

PLAN TO SUIT OPERATION

BATTER BOARDS & STAKES

SOUTH OR EAST

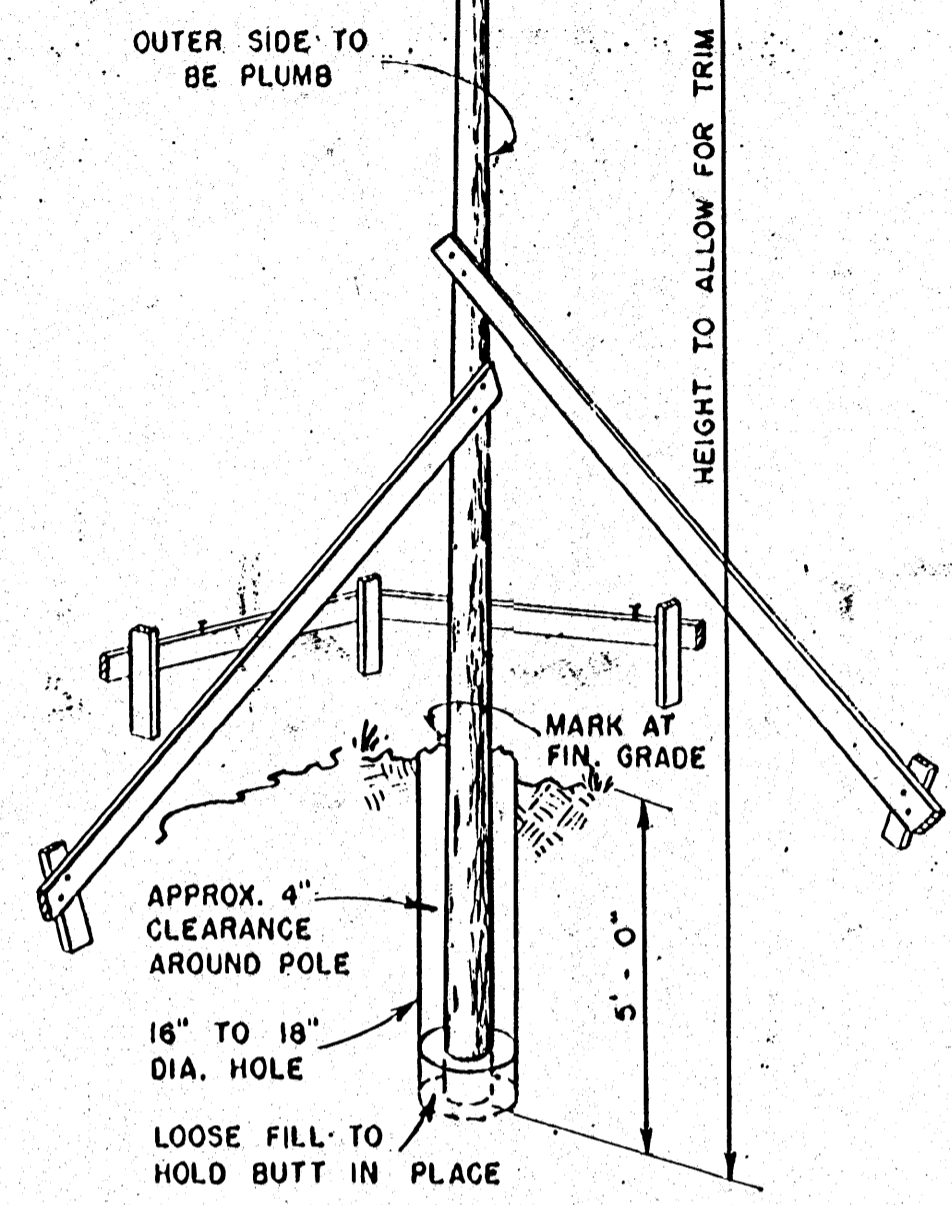
CORNER POLES LINED UP, PLUMBED & TAMPED

POST HOLES

2" X 6" TEMPORARY GIRTS MAY BE REMOVED AFTER RAFTERS ARE IN PLACE

4

ERECTION OF BALANCE OF POLES & RAFTERS



OUTER SIDE TO BE PLUMB

HEIGHT TO ALLOW FOR TRIM

MARK AT FIN. GRADE

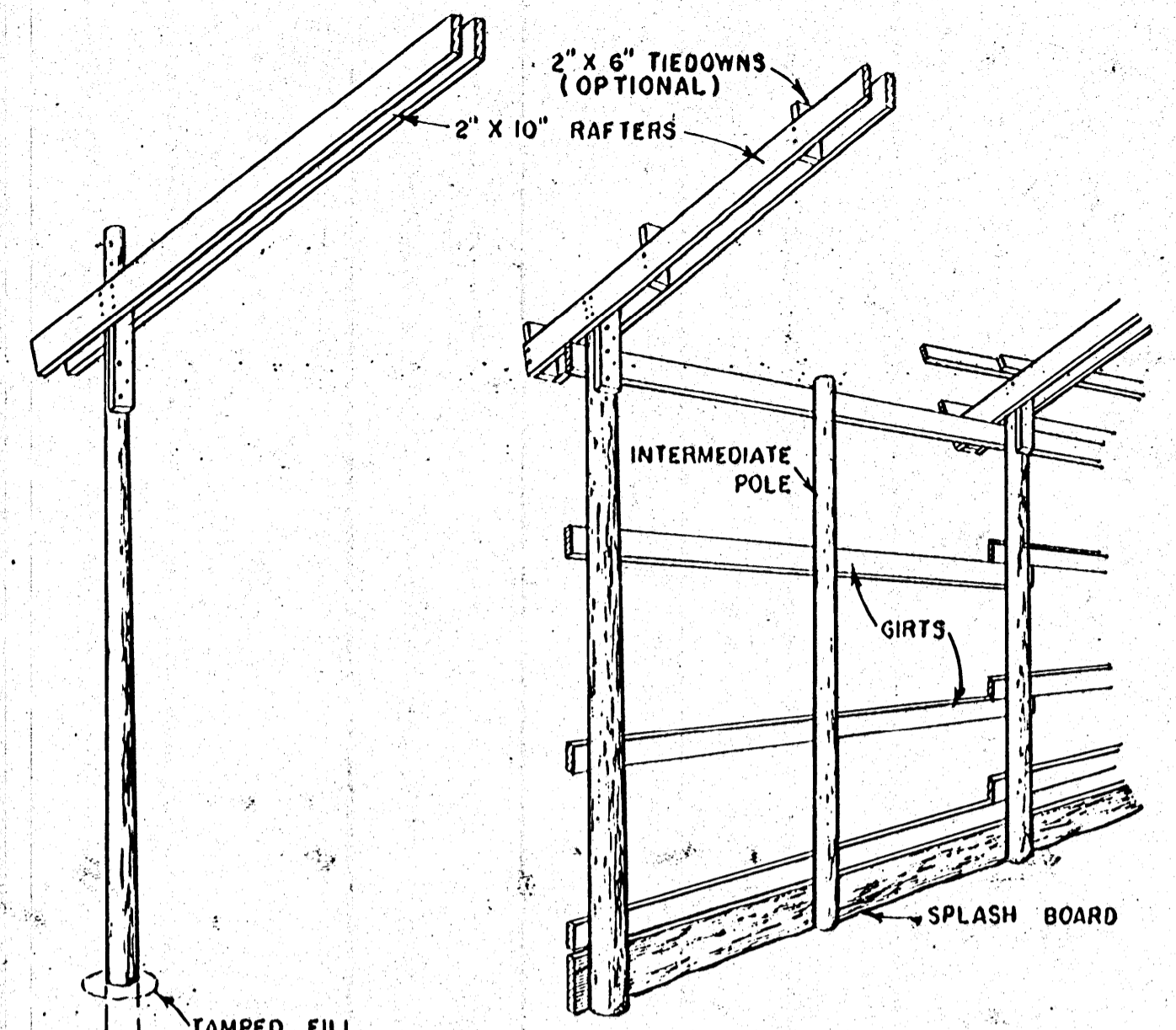
APPROX. 4" CLEARANCE AROUND POLE

16" TO 18" DIA. HOLE

LOOSE FILL TO HOLD BUTT IN PLACE

POST HOLE & BRACED POLE

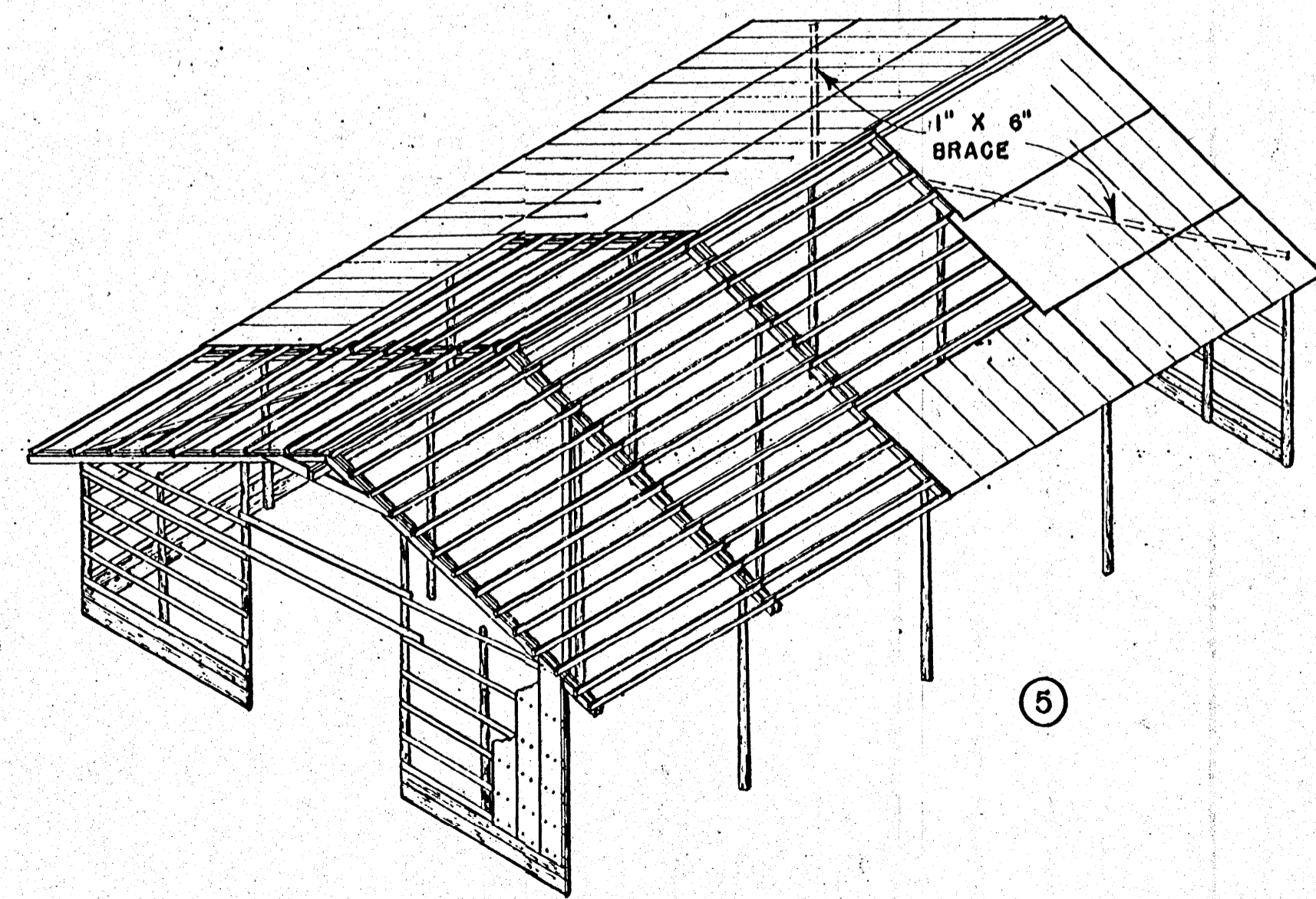
POLE & RAFTERS



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>#</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>#</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 30d NAILS IN RAFTER TO POLE CONNECTIONS 50%. IT SHOULD NOT BE USED IN OTHER AREAS WITHOUT REDESIGNING FRAMING TO MEET LOCAL CONDITIONS.

NOTE

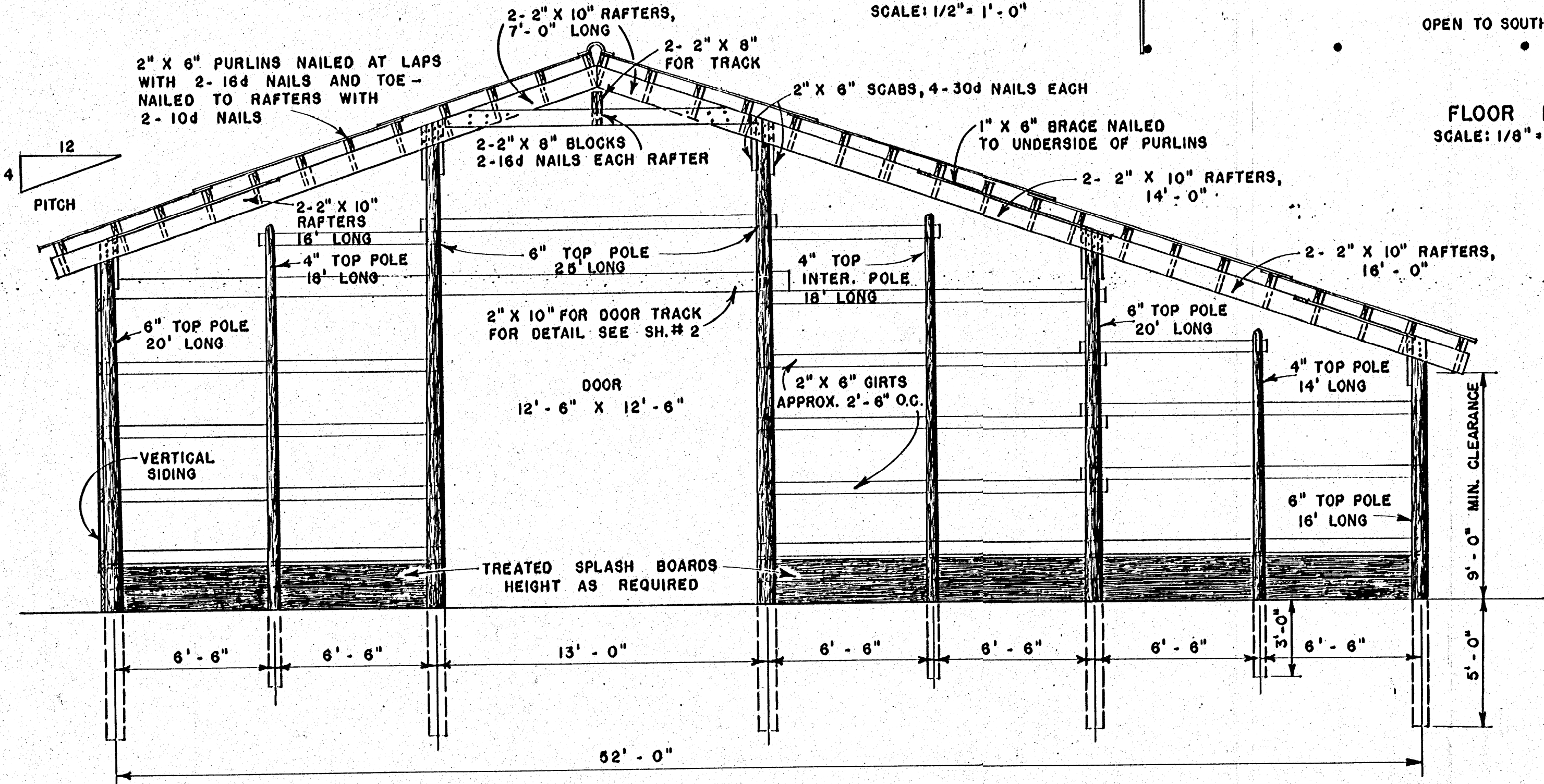
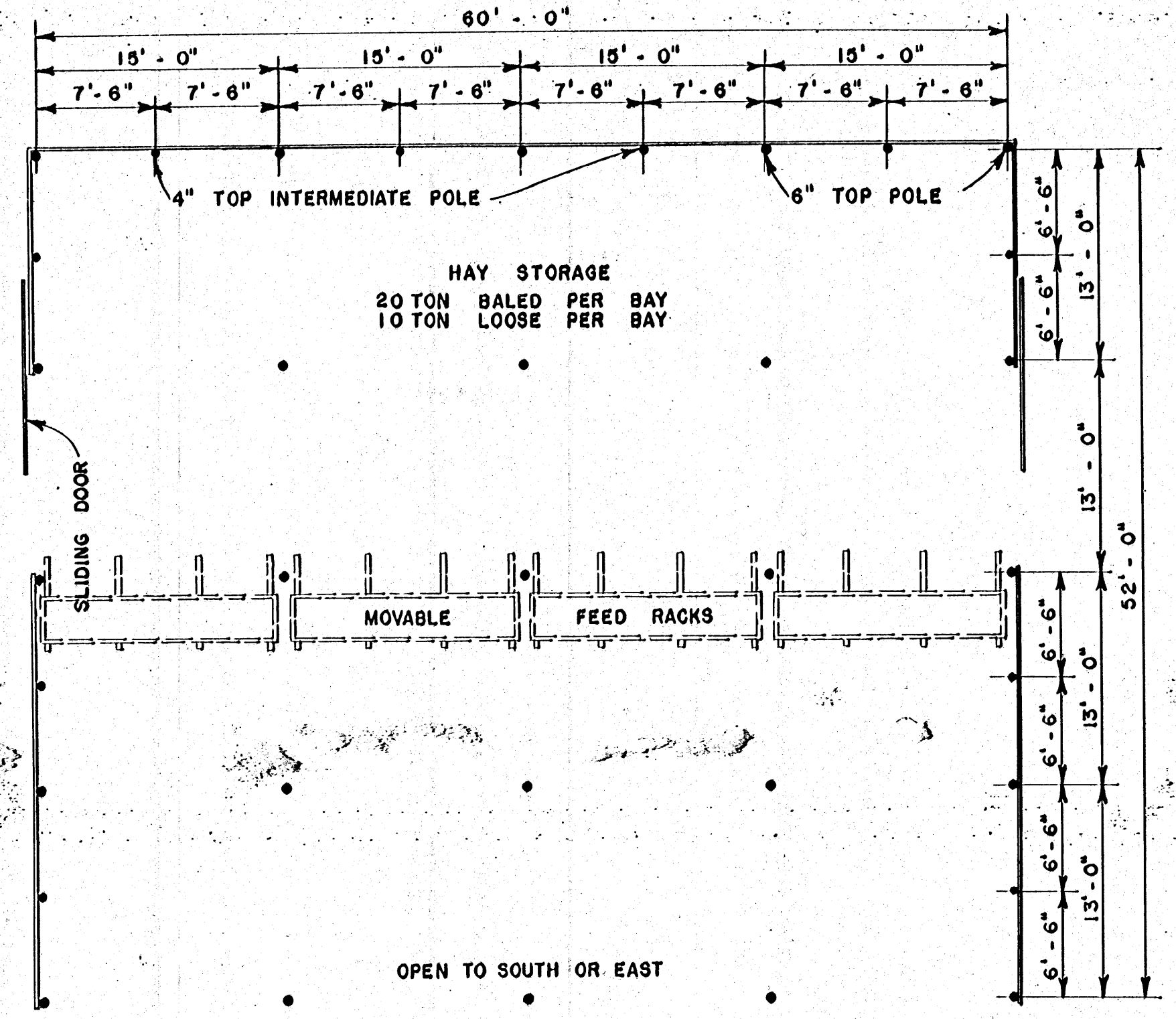
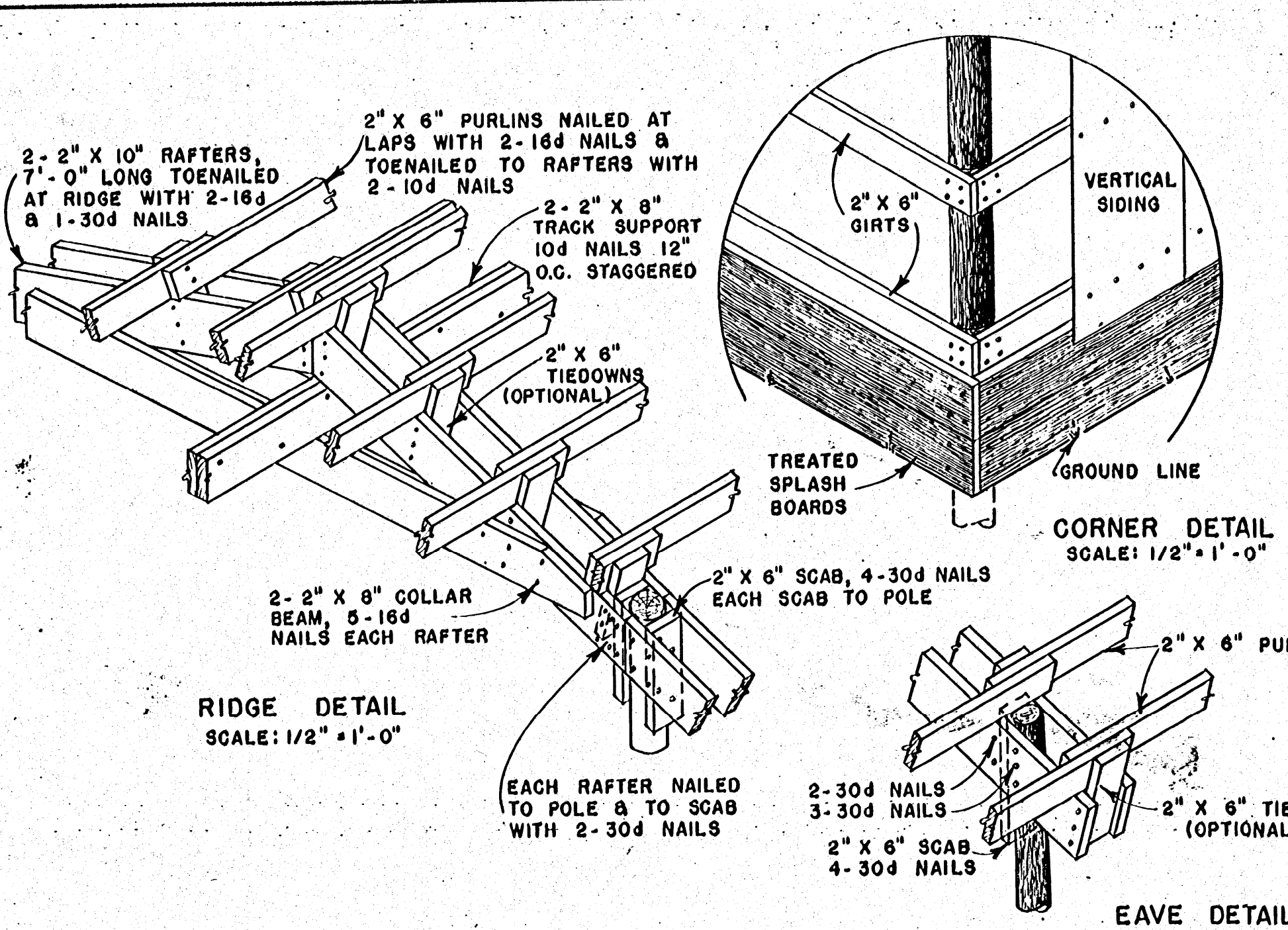
THIS BARN MAY BE BUILT IN ANY LENGTH DESIRED IN UNITS OF 15'-0"

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS  
STATE OF MISSISSIPPI  
MISSISSIPPI STATE UNIVERSITY  
AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

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**

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