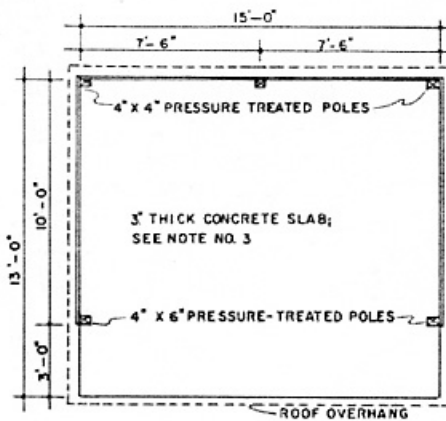


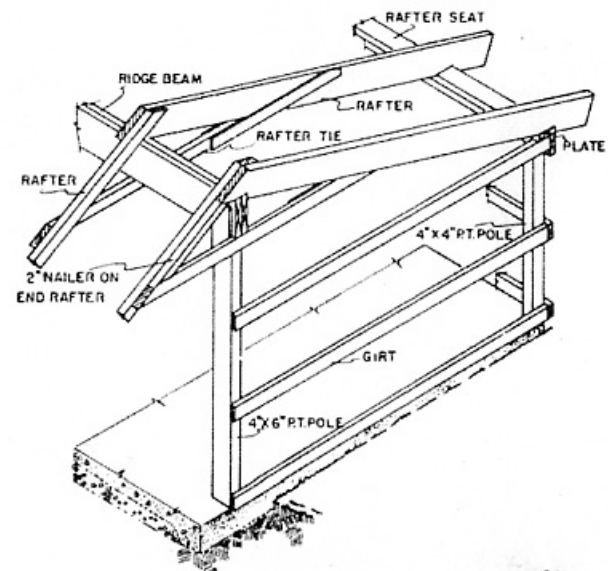
LONGITUDINAL SECTION

SCALE: 0 1 2 3 4 FT.



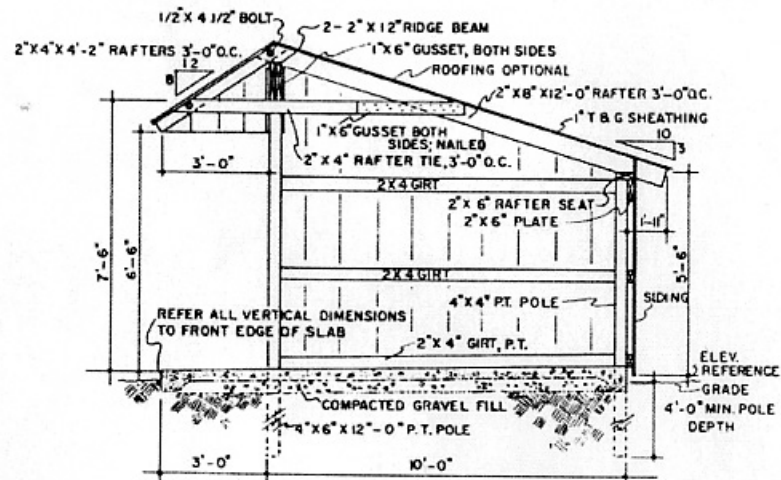
PLAN

SCALE: 0 2 4 6 FT.



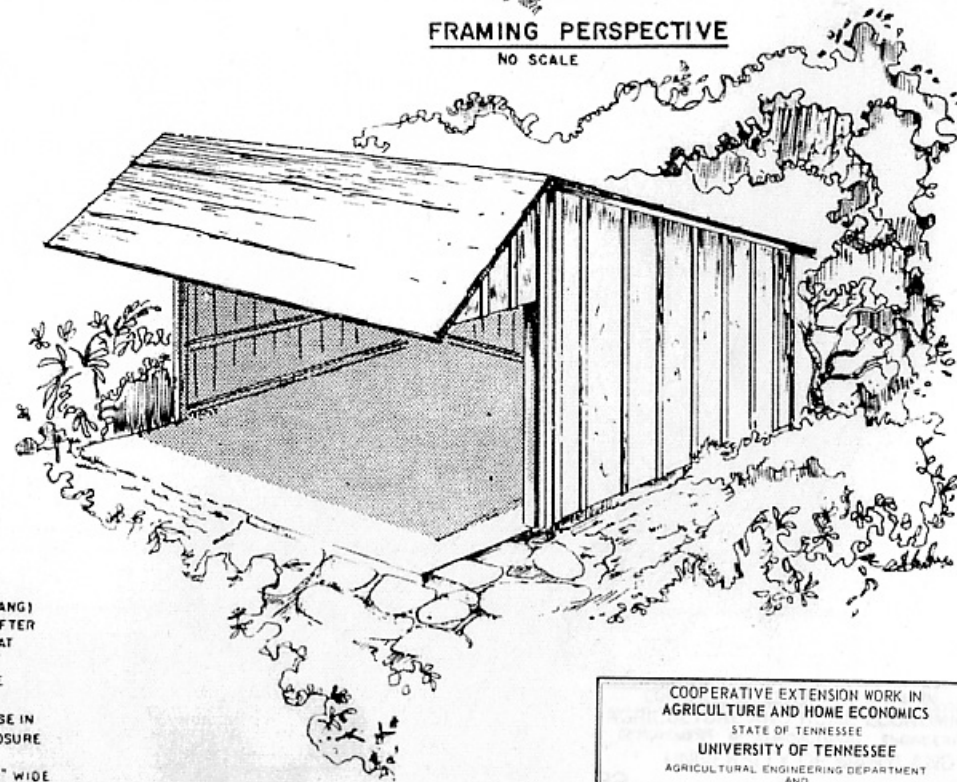
FRAMING PERSPECTIVE

NO SCALE



CROSS SECTION

SCALE 0 1 2 3 4 FT.



- DESIGN IS BASED ON ROUGH SAWN EASTERN HEMLOCK.
- DESIGN ROOF LOAD: 30 LBS PER 50 FEET.
- CONCRETE FLOOR SLAB HAS THICKENED EDGE 9" DEEP BY 6" WIDE ALONG BOTTOM SURFACE, SLOPE FLOOR APPROX 1/4" PER FOOT FROM REAR TO OPEN FRONT FOR DRAINAGE. PUDDLING WITHIN SHELTER FROM WIND DRIVEN RAIN MAY BE MINIMIZED BY INCREASING THE SLOPE OF THE 3' FRONT APRON. REQUEST A CONCRETE MIX WITH 3/4" MAX SIZE AGGREGATE, 6 1/2 SACKS OF CEMENT PER CUBIC YARD, 6 GAL WATER / CEMENT RATIO, AND 6 PERCENT ENTRAINED AIR BY VOLUME.
- TAMPED EARTH OR GRAVEL FLOORS MAY BE SUBSTITUTED FOR CONCRETE IF DESIRED.
- ALL WOOD IN CONTACT WITH EARTH OR CONCRETE SHOULD BE PRESSURE TREATED WITH A PRESERVATIVE.
- ASSEMBLE RAFTER UNITS ON THE GROUND IN A JIG FOR BOLT LOCATION; DETACH SHORT 2 X 4 (OVERHANG) RAFTER FROM THE UNIT FOR ERECTION; THE 2 X 8 RAFTER SHOULD BE ON THE OUTSIDE OF THE 2 X 4 OVERHANG AT BOTH ENDS OF THE BUILDING.
- ERECT THE 4 X 6 POLES WITH RIDGE-BEAM FIRST, THE REAR WALL POLES CAN THEN BE LOCATED.
- FOR WEATHER PROTECTION OR SECURE STORAGE, CLDSE IN THE FRONT WITH AN OPEN FRONT, A SOUTHERN EXPOSURE IS DESIREABLE.
- ROUGH-SAWN BOARD & BATTEN SIDING WITH 10" TO 12" WIDE BOARDS & 2" TO 3" WIDE BATTENS ON CRACKS BETWEEN BOARDS IS ATTRACTIVE. OTHER SIDING MATERIALS CAN BE USED IF DESIRED.

COOPERATIVE EXTENSION WORK IN
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UNIVERSITY OF TENNESSEE
AGRICULTURAL ENGINEERING DEPARTMENT
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

ADIRONDACK-TYPE SHELTER

MASS 66 EX 5998 SHEET 1 OF 1