



All rafters to be built up of four layers of boards with staggered joints as shown. The two middle layers are to be 1 3/8" boards with outer edges sawed to curve of roof as shown. The two outside layers are to be 1 3/4" boards with straight edges. Nail each layer to the adjoining one. Use 2 lb. 8d nails and 1/2 lb. 10d nails to each rafter. Use 7-8 x 5 bolts per rafter. Clinch all protruding nails secure grain.

NOTE: Use 5-2 1/2" x 12" for the girders if columns are spaced 10'-6" to 12'-0" o.c.

U.S. DEPARTMENT OF AGRICULTURE
BUREAU OF ARCHITECTURAL CHEMISTRY AND ENGINEERING
DIVISION OF FARM STRUCTURES
GOthic-ROOF BARN FRAMING
(36 FT AND 34 FT)

Scale: As Shown	CHECKED	SHEET	OF
Drawn by: J.C.C.		3	5
Checked by: J.C.C.		SERIAL NO.	5524

SEE DETAIL PAGE