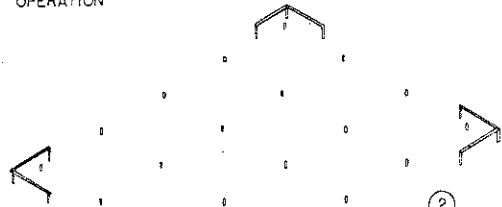
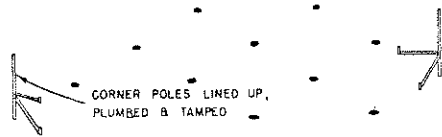


PLAN TO SUIT OPERATION



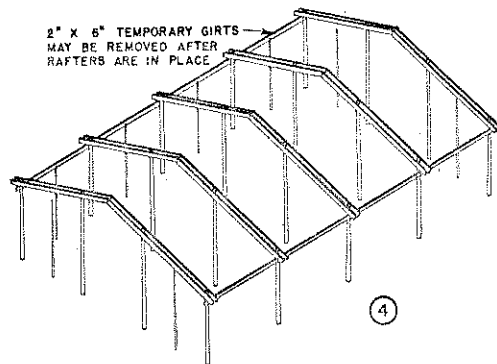
BATTER BOARDS & STAKES

SOUTH OR EAST



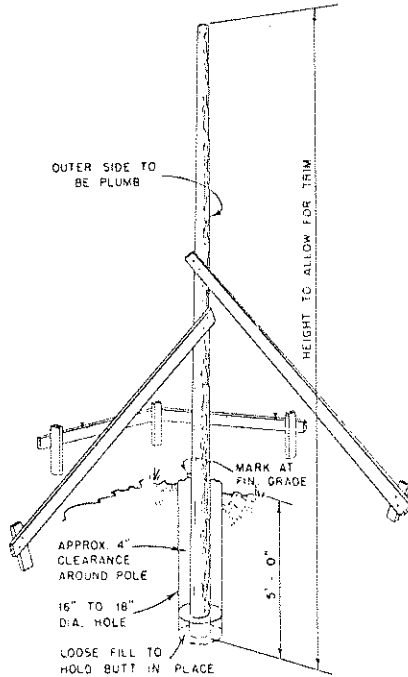
CORNER POLES LINED UP, PLUMBED & TAMPED

POST HOLES

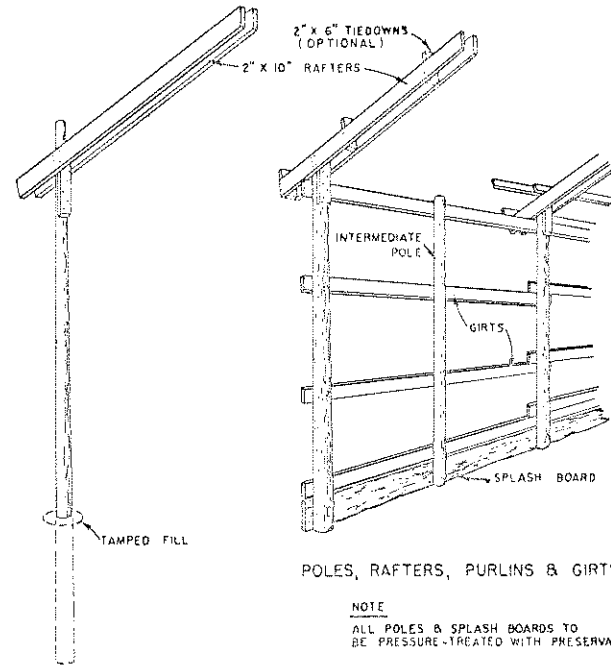


2" x 5" TEMPORARY GIRTS MAY BE REMOVED AFTER RAFTERS ARE IN PLACE

ERECTION OF BALANCE OF POLES & RAFTERS



POST HOLE & BRACED POLE

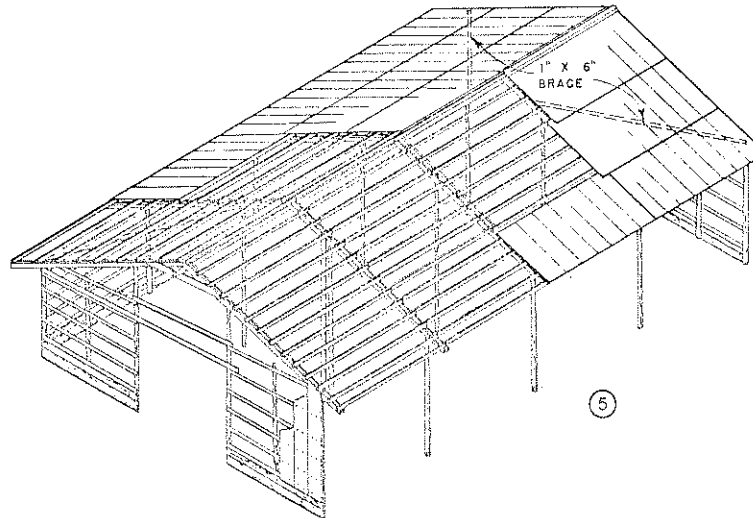


POLE & RAFTERS

POLES, RAFTERS, PURLINS & GIRTS

NOTE

ALL POLES & SPLASH BOARDS TO BE PRESSURE-TREATED WITH PRESERVATIVE



PURLINS, GIRTS, ROOFING & SIDING

NOTE

THIS BUILDING IS DESIGNED FOR AREAS OF THE SOUTHERN UNITED STATES WHERE THE SNOW LOAD DOES NOT EXCEED 10<sup>4</sup> PER SQ. FT. & WIND DOES NOT EXCEED 88 MI PER HOUR. IN A FEW AREAS, SUCH AS NORTHERN VIRGINIA & WESTERN KENTUCKY, WHERE SNOW LOADS EXCEED 10<sup>4</sup> PER SQ. FT., 2" x 12" RAFTERS SHOULD BE USED INSTEAD OF THE 2" x 10" RAFTERS SHOWN & PURLINS SHOULD BE SPACED 16" O.C. INCREASE NUMBER OF 304 NAILS IN RAFTER TO POLE CONNECTIONS 50%. IT SHOULD NOT BE USED IN OTHER AREAS WITHOUT REDESIGNING FRAMING TO MEET LOCAL CONDITIONS.

NOTE

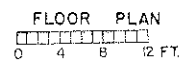
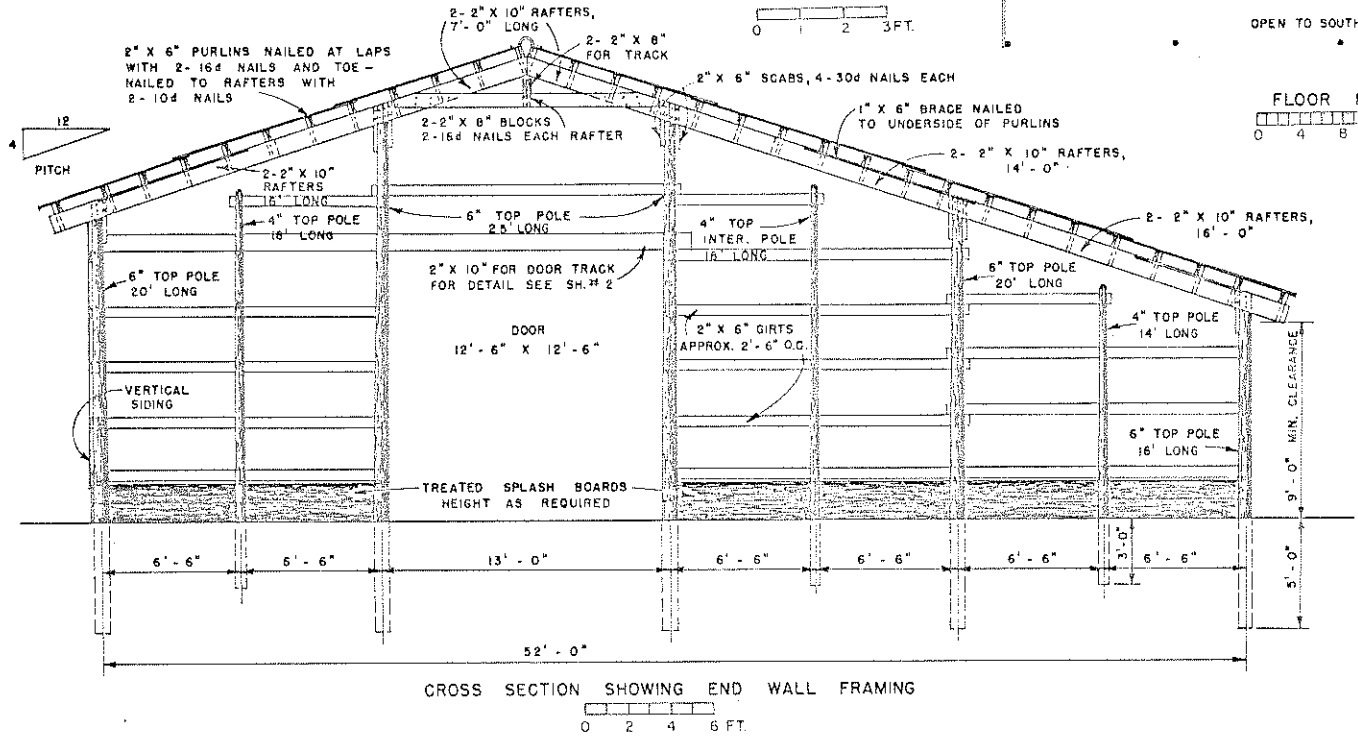
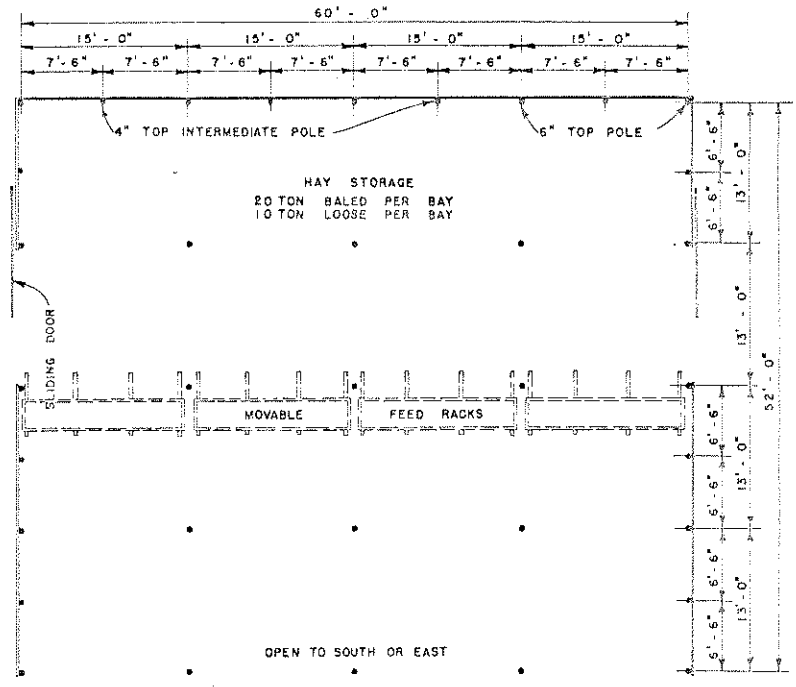
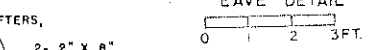
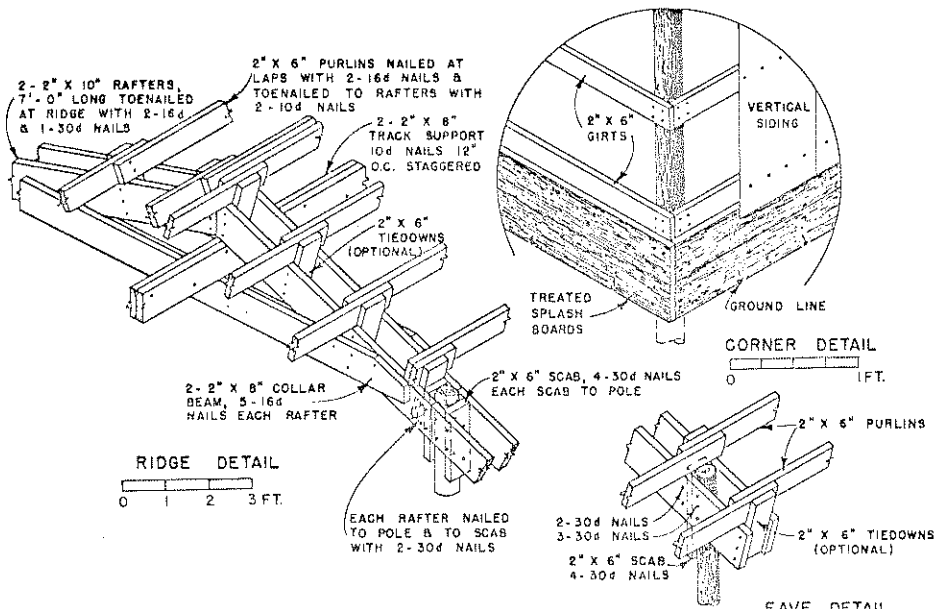
THIS BARN MAY BE BUILT IN ANY LENGTH DESIRED IN UNITS OF 15'-0"

COOPERATIVE EXTENSION WORK IN  
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POLE BARN

USDA '54 EX. 5780 SHEET 1 OF 3





**NOTE:**  
 ROOFING; PURLIN SPACING NOT TO EXCEED 2'-0" FOR .024", 2 1/2" CORRUGATED ALUM. OR 26 GA. 2 1/2" CORRUGATED GALVANIZED STEEL. SIDE LAP SHEETS AT LEAST 1 1/2" CORRUGATIONS. END LAPS 6" MIN. USE 2 1/2" CORRUGATED RIDGE ROLL. LUMBER NOMINAL, ALLOWABLE FIBER STRESS - 1500 PSI FOR PURLINS, 1200 PSI FOR RAFTERS. IF METAL SIDING IS USED, NAILING GIRTS TO BE SPACED TO CONFORM TO MANUFACTURERS DIRECTIONS.

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**POLE BARN**

USDA '54 EX. 5780 SHEET 3 OF 3