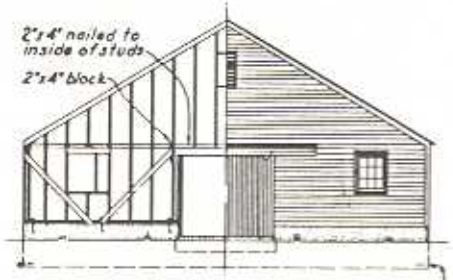
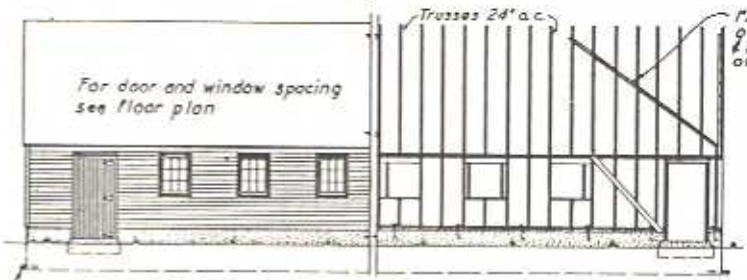
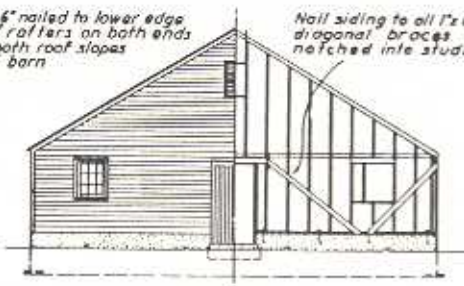


1/2 END FRAMING 1/2 END ELEVATION
FACE - OUT BARN



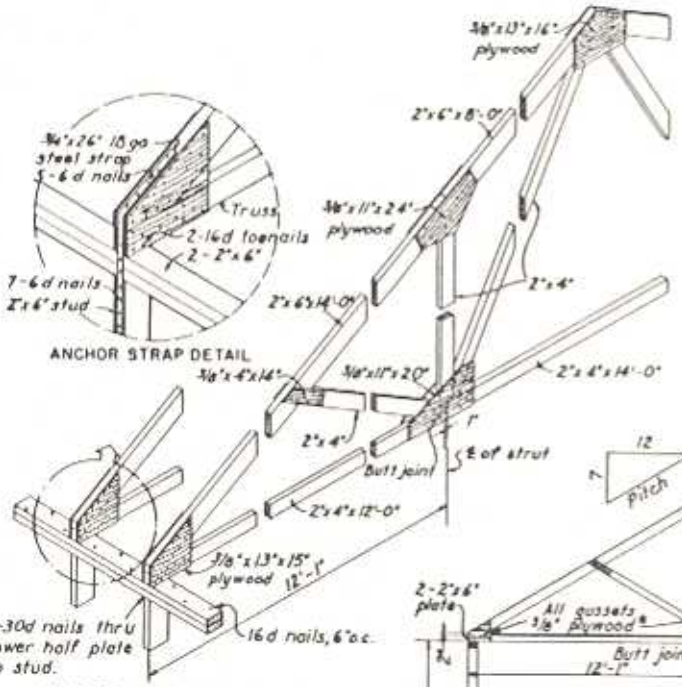
PART SIDE ELEVATION PART SIDE FRAMING



1/2 END ELEVATION 1/2 END FRAMING
FACE - IN BARN

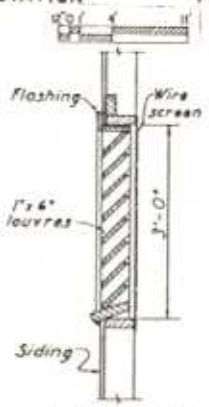
4" drain tile

ANCHOR STRAP DETAIL

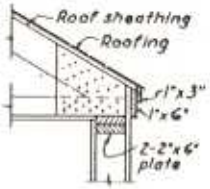


ISOMETRIC DETAIL OF TRUSS

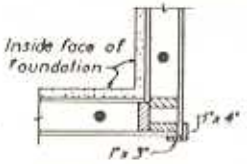
★ Note: Plywood to be exterior type.
Gussets to be cut so that grain of outside face runs in direction indicated.



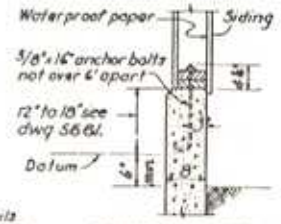
LOUVRE DETAIL



CORNICE DETAIL

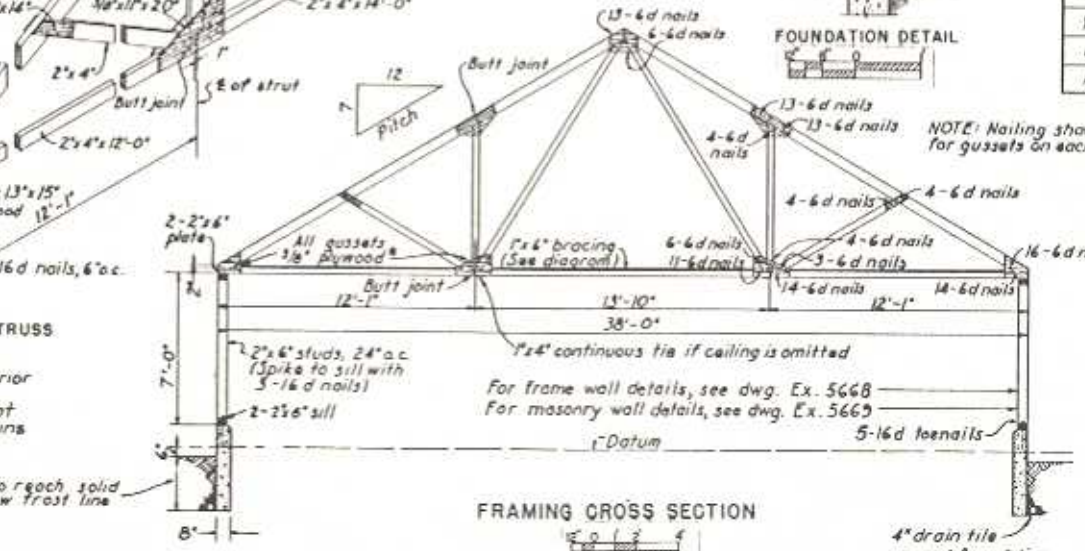


CORNER DETAIL



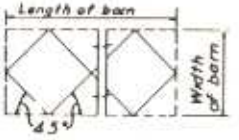
FOUNDATION DETAIL

MATERIAL FOR ONE ROOF TRUSS	
Rafters	2 - 2"x6"x12' 1 - 2"x6"x16'
Ties	2 - 2"x4"x12' 1 - 2"x4"x14'
Inner braces	2 - 2"x4"x14'
Outer braces	1 - 2"x4"x14'
Vertical struts	1 - 2"x4"x14'
Gussets	Approx. 20 sq ft ⅜" plywood
Nails	6 d, 2.9 lbs.



FRAMING CROSS SECTION

NOTE: Nailing shown is required for gussets on each face of truss



BRACING DIAGRAM

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

GABLE ROOF BARN FRAMING
38 FOOT WIDTH

USDA '48	EX. 5665	SHEET 1 OF 1