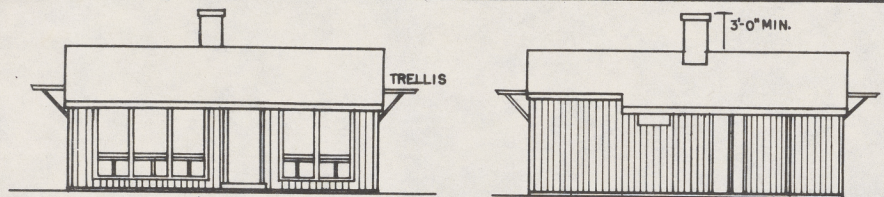


## Historic, archived document

Do not assume content reflects current  
scientific knowledge, policies, or practices



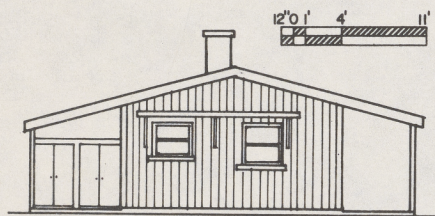




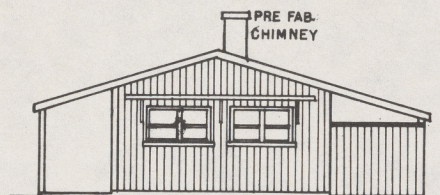
SOUTH

NORTH

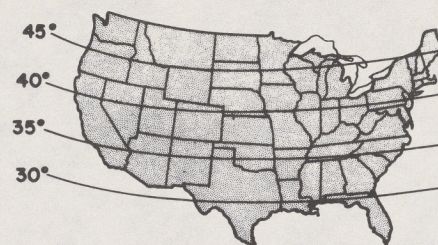
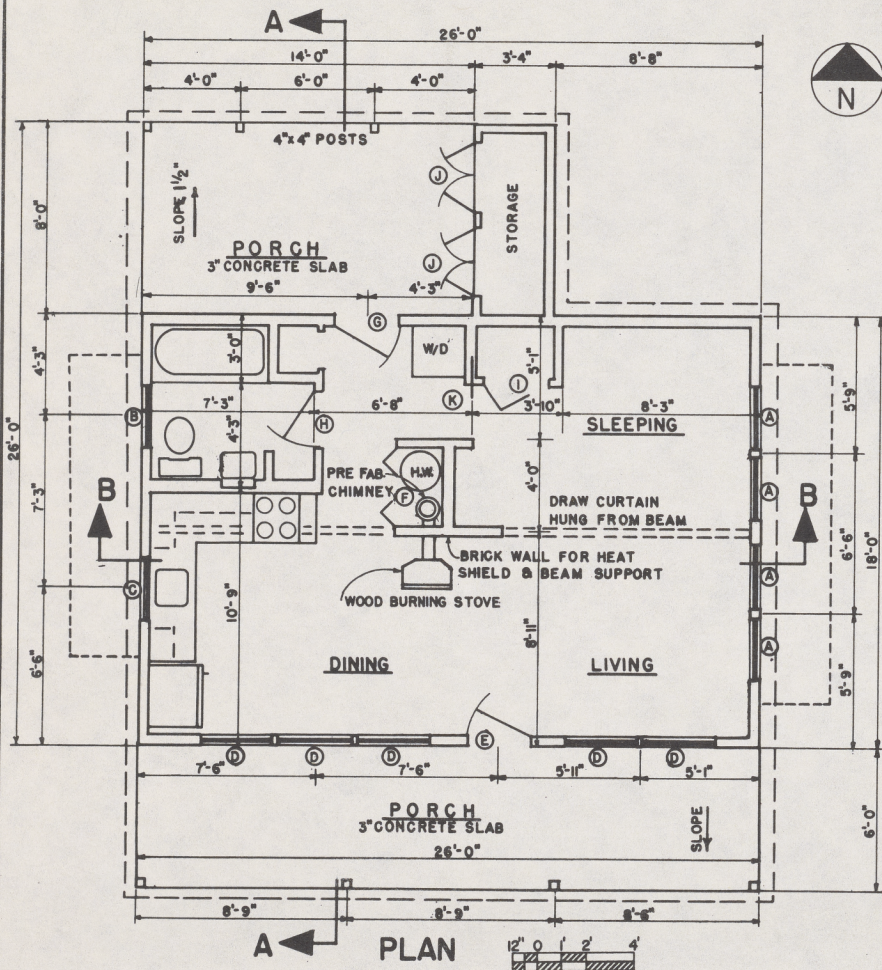
## ELEVATIONS



WEST



EAST

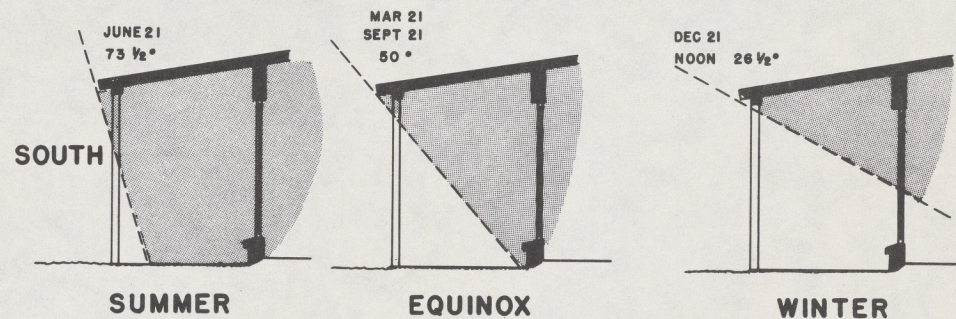


MAP OF THE UNITED STATES  
WITH LATITUDE GRID

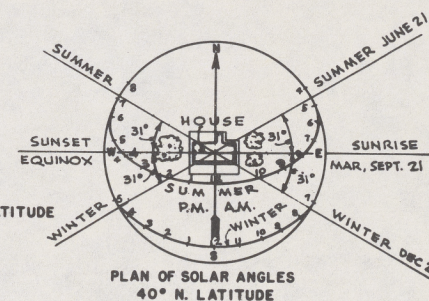
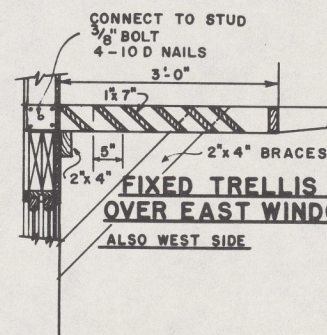
ROOF OVERHANG NECESSARY  
TO SHADE WINDOWS ON A  
SOUTHERN EXPOSURE

Latitude	72°	60°	48°	42°	36°	30°
45°	72"	60"	48"	42"	36"	30"
40°	62"	51"	41"	36"	30"	26"
35°	50"	42"	34"	29"	25"	21"
30°	40"	33"	27"	23"	20"	17"

\*VERTICAL DISTANCE BETWEEN EAVE\*  
AND BOTTOM OF WINDOW.



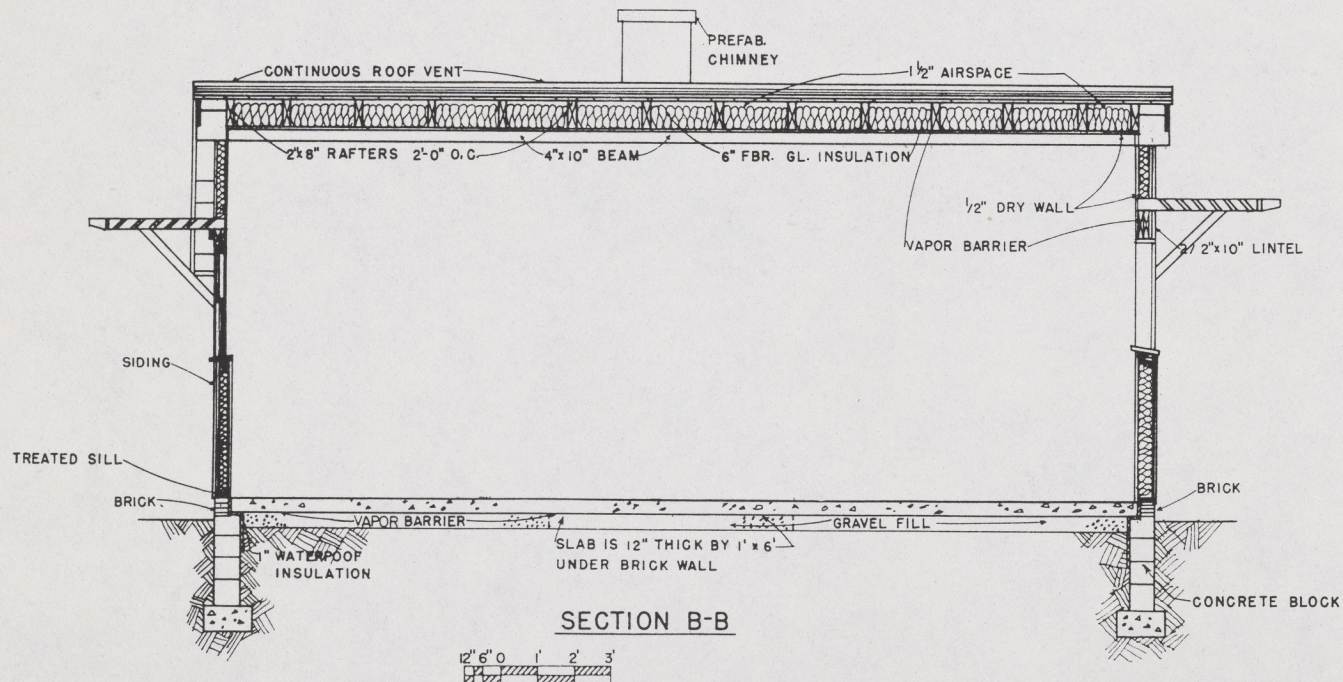
SEASONAL SOUTH ANGLE OF THE SUN  
AT NOON FOR 40° NORTH LATITUDE



PORCH PROVIDES SUMMER SHADING  
OF SOUTHERN EXPOSURE.  
TRELLIS AWNINGS SHADE EASTERN  
AND WESTERN EXPOSURES.



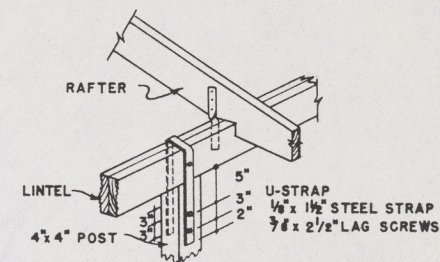
SECTION A-A



SECTION B-B

DOOR SCHEDULE			
MARK	SIZE	TYPE	NO REQ
E	2'-8" x 6'-8"	WOOD SOLID CORE-EXTERIOR	1
F	3'-0" x 6'-8"	WOOD BIFOLD-INTERIOR	1
G	2'-8" x 6'-8"	WOOD SOLID CORE W/LIGHTS-EXT	1
H	2'-6" x 6'-8"	WOOD HOLLOW CORE-INTERIOR	1
I	3'-6" x 6'-8"	WOOD LOUVERED BIFOLD-INTERIOR	1
J	1'-6" x 5'-0"	WOOD PANEL-EXTERIOR	4
K	2'-3" x 6'-8"	WOOD POCKET-INTERIOR	

WINDOW SCHEDULE				NO.
MARK	SIZE	TYPE		REQ.
A	2'-6" x 2'-6"	DOUBLE HUNG SASH		4
B	3'-0" x 2'-6"	" " "		1
C	2'-8" x 3'-0"	" " "		1
D	3'-0" x 4'-0"	COMBINATION FIXED/		5
	3'-0" x 1'-6"	AWNING		



CONNECTION OF RAFTERS  
AND POSTS TO LINTELS  
NO SCALE

### CONSTRUCTION CHECK LIST

1. CHECK LOCAL BUILDING CODE & LOAN COMPANY CRITERIA (RAFTERS MEET 40 LB/FT<sup>2</sup> SNOW LOAD CRITERIA).
2. ADEQUATELY NAIL & ANCHOR JOINTS.
3. SHEATH WITH 1/2" PLYWOOD OR HIGH DENSITY FIBERBOARD OR USE DIAGONAL BRACING IN CORNERS.
4. USE EXTERIOR GLUED PLYWOOD WHEREVER IT MAY BE WETTED DURING OR AFTER CONSTRUCTION.
5. PRESSURE TREAT ALL WOOD WITH GROUND CONTACT AND PROVIDE OTHER NEEDED TERMITE CONTROL.
6. R VALUES DEPEND ON LOCAL CLIMATE AND FUEL COST.
7. PROVIDE 1 SQ FT OF ATTIC VENT OPENINGS FOR EACH 150 SQ FT OF CEILING.
8. WEATHERIZE ALL OPENINGS & JOINTS.

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS

AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

SOLAR SHADED COTTAGE

U.S.D.A '61	EX. 7148	SHEET 2 OF 2
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REVISED 1983