MSU Extension Publication Archive

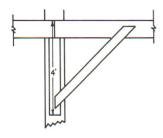
Archive copy of publication, do not use for current recommendations. Up-to-date information about many topics can be obtained from your local Extension office.

Pole Building Buying Guide and Specification Sheet Michigan State University Cooperative Extension Service Farm Science Series James S. Boyd, Agricultural Engineering Department March 1968 4 pages

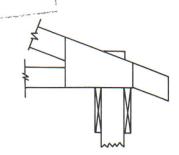
The PDF file was provided courtesy of the Michigan State University Library

Scroll down to view the publication.

Extension Bulletin E-617 Farm Science Series



FILE COPY DO NOT KENOVE POLE BUILDING BUYING GUIDE



March 1968

and specification sheet

Cooperative Extension Service

Michigan State University

BY JAMES S. BOYD Agricultural Engineering Department

BUYING A FARM BUILDING often presents problems. Very often the details affecting quality are unknown to the buyer. This makes it very easy for the seller to meet price competition by lowering standards.

Most contractors know how to build good pole buildings and would rather build good buildings. Most contractors also like to build attractive farm buildings. The buyer must decide on the quality of construction and the degree of finish he can pay for.

Everyone is interested in getting as much as possible for their money and investment in a building can be sizeable. The most effective way to insure a good investment is to obtain competitive bids on a given building plan and specifications. This is seldom done as it requires time and many companies have so-called "standard plans" which they prefer to use. These are sometimes good plans but the buyer who is unfamiliar with construction has difficulty comparing one plan with another. Beware of the builder who cannot supply a detailed plan of the building before you sign the contract.

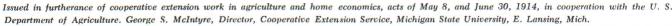
Most contractors like a bid on a building with a good plan and a good set of specifications. They know the plans will be uniform for all contractors and the buyer is the winner.

The accompanying specification sheets are one way to indicate to all contractors some of the pertinent details. These sheets can be used as follows:

- a. Select a plan from some qualified source.
- b. Draw an outline of the building to scale at the top of page 2.
- c. Go through the items listed and check "yes" or "no" where indicated and indicate sizes where necessary on pages 1 and 2.

One of the weakest parts of pole buildings are the joints. On pages 3 and 4 are shown systems of bracing used. Show specifically the location and number of nails and bolts on the sheet and write the total in the blank. When the building is completed, the buyer has something to check against.

A set of sheets can be made out for each bidder or the same set can be shown to the different contractors. By using this simplified specification form, all contractors should bid on the same quality of building, and the details of construction can be checked.



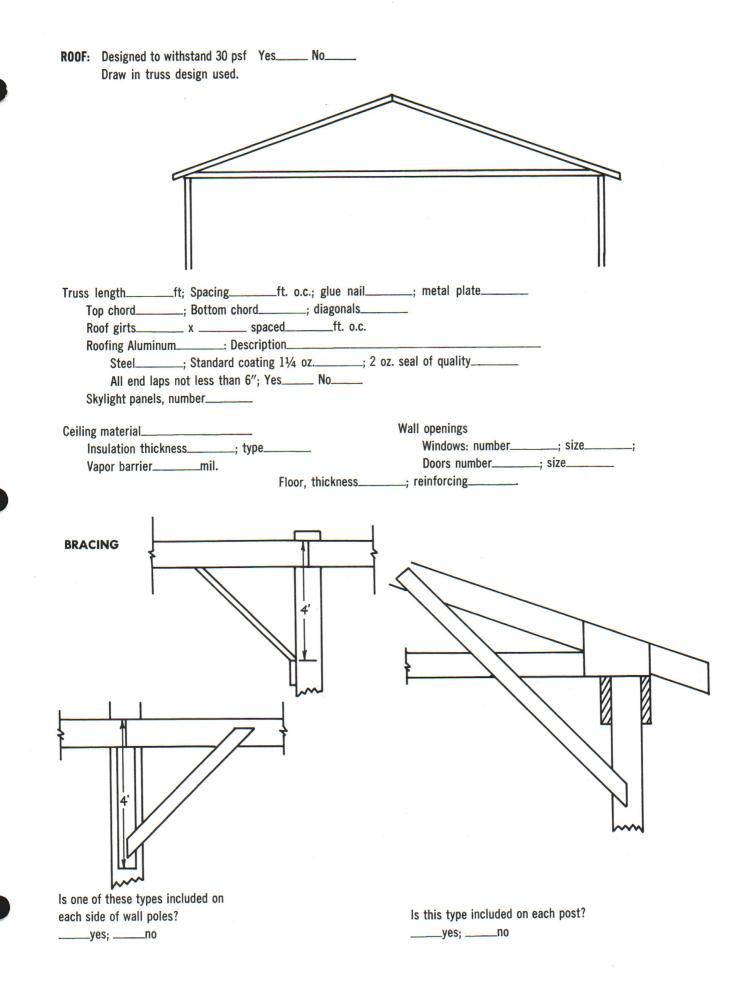
1P-10M-3:68-RX

SKETCH A PLAN OF THE BUILDING

				1														1	
											-								
				1				 			1								
											- 1								
									 	 		 		 	-				
												3.							
							 	 1	 	 		 							
 1	 	L	1	1	1	1	 1	 	 	 		 	1	 1		l			

BUILDING DIMENSION

BUILDING DIMENSION
Length Width to outside of wall framing
Height inside
SIDEWALL
Poles Treated with penta 8 lb. retention Yes No
Spacing open sideft. Closed sideft.
Sizein. xin. or in diameter
Lengthft; in groundft.
Concrete padin. diameterin. deep.
Splash boards penta treated 6 lb. retention Yes No
2' x 6' CEMin. high
Wall girt size x spacedin.
Rafter plate open sideClosed side
Connection truss to rafter plate
Siding Aluminum; Description
Steel; Standard coating 1¼ oz; 2 oz. seal of quality
Insulation thickness; type
Plastic vapor barriermil. thick
Inside surface material
Eaves open Yes; No
Ventilator number; size;



FASTENERS - Draw the nail and/or bolt pattern used in the following joints:

