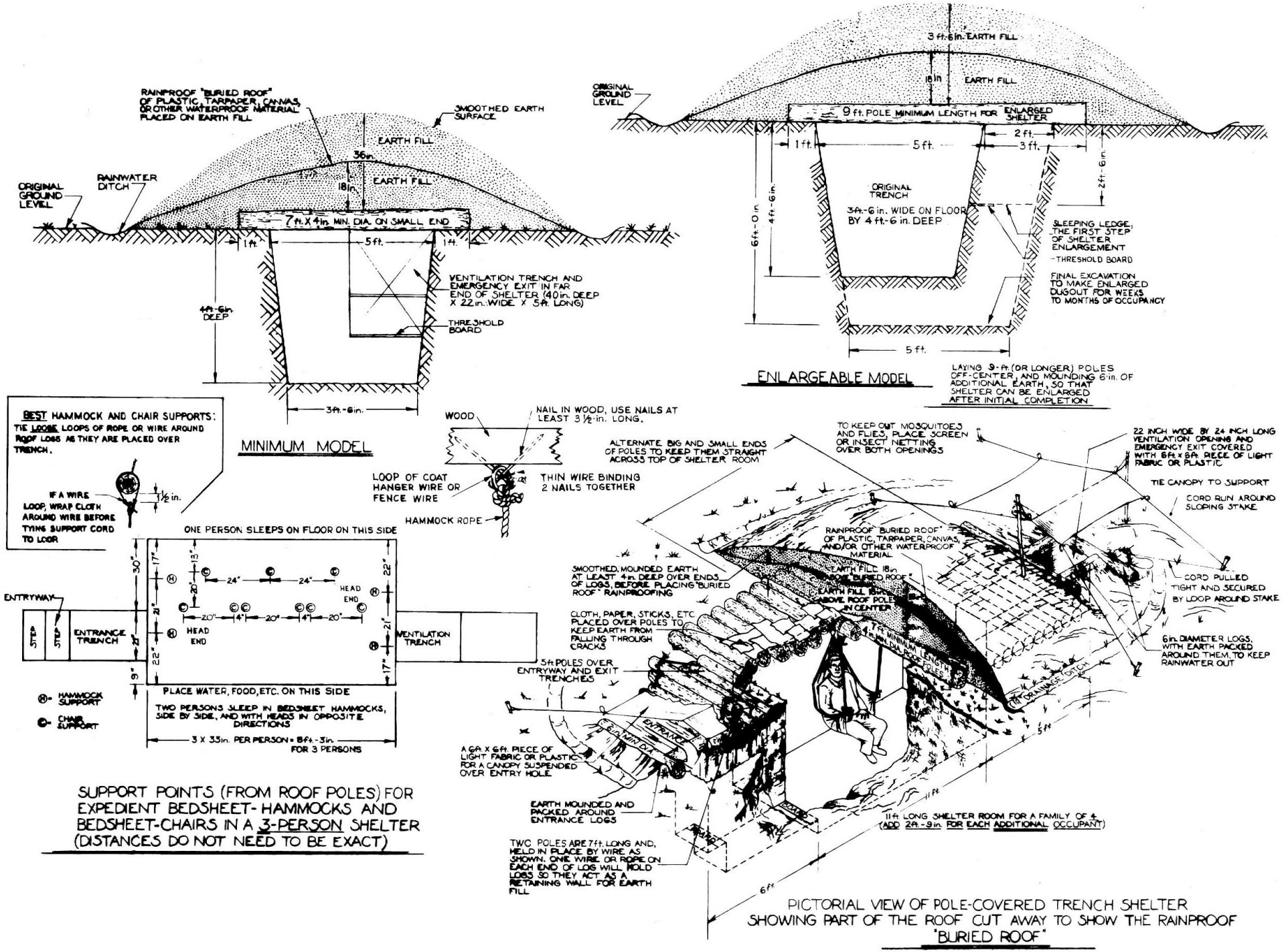


Fig. A.2.2. Pole-Covered Trench Shelter.

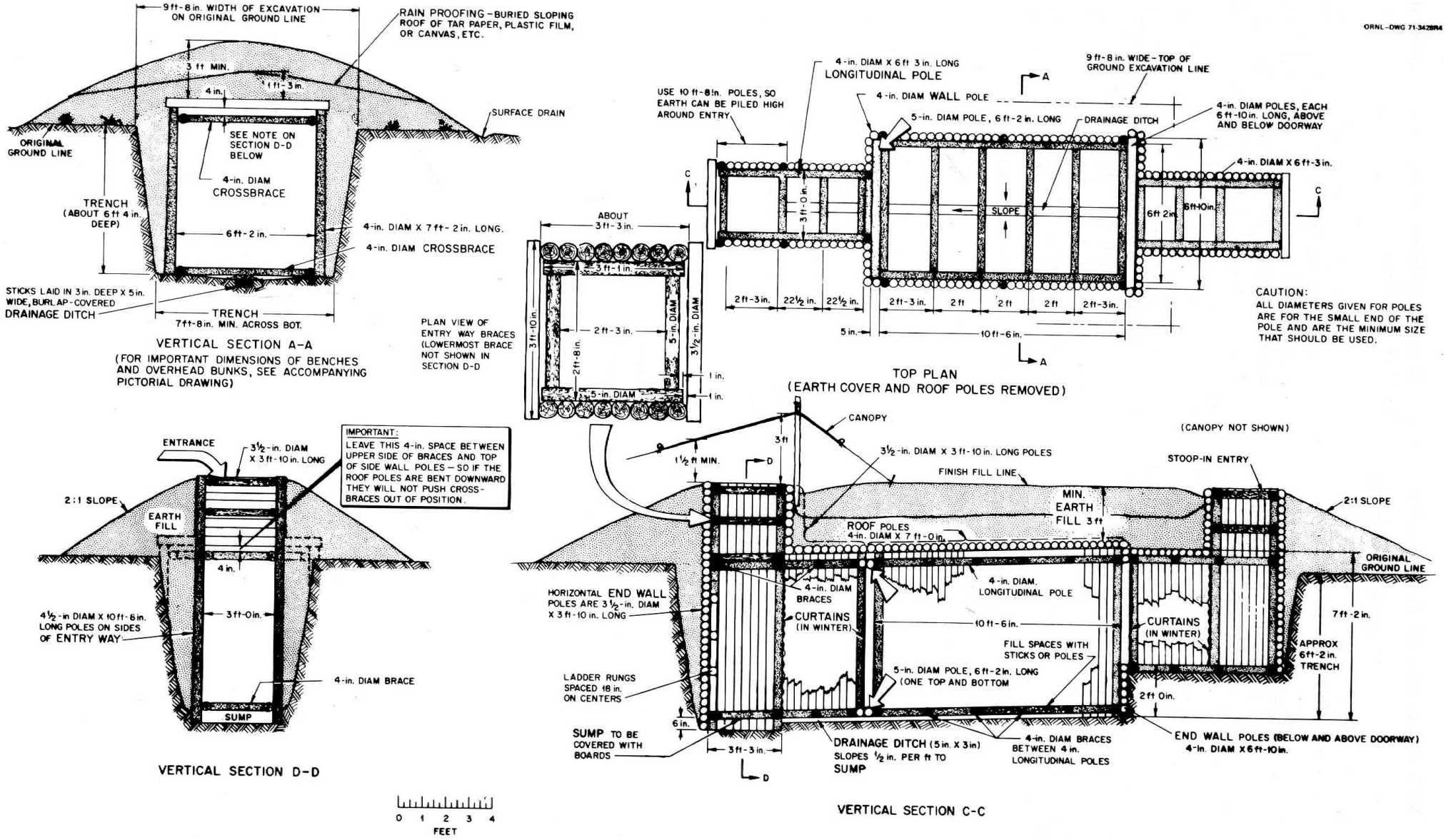


Fig. A.3.1. Plan and Elevation of Small-Pole Shelter.

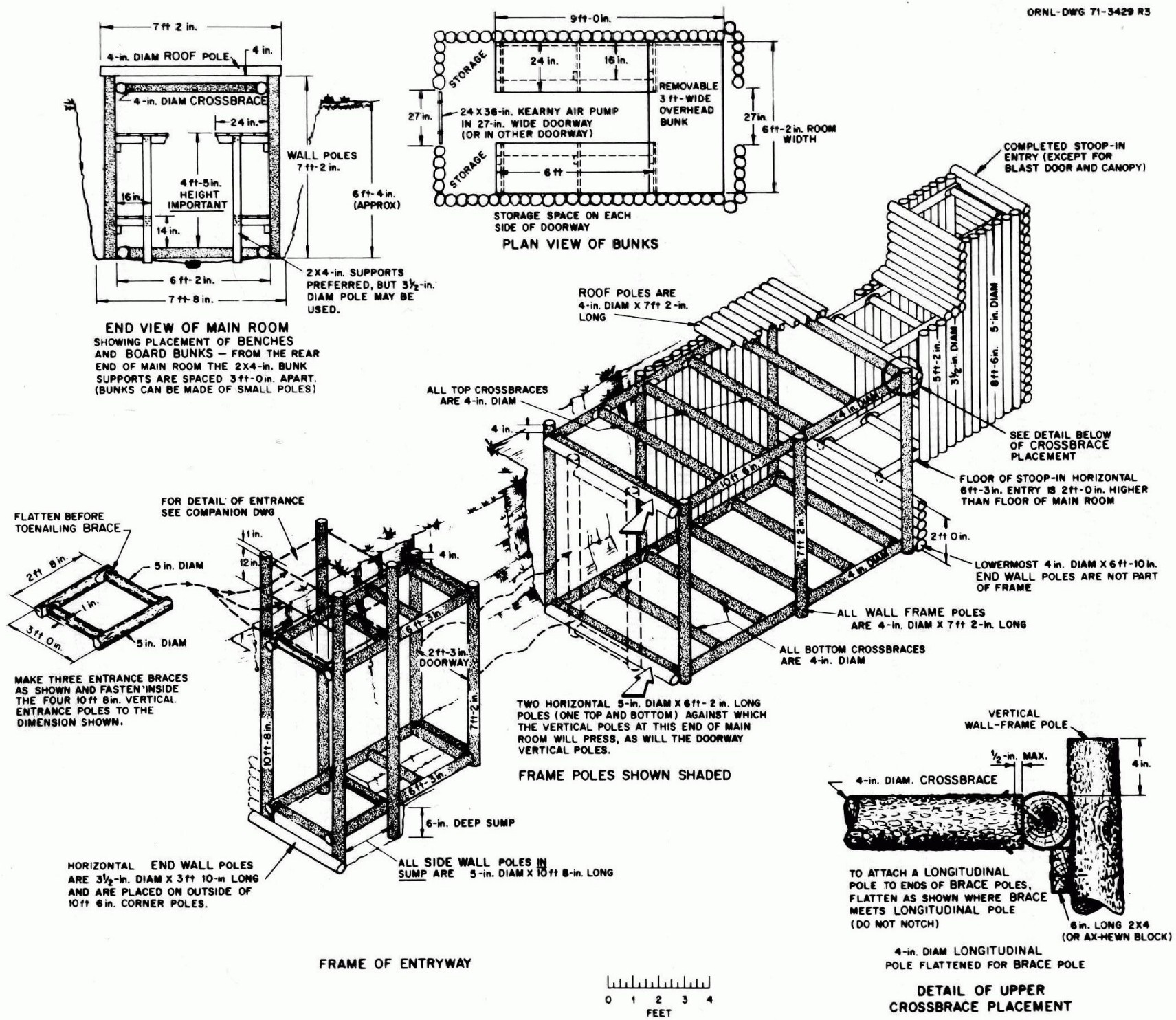


Fig. A.3.2. Pictorial View of Small-Pole Shelter.

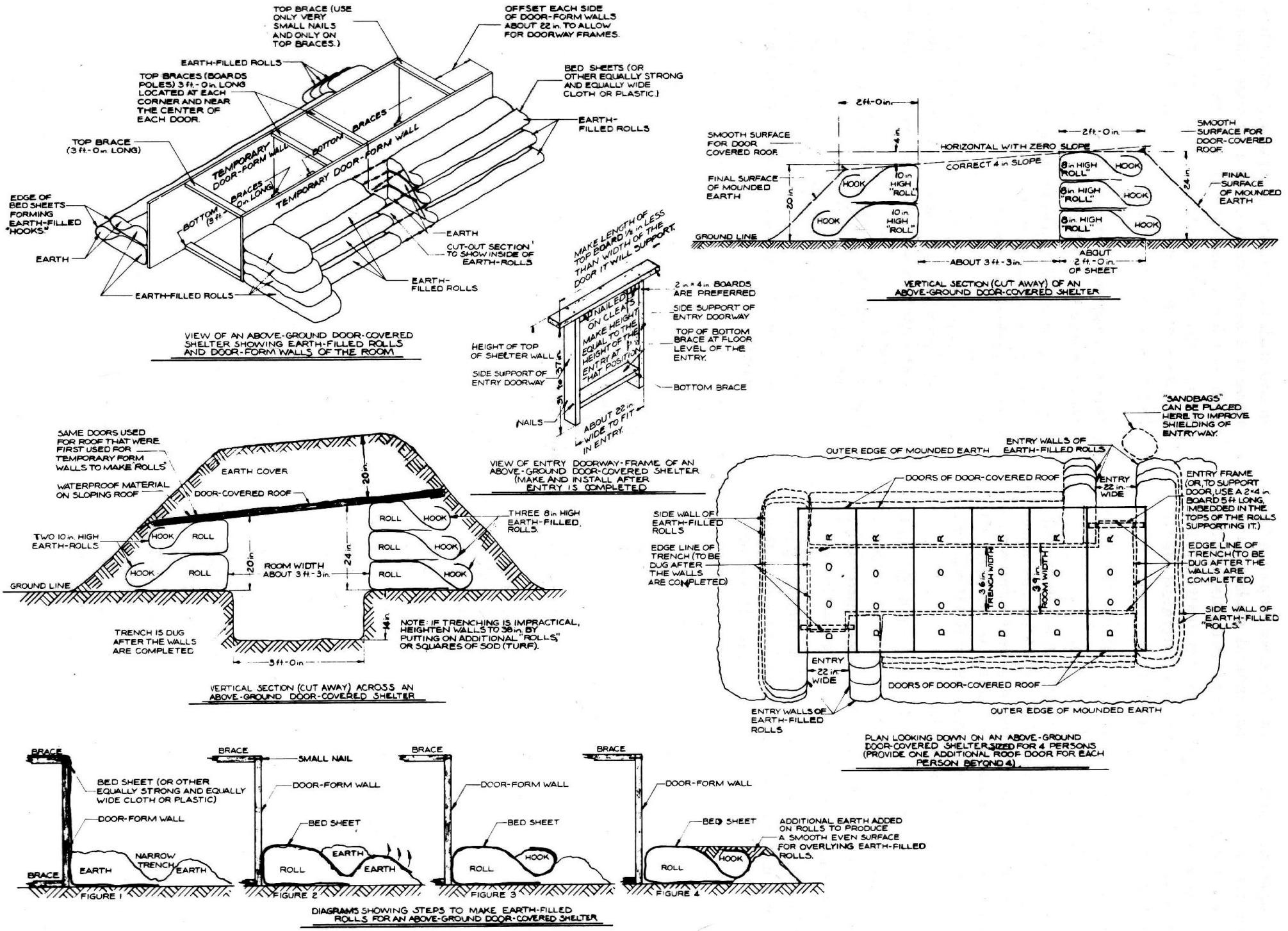


Fig. A.4. Aboveground, Door-Covered Shelter.

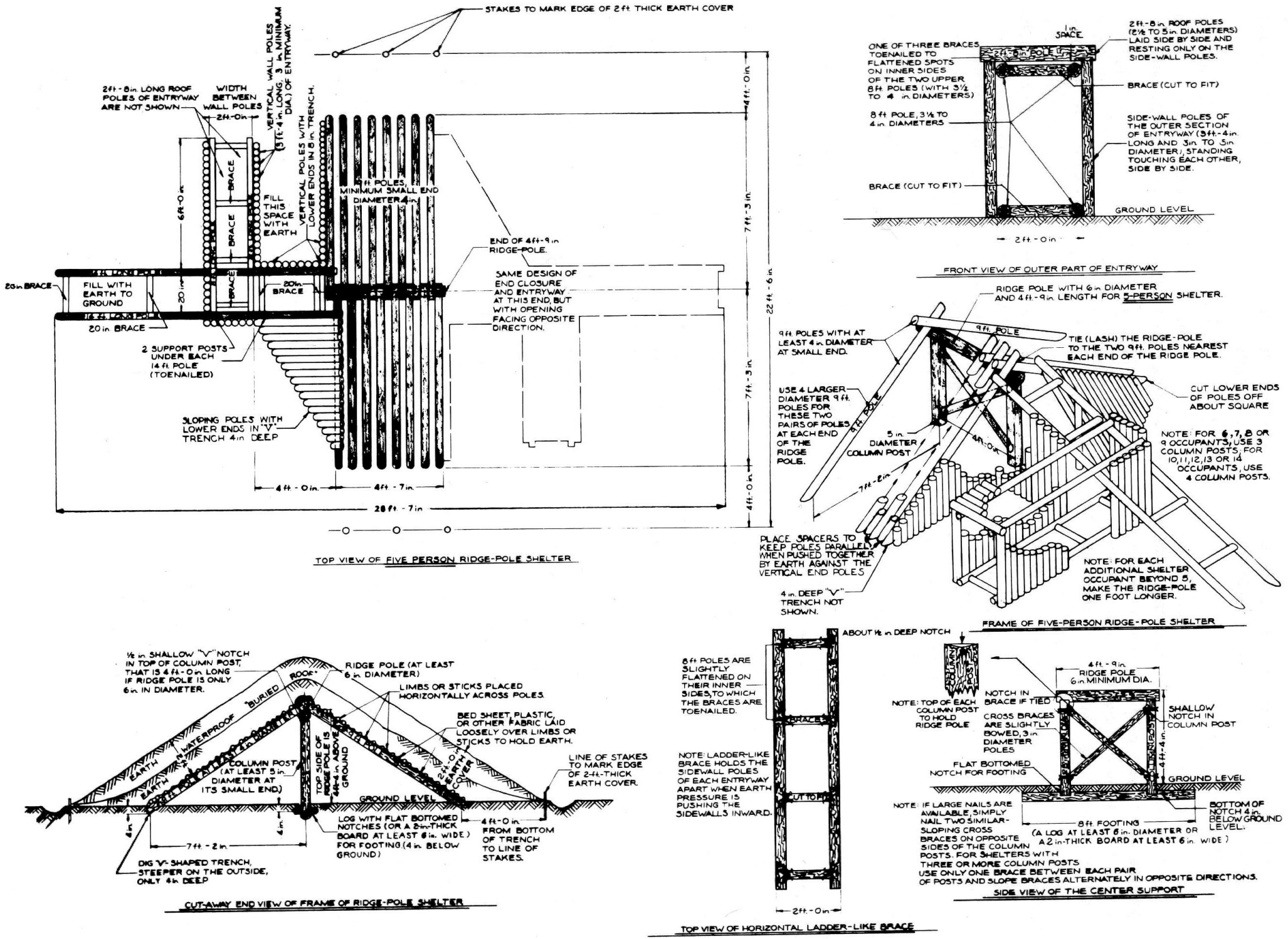


Fig. A.5. Aboveground, Ridgepole Shelter.

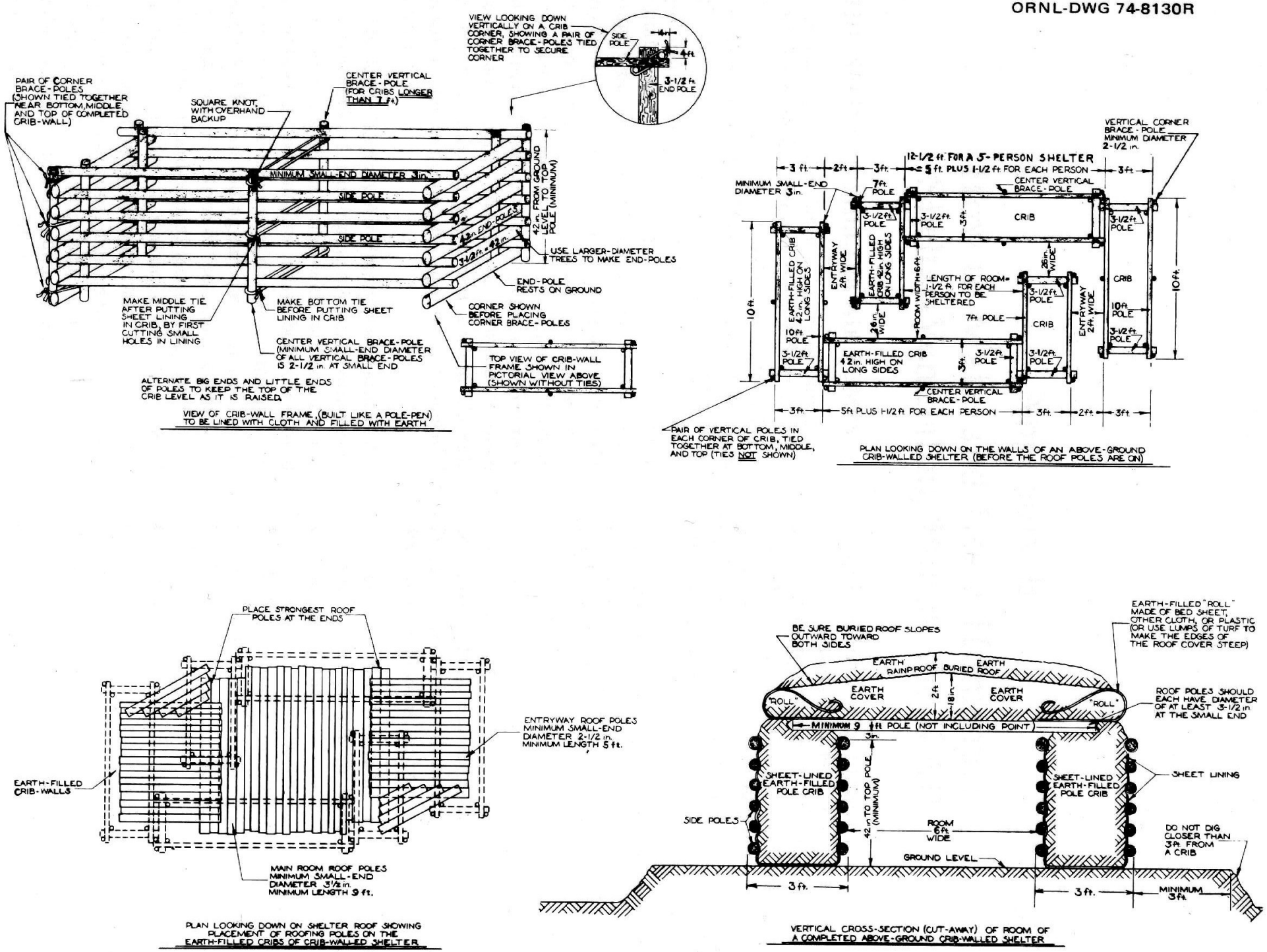


Fig. A.6. Aboveground, Crib-Walled Shelter.

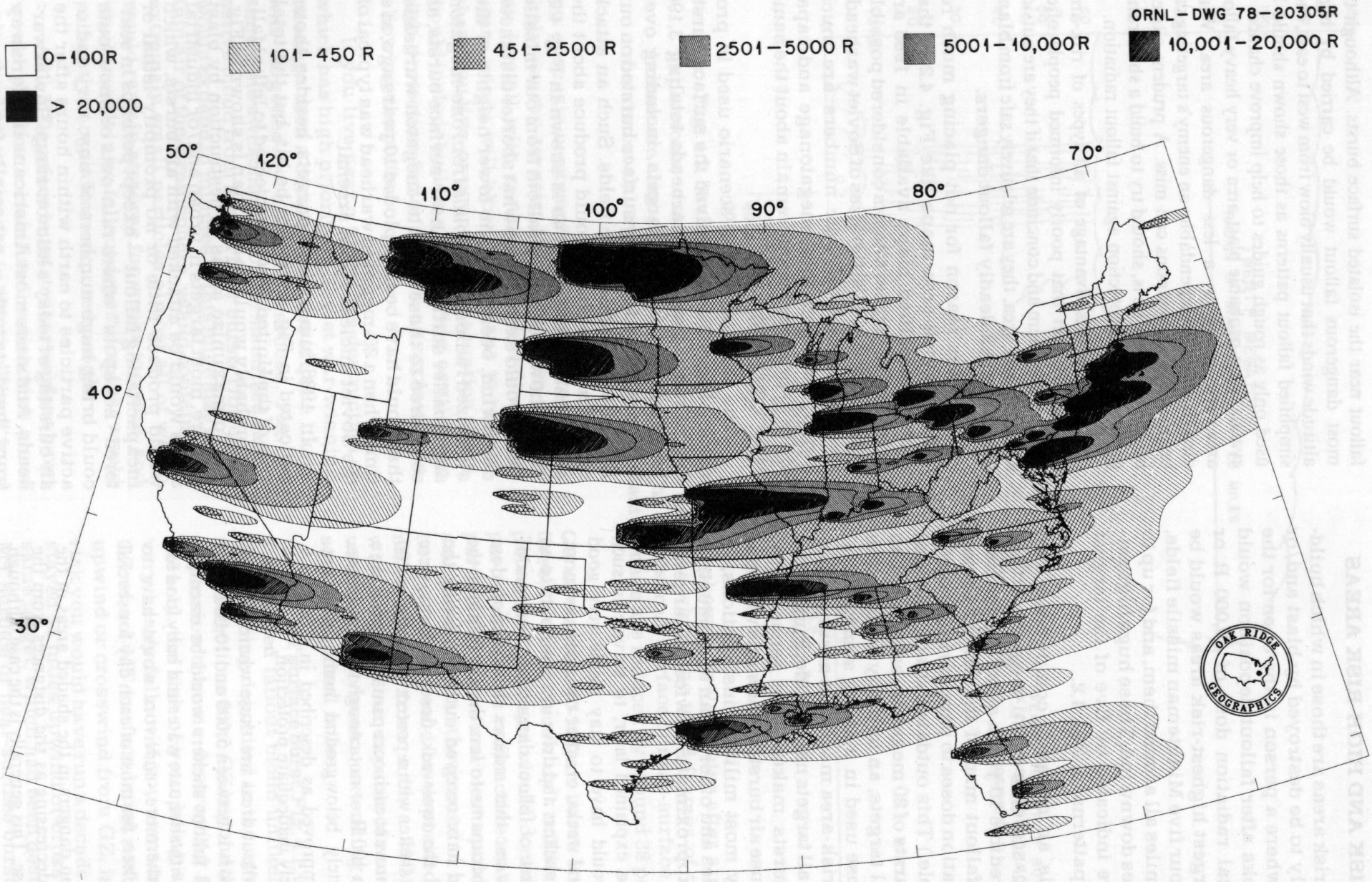
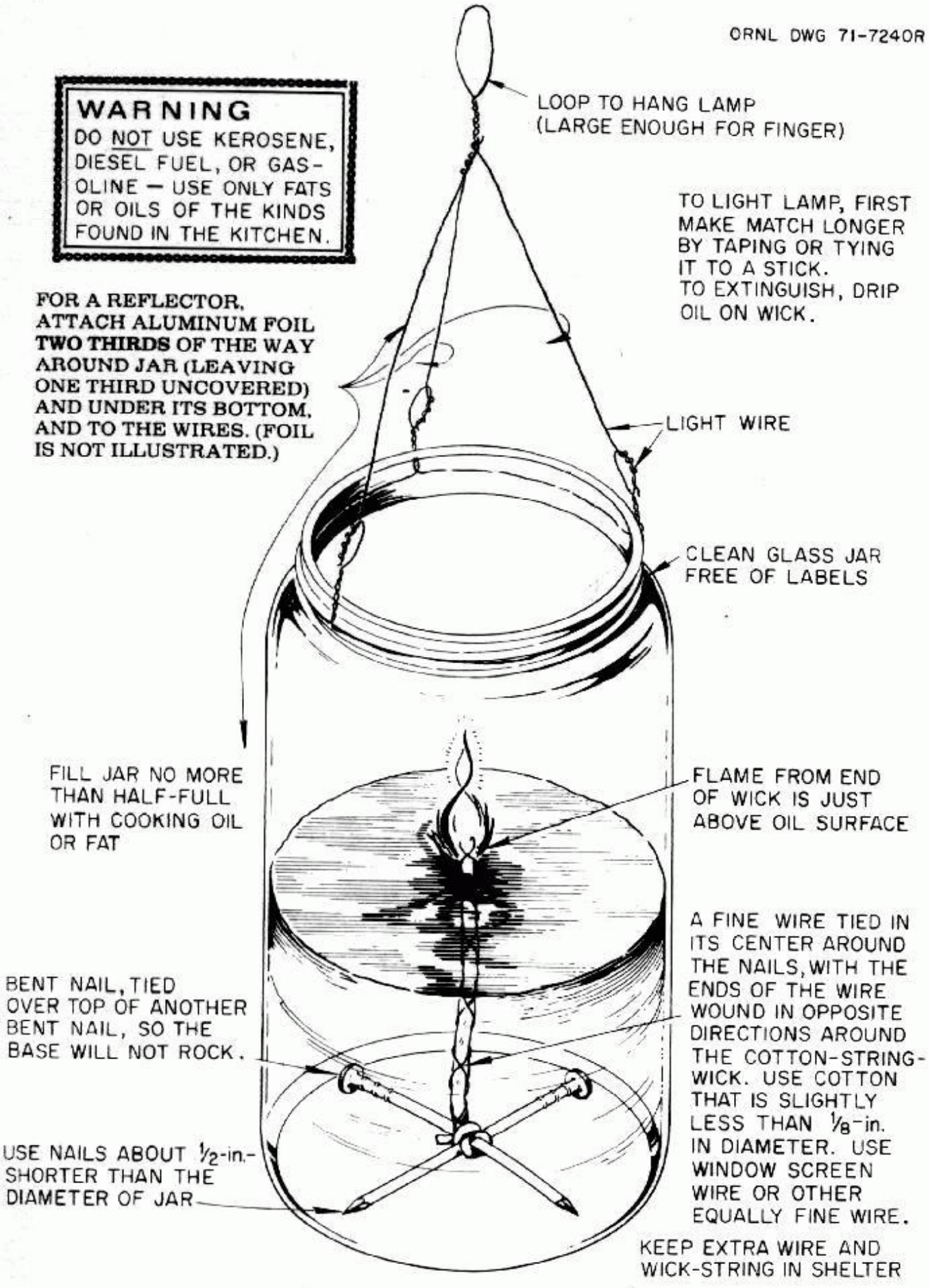


Fig. 4.2. Simplified, outdated fallout patterns showing total radiation doses that would be received by persons on the surface and in the open for the entire 14 days following the surface bursting of 5050 megatons on the targets indicated, if the winds at all elevations blew continuously from the west at 25 mph.

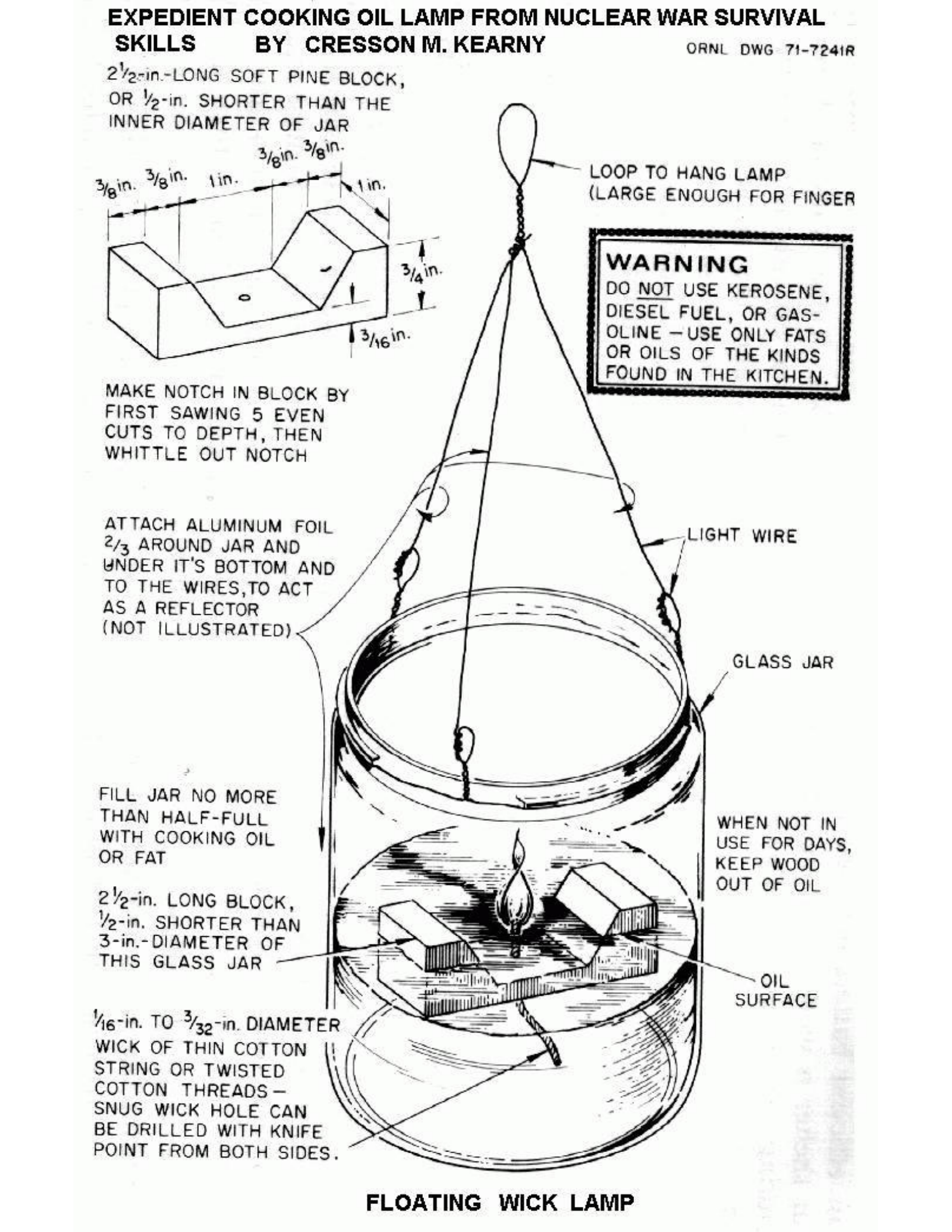
EXPEDIENT COOKING-OIL LAMP FROM NUCLEAR WAR SURVIVAL SKILLS, BY CRESSON M. KEARNY



WIRE-STIFFENED-WICK LAMP

EXPEDIENT COOKING OIL LAMP FROM NUCLEAR WAR SURVIVAL SKILLS BY CRESSON M. KEARNY

ORNL DWG 71-7241R



FLOATING WICK LAMP

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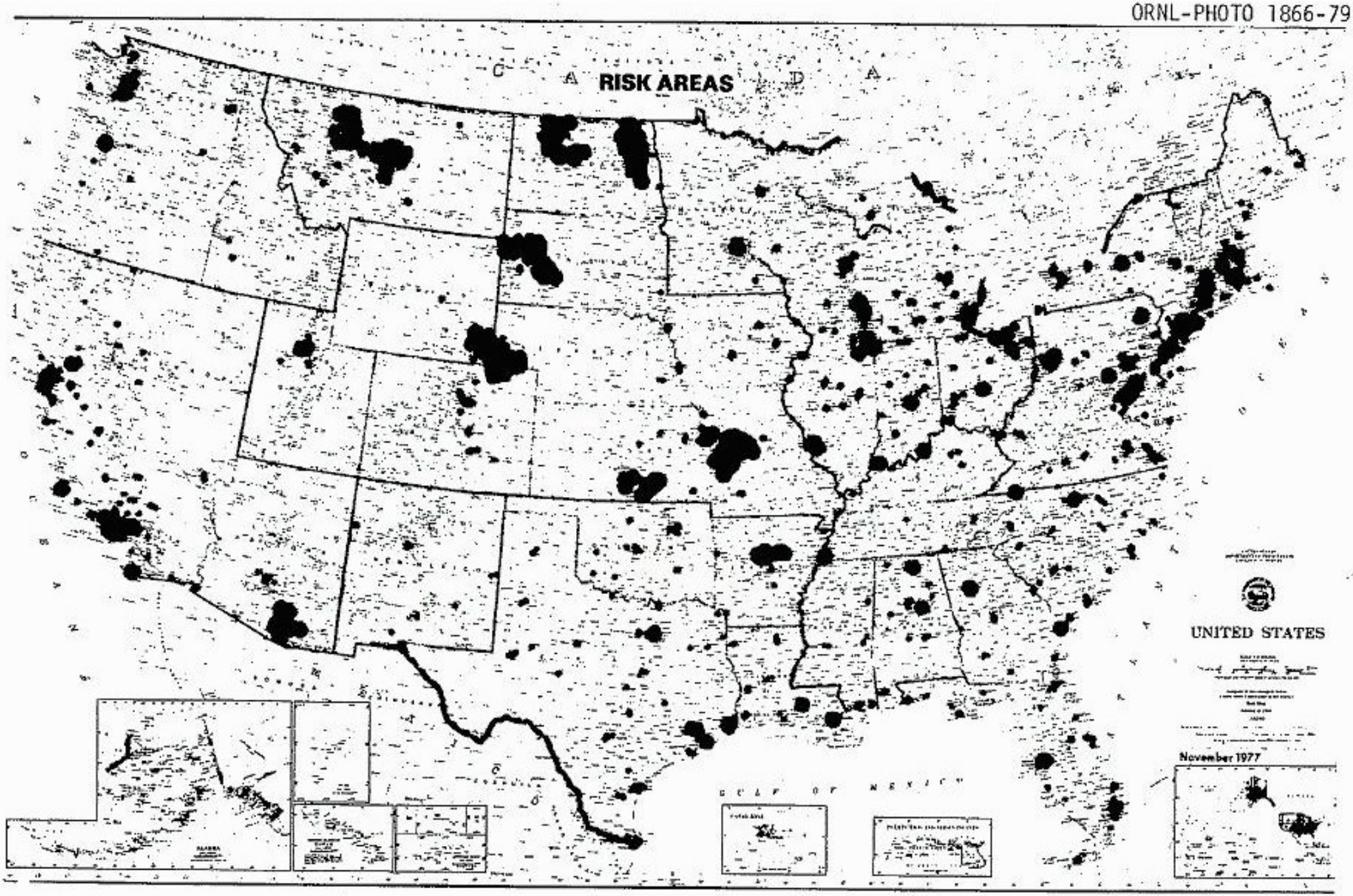

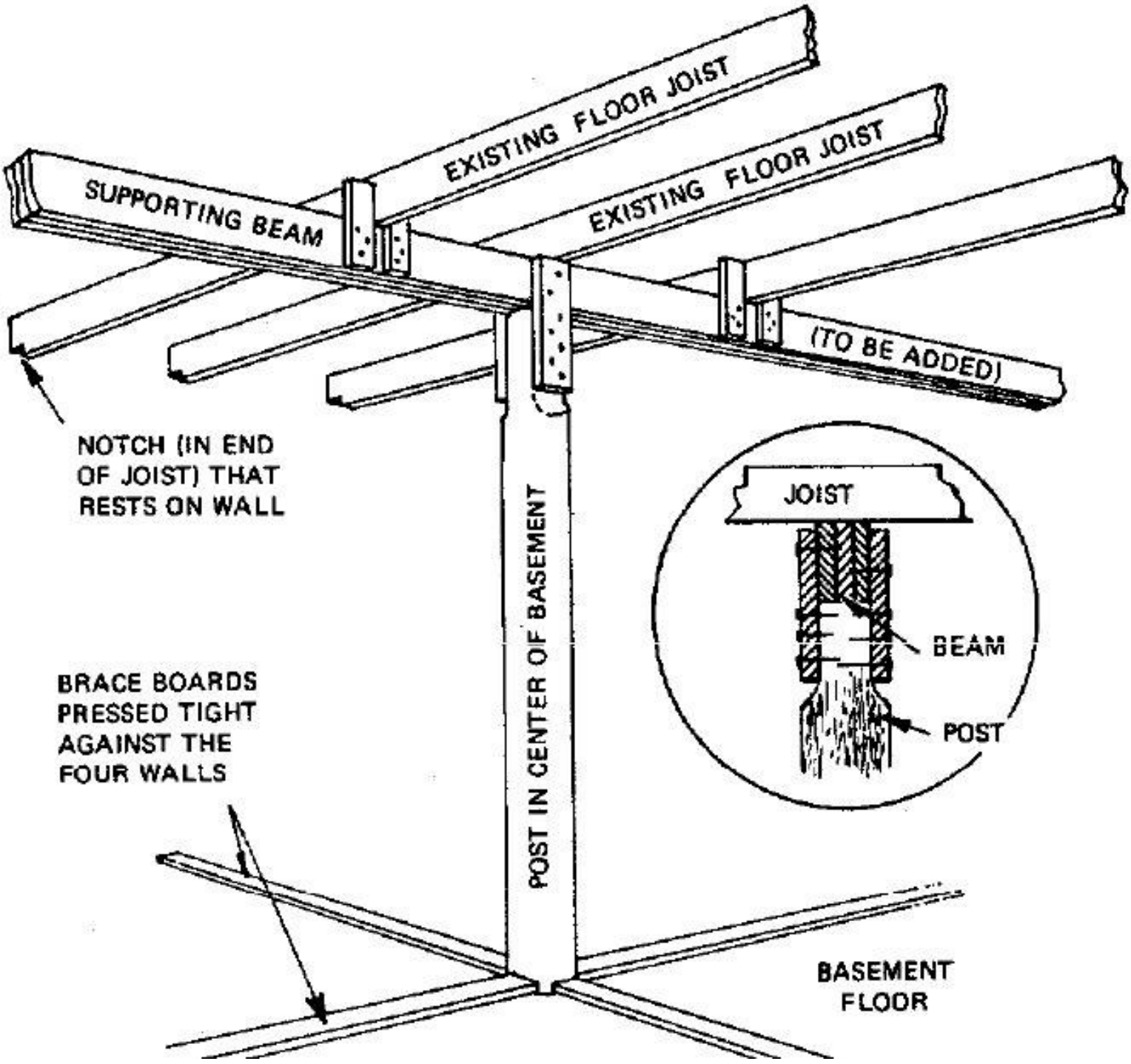
EXISTING FLOOR JOIST
EXISTING FLOOR JOIST
SUPPORTING BEAM
(TO BE ADDED)
NOTCH (IN END OF JOIST) THAT RESTS ON WALL
JOIST
BEAM
POST
POST IN CENTER OF BASEMENT
BRACE BOARDS PRESSED TIGHT AGAINST THE FOUR WALLS
BASEMENT FLOOR

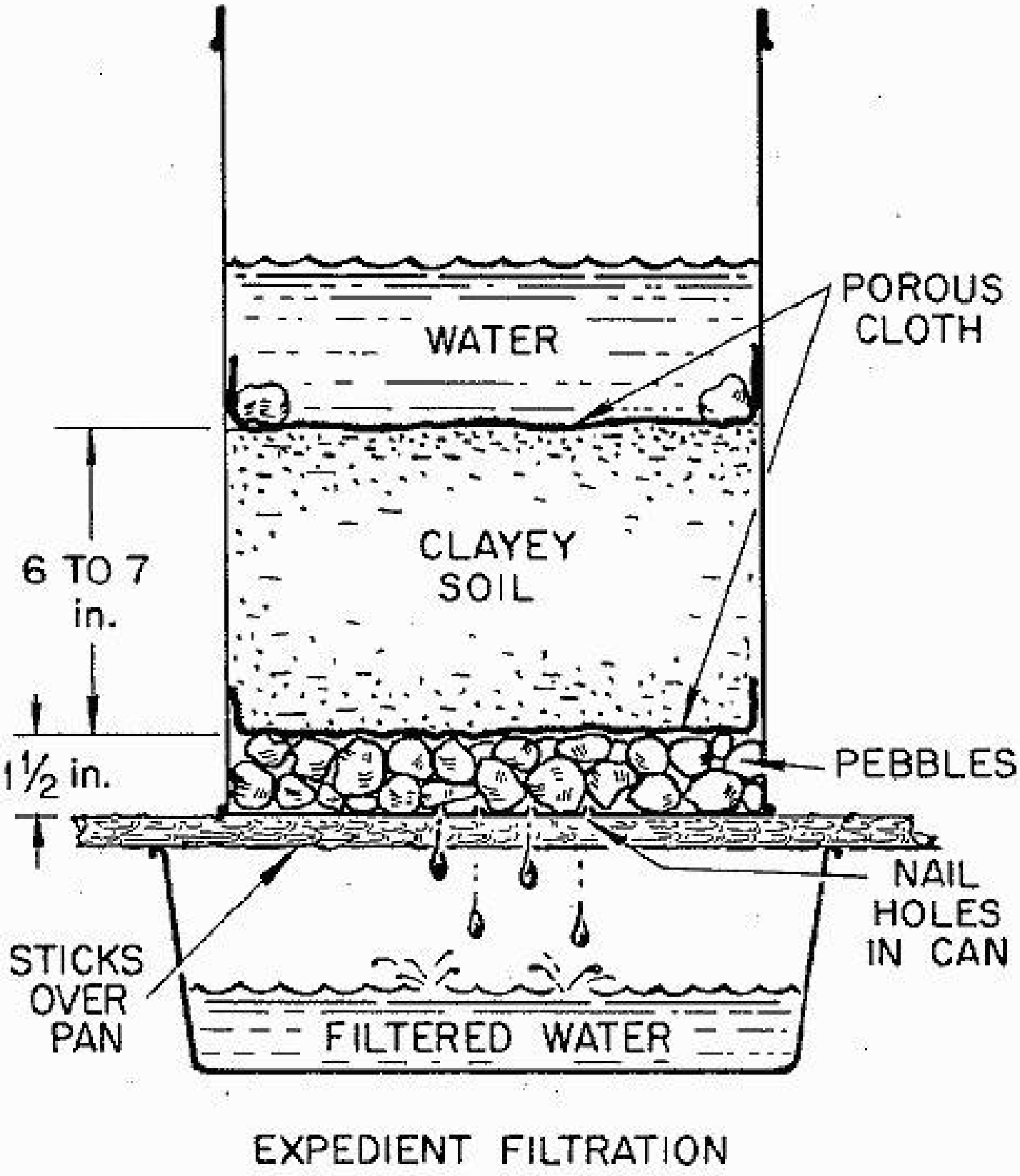

Fig. 8.11. Expedient filter to remove radioactivity from water.

Expedient Grain Mill from NWSS page 77