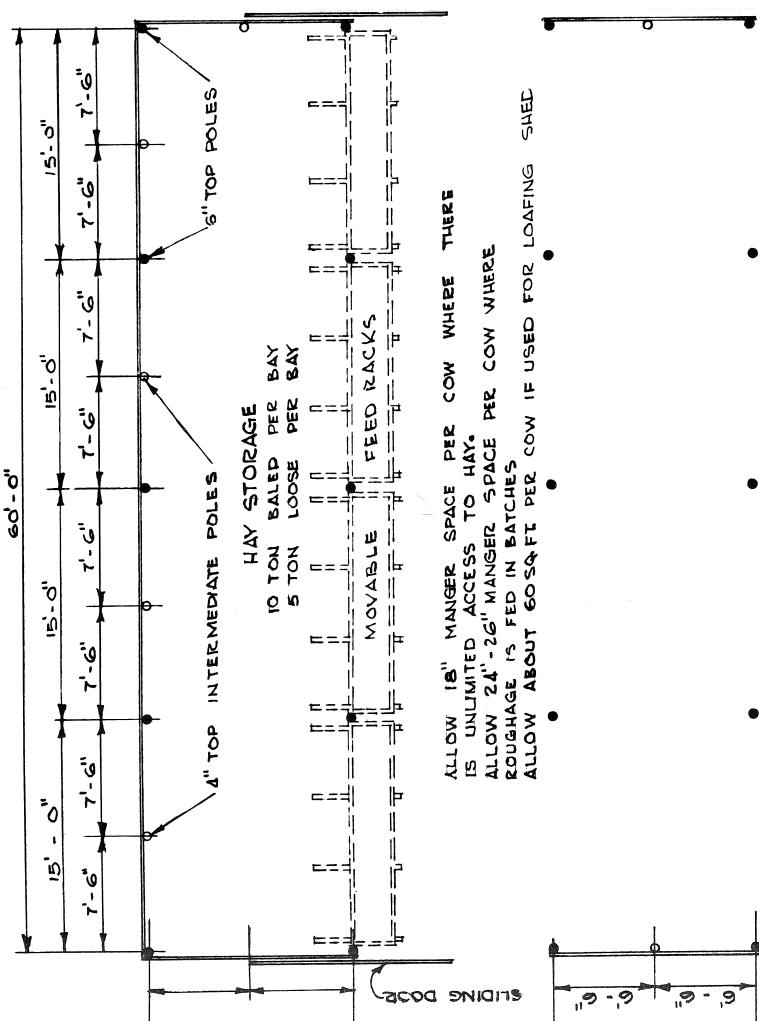
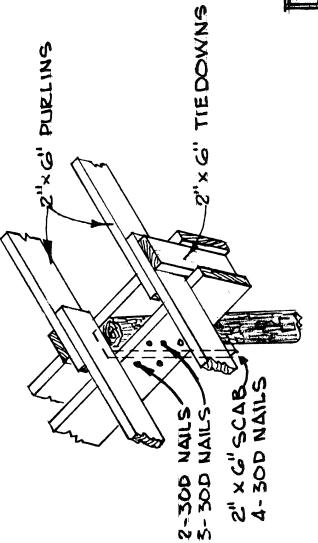


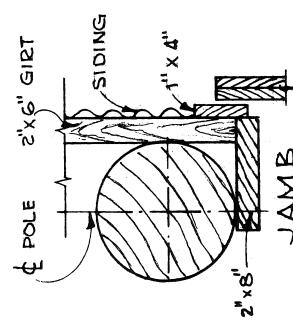
ISOMETRIC DETAIL OF  
MOVABLE FEED RACKS  
SCALE  $\frac{3}{8}'' = 1'-0''$



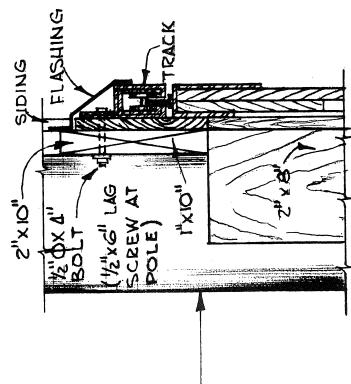
FLOOR PLAN (SCHEME 1)  
SCALE  $\frac{1}{8}'' = 1'-0''$



EAVE DETAIL  
SCALE  $\frac{1}{8}'' = 1'-0''$



JAMB



HEAD

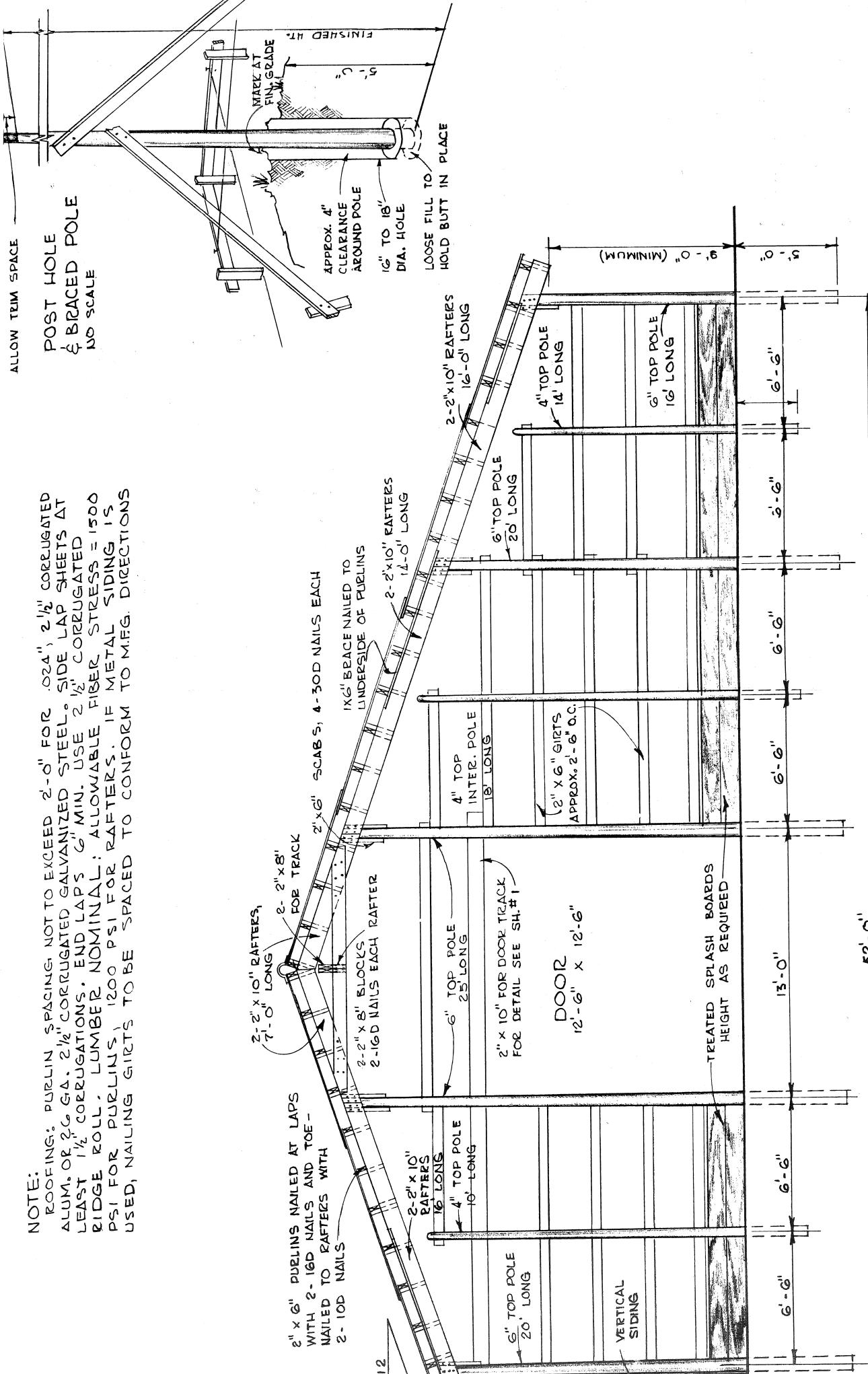
PLAN NO. 545013	DOL E BARN
COOPERATIVE EXTENSION WORK IN	AGRICULTURE & HOME ECONOMICS
UNIVERSITY OF ARKANSAS	SHEET
DEPT. OF AGRICULTURAL ENGINEERING	1



**NOTE:** ROOFING: PURFLIN SPACING NOT TO EXCEED 2'-0" FOR .024", 2 1/2" CORRUGATED ALUM. OR 2 1/2 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. NUMBER NOMINAL: ALLOWABLE FIBER STRESS = 1500 PSI FOR PURFLINS, 1200 PSI FOR RAFTERS. IF METAL SIDING IS USED, NAILING GIRTS TO BE SPACED TO CONFORM TO MFG. DIRECTIONS

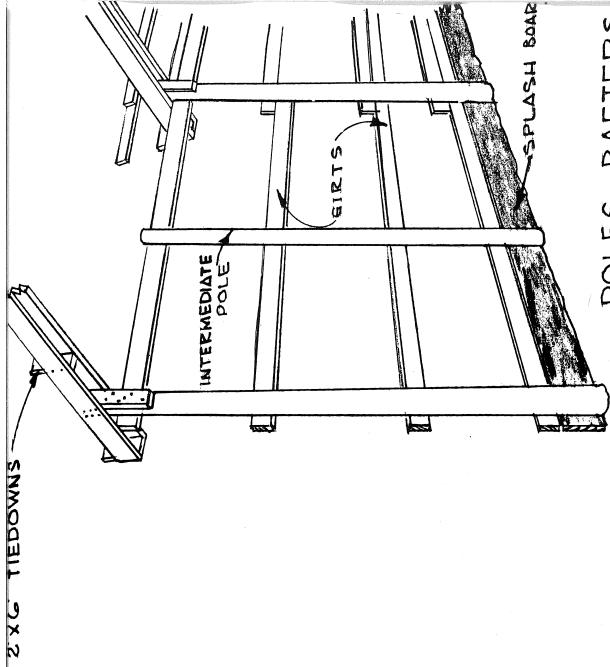
ALLOW TRIM SPACE

POST HOLE  
& BRACED POLE  
NO SCALE



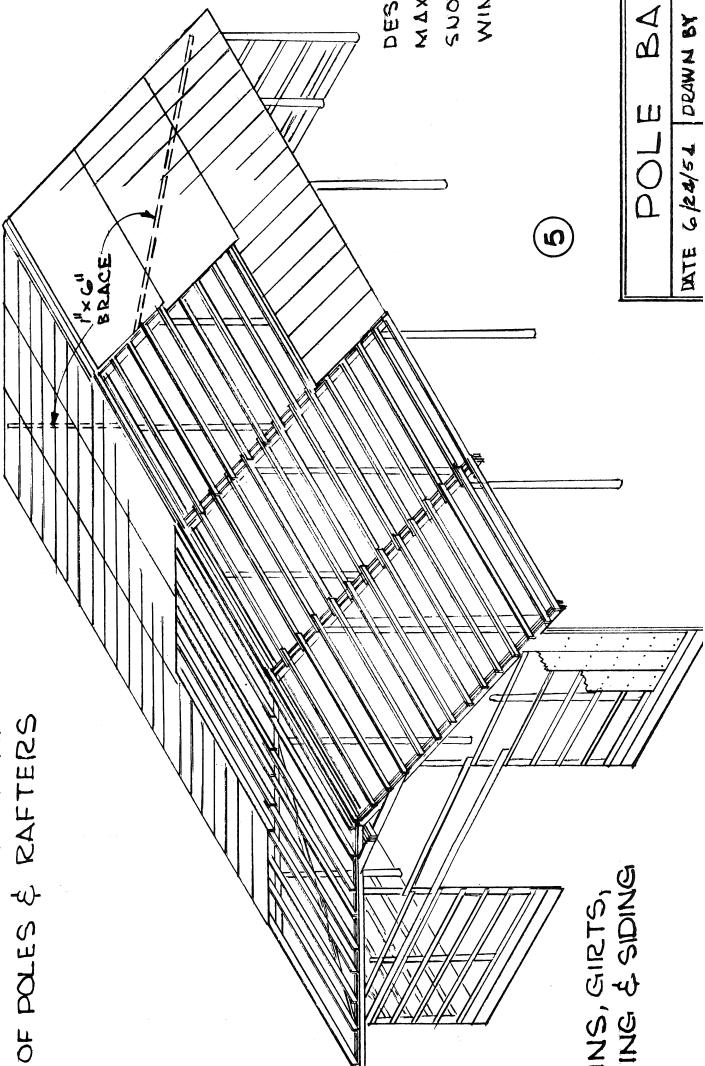
CROSS SECTION SHOWING END WALL FRAMING (SCHEME 2.)

POLE BARN SHEET

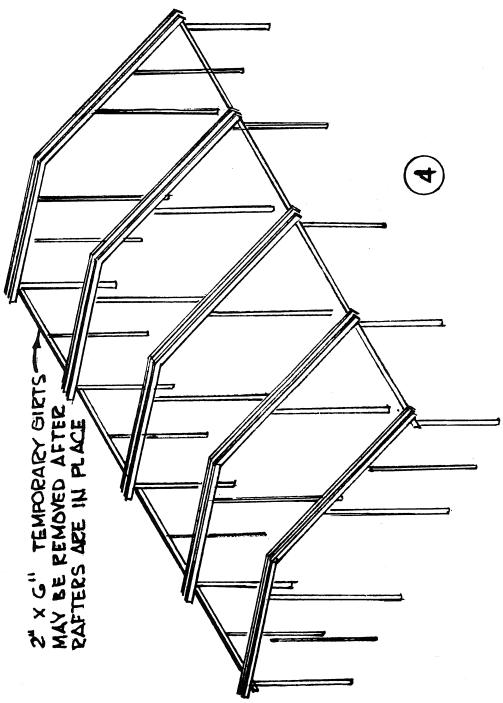


**POLES, RAFTERS,  
PURLINS & GIRTS**

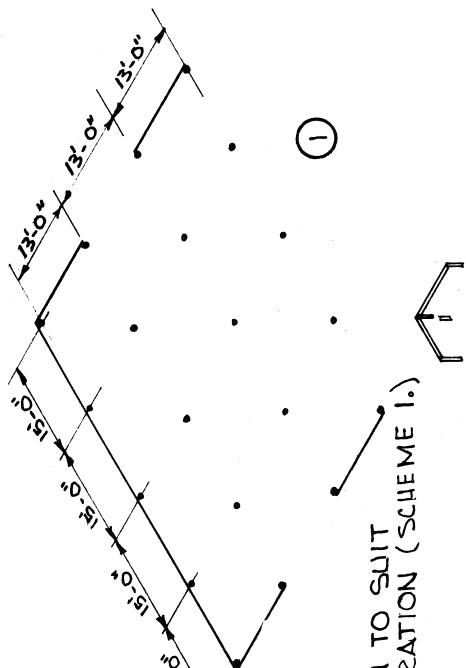
**NOTE:**  
DESIGN CONDITIONS  
**MAXIMUMS:**  
SNOW LOAD - 10<sup>#</sup> PS  
WIND - 88 MI. PER HOUR



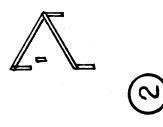
**POLE BARN**



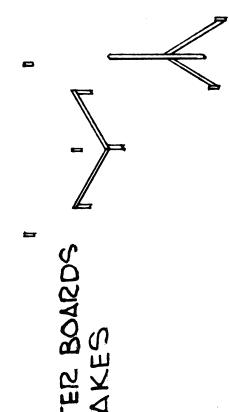
## ERECTION OF BALANCE OF POLES & RAFTERS



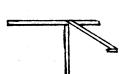
TO SUIT  
SITUATION (SCHEME I.)



SOUTH OR EAST



WATER BOARDS  
WAKES



۳



**PLUMBED & TANDED** —  
**CORNER POLES LINED UP**



ST HOLEs.



ROOFING, GURTS,  
PURINGS, GUTS,

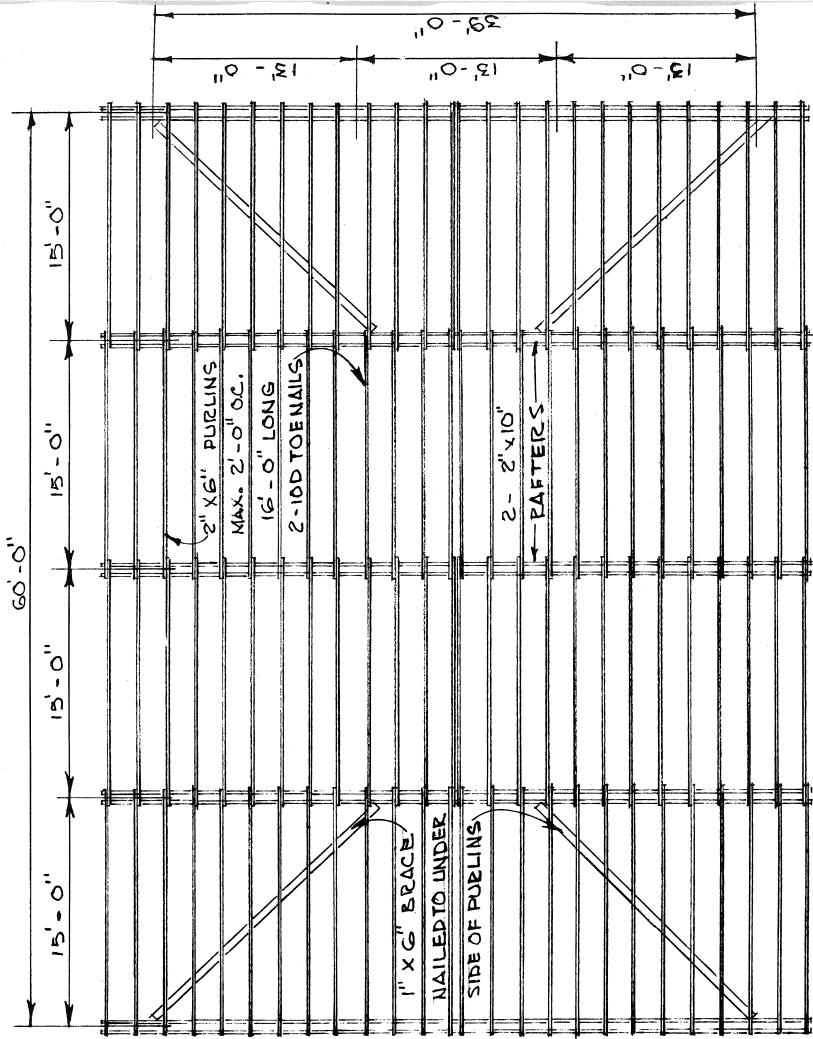
POLE BARN

SHEET 5 OF 5

DATE 6/24/54 DRAWN BY A.B.L.

**ROOF FRAMING PLAN (SCHEME 1.)**

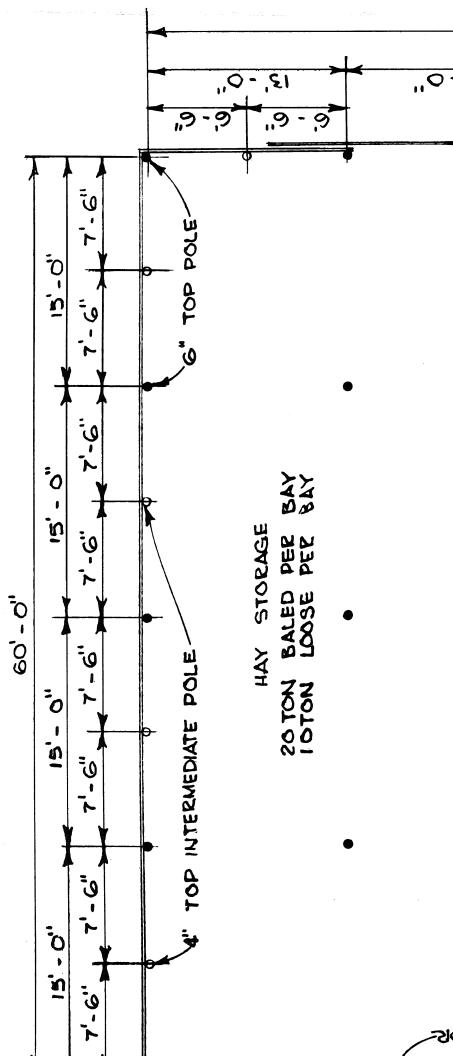
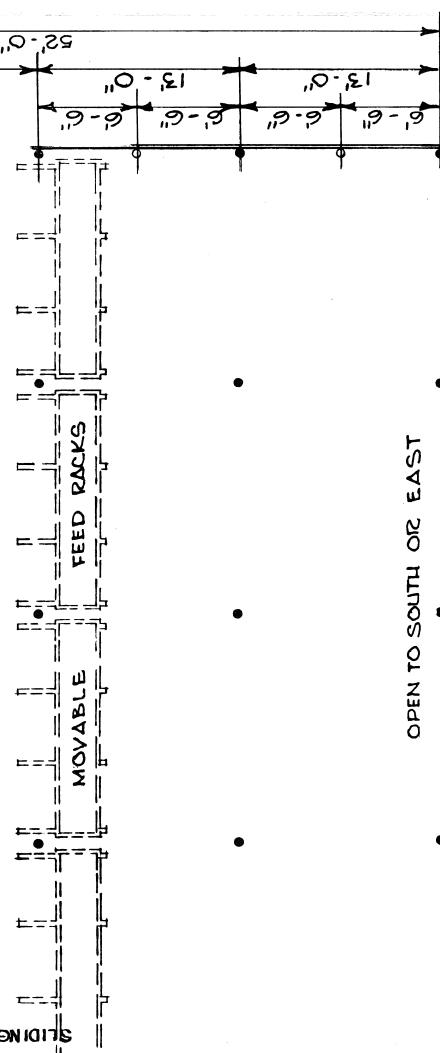
SCALE  $\frac{1}{8}$ " = 1'-0"



**FLOOR PLAN (SCHEME 2.)**

SCALE  $\frac{1}{8}$ " = 1'-0"

OPEN TO SOUTH OR EAST



## Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans may be outdated and do not necessarily represent the most current technology, construction codes, or agricultural practices. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The University of Arkansas Cooperative Extension Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.