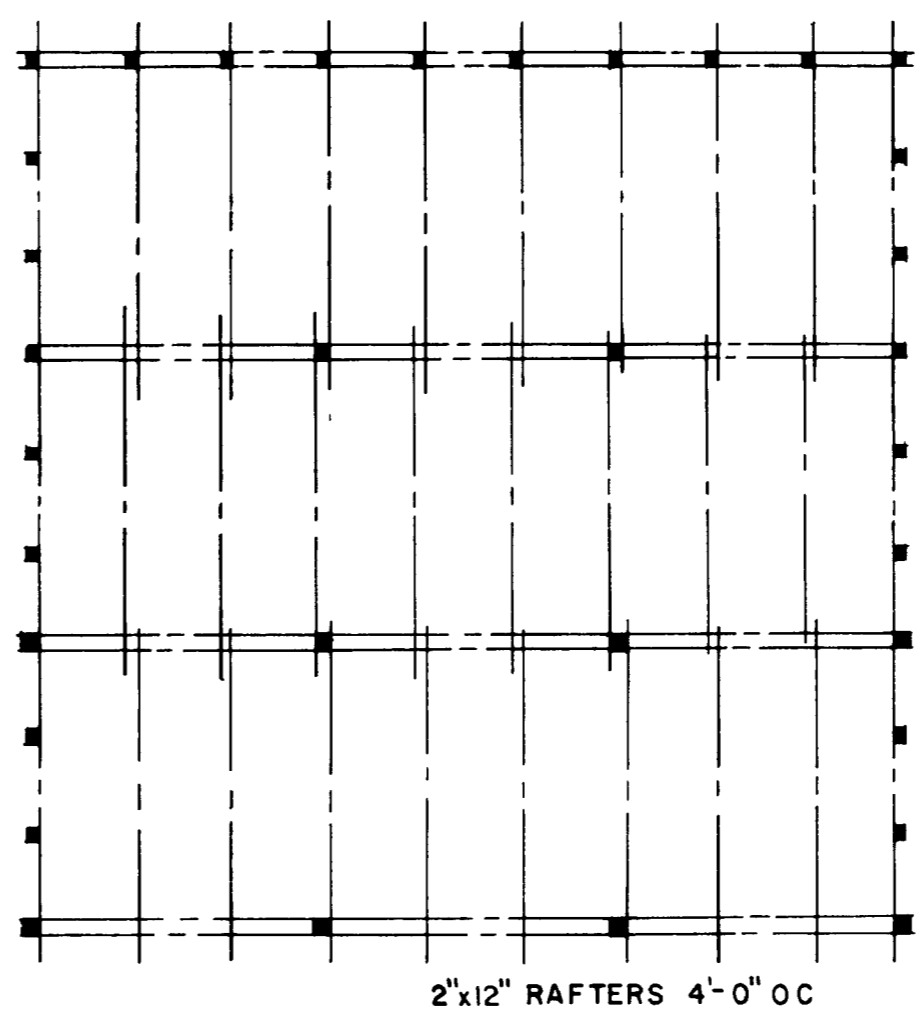
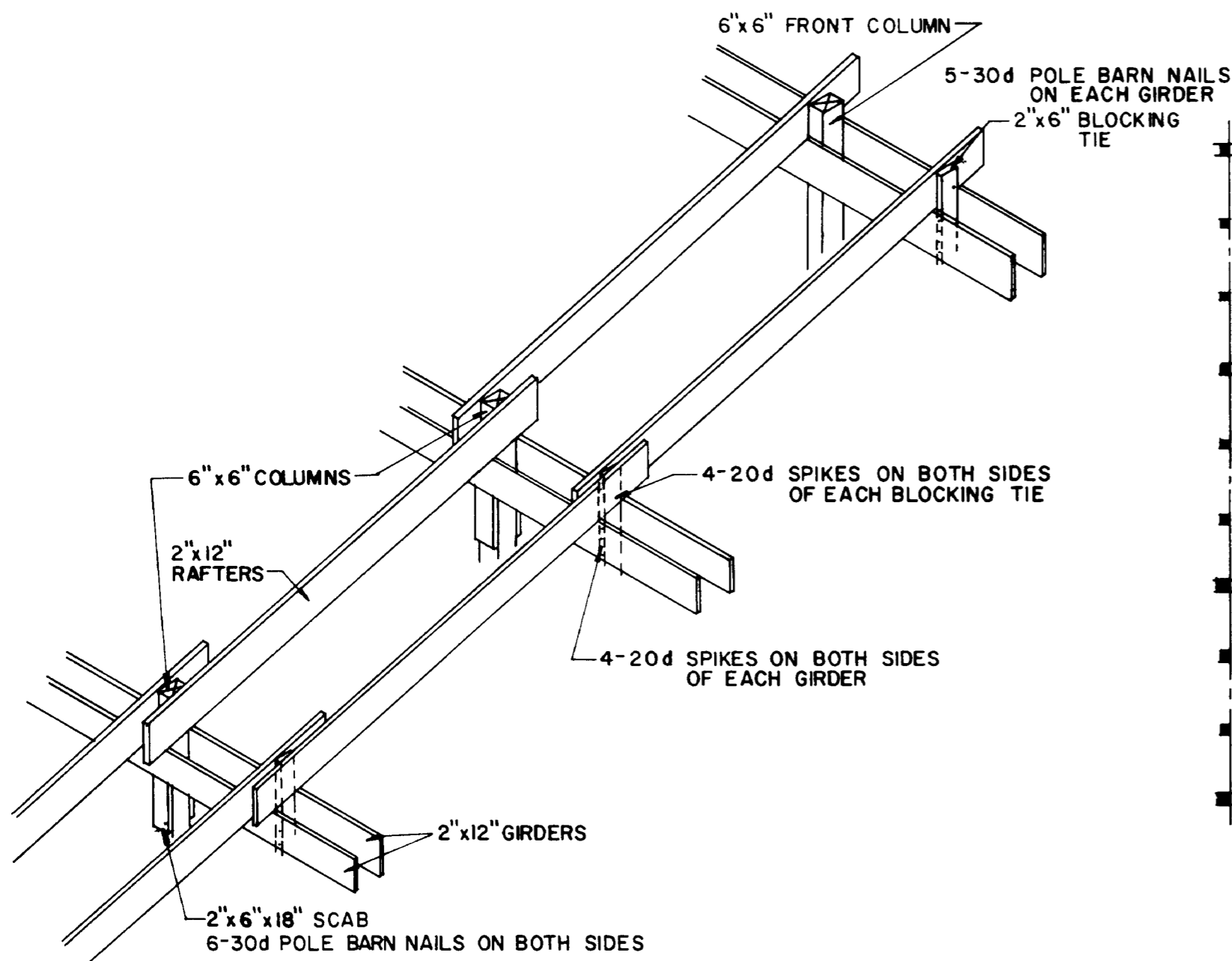


Important: Warranty Disclaimer for Plans

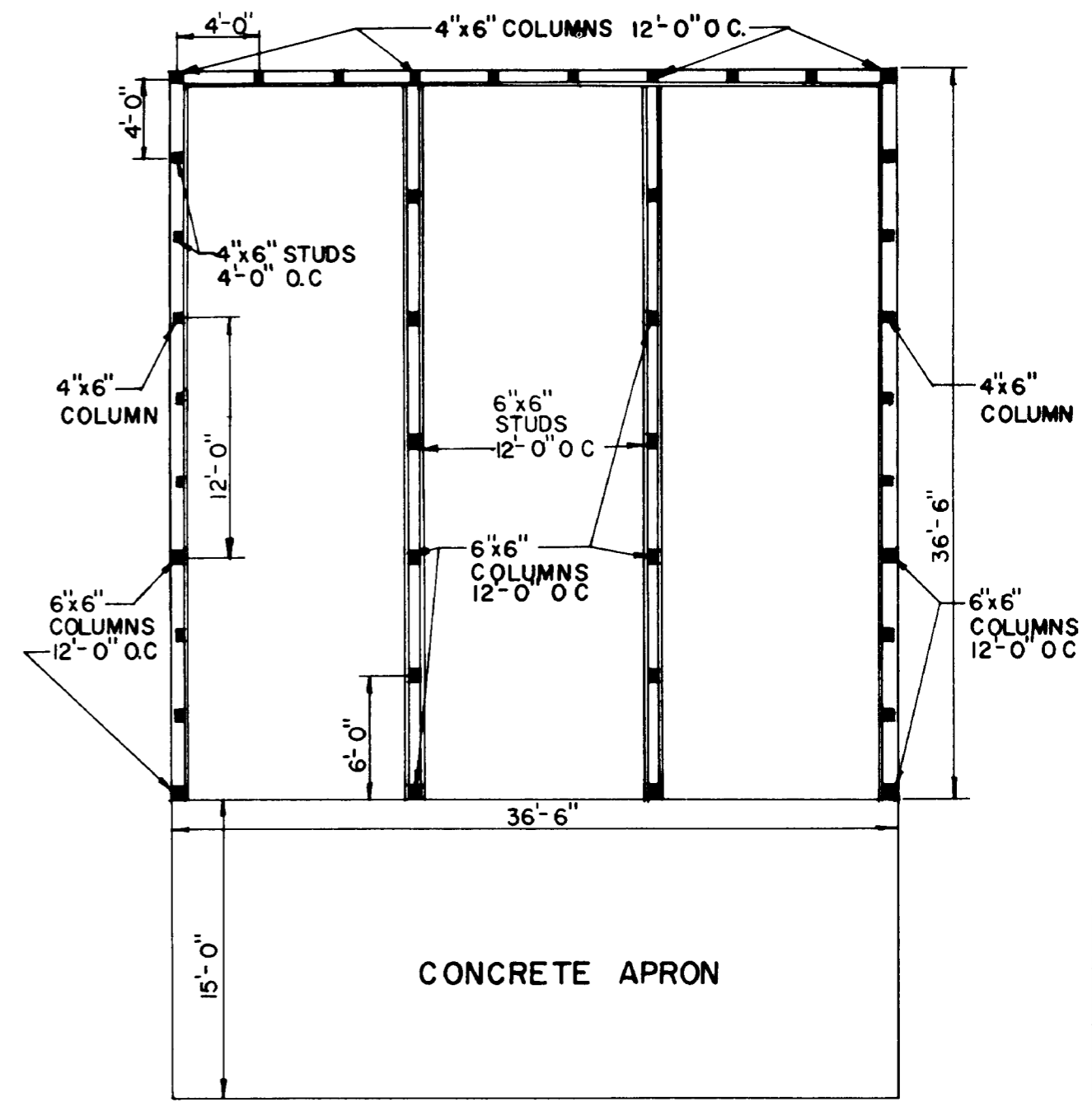
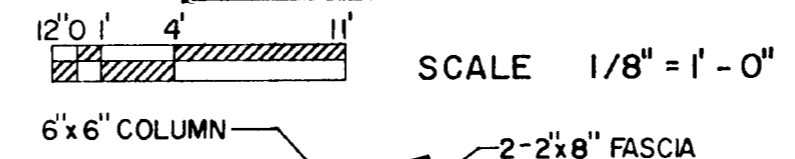
For the convenience of our clientele, this website makes available conceptual plans that can be helpful in planning buildings, facilities, or other structures. They were developed over many years by engineers at Land Grant universities through the former USDA Cooperative Farm Buildings Plan Exchange. *Regardless of the original intent, these are older plans that provide conceptual information only, and are not to be considered or used as construction plans.*

These plans do not claim to represent the most current technology or the most recent construction techniques, standards, or codes. For example, over the years there have been changes in the National Design Specifications for Wood Construction, changes in the strengths and types of building materials, and changes in fasteners, among other things. Those changes, along with variations in climate, building codes, and other factors, make it imperative that professional services be utilized for your specific project. Suggested services include, but are not limited to, structural design, assurance of compliance with codes and regulations, site selection, construction supervision, and provision for utilities, waste management, and access. *These plans do not replace the need for competent design assistance in developing safe, legal, and well-functioning agricultural buildings and systems.*

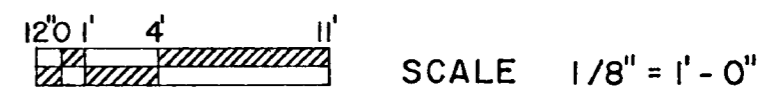
Neither the University of Kentucky, the Midwest Plan Service, the United States Department of Agriculture, nor any of the cooperating Land Grant universities, warranty these plans. They are for conceptual use only and are not for use as construction plans.



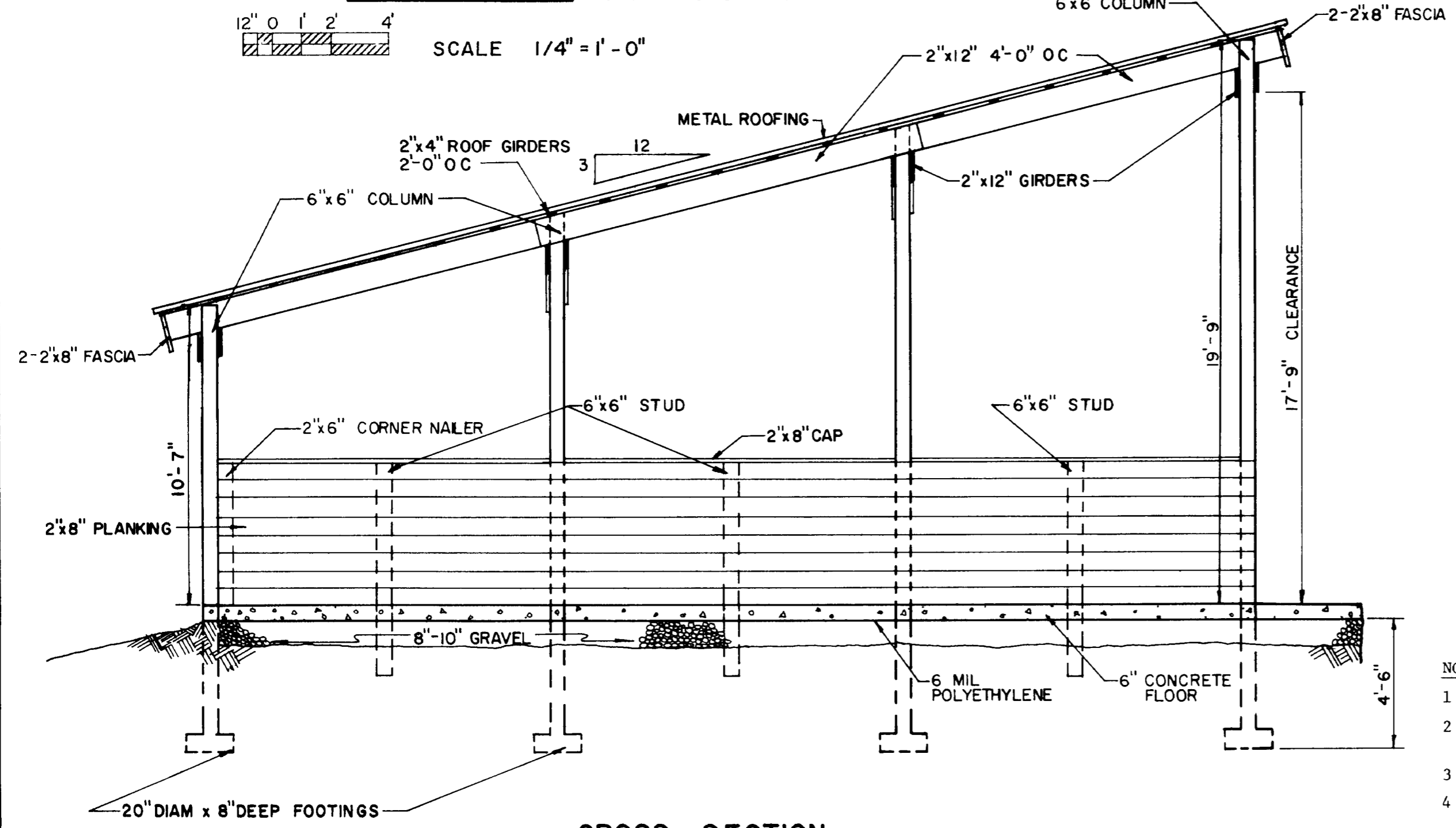
RAFTER LAYOUT



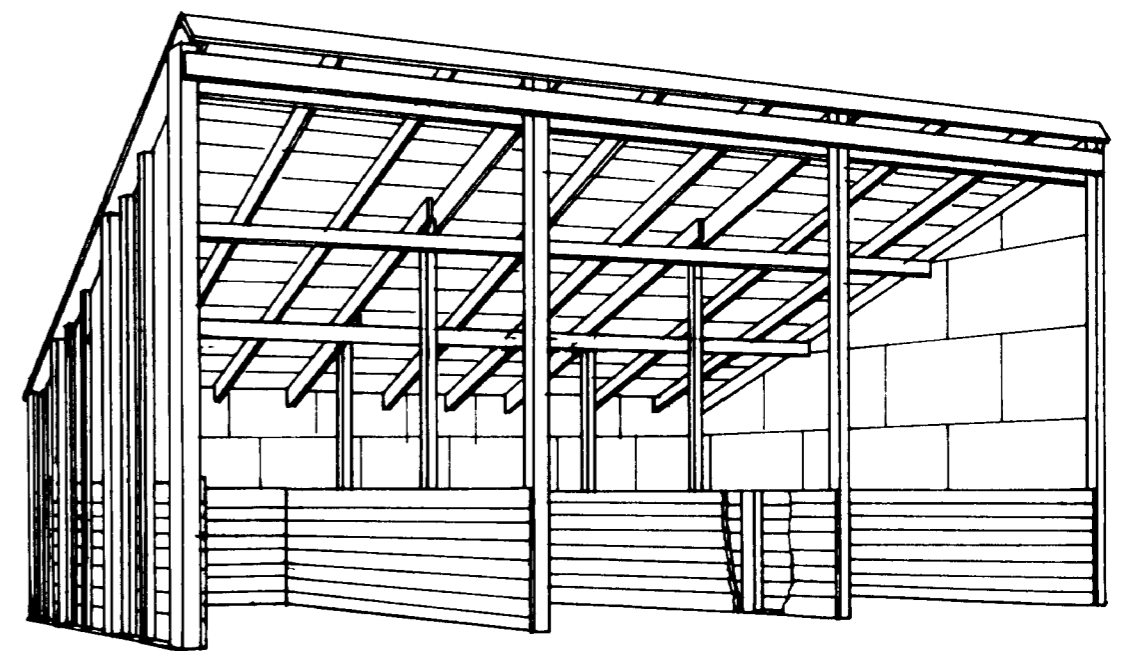
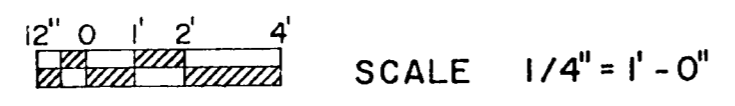
FLOOR PLAN



RAFTER DETAIL NOTE ANCHORAGE



CROSS SECTION



PERSPECTIVE

NOTES

- 1 DESIGN ROOF LOAD 30 psf
- 2 LUMBER BENDING STRESS $f_b = 1200$ psi
- 3 BULK MATERIAL CAPACITY 4000 lb/ft
- 4 ALL COLUMNS IN EARTH TO BE PRESSURE PRESERVATIVE TREATED
- 5 ALL PLANKING TO BE ROUGH SAWN HARDWOOD
- 6 CHECK DUMPING HEIGHT BEFORE CONSTRUCTION

COOPERATIVE EXTENSION SERVICE
 AGRICULTURE AND HOME ECONOMICS

AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**LARGE CAPACITY BULK
 FEED STORAGE BIN**

PENN '84 6364 SHEET 1 OF 1