

LEFT ELEVATION

FRONT ELEVATION

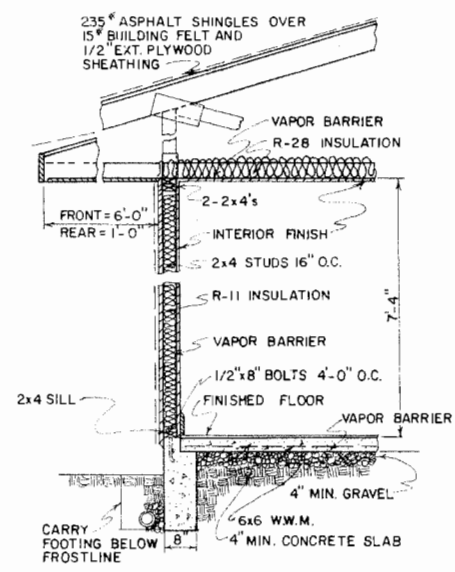
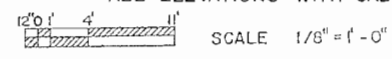
RIGHT ELEVATION

REAR ELEVATION

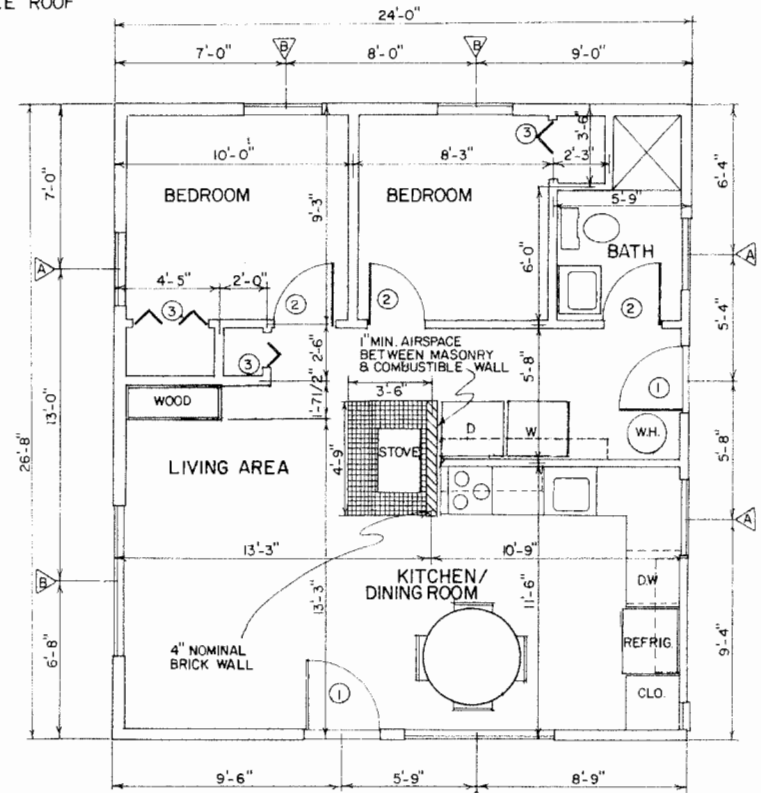
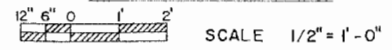
CONSTRUCTION CHECK LIST

- CHECK LOCAL BUILDING CODE AND LOAN COMPANY CRITERIA. RAFTERS MEET 45 LB/SQ FT TOTAL LOAD DESIGN CRITERIA. PURCHASE TRUSSES TO MEET LOCAL SNOW LOAD CRITERIA. IF USED IN VERY COLD WEATHER, INSULATE OUTSIDE PERIMETER OF FOUNDATION.
- ADRUATELY NAIL AND ANCHOR JOINTS.
- SHEATH CORNERS WITH 1/2" PLYWOOD OR HIGH DENSITY FIBERBOARD OR USE DIAGONAL BRACING.
- USE EXTERIOR CLAD PLYWOOD WHEREVER IT MAY BE WETTED DURING OR AFTER CONSTRUCTION.
- PRESSURE TREAT ALL WOOD WITH GROUND CONTACT AND PROVIDE OTHER NEEDED TERMITE CONTROL.
- PROVIDE 1 SQ FT OF ATTIC VENT OPENINGS FOR EACH 150 SQ FT OF CEILING.
- WEATHERIZE ALL OPENINGS AND JOINTS.
- FOR WOOD STOVE INSTALLATION FLOOR PROTECTION EXTENDS 18 INCHES BEYOND ALL SIDES OF THE STOVE.
- THE WALL PROTECTOR EXTENDS AT LEAST 36 INCHES BEYOND THE TOP AND SIDES OF THE STOVE, AND AT LEAST 18 INCHES BEYOND EACH SIDE OF THE STOVEPIPE.
- FOR THE MASONRY WALL THERE IS AT LEAST 1/2" OF OPEN VENTILATED AIR SPACE BETWEEN THE STOVEPIPE AND MASONRY
- FIRE BOX SHALL BE A MINIMUM OF 12" FROM ANY WALL SURFACE PROTECTED WITH 3 1/2" MASOKRY OR 28 GAUGE SHEET METAL OR A MIN. OF 36" FROM ANY UNPROTECTED WALL SURFACE.
- FLUE SHALL BE A MIN. OF 9" FROM ANY PROTECTED WALL SURFACE OR A MIN. OF 18" FROM ANY UNPROTECTED WALL SURFACE.
- PROVISIONS WILL BE NEEDED TO DRAIN OR OTHERWISE FROST PROOF PLUMBING IF NOT HEATED DURING FREEZING WEATHER.

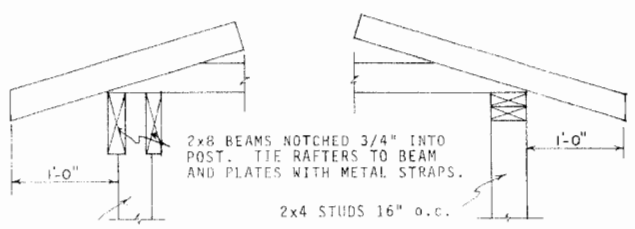
ALL ELEVATIONS WITH GABLE ROOF



STRUCTURAL SECTION



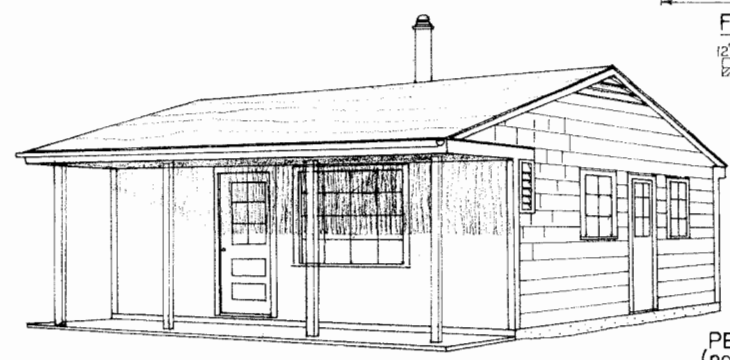
FLOOR PLAN



PORCH ROOF

REAR WALL

TRUSS USING EXTENDED RAFTER

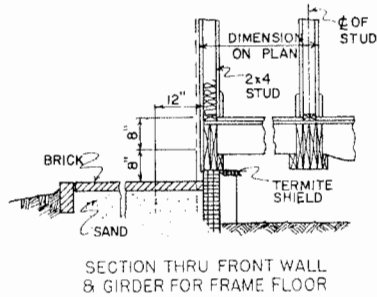
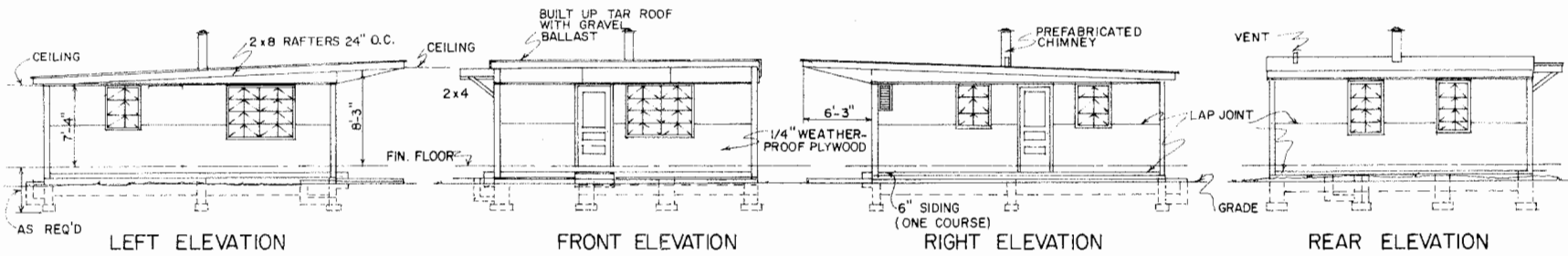


PERSPECTIVE (no scale) WITH GABLE ROOF

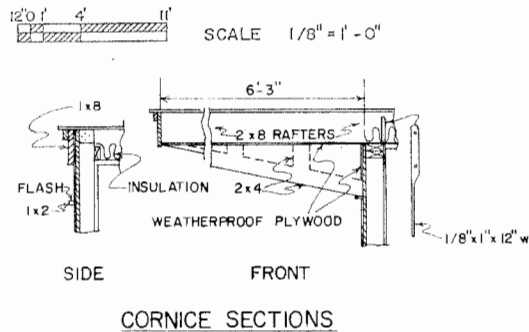
FOR MORE INFORMATION ON WOOD STOVE INSTALLATION SEE PLAN 7253



GABLE ROOFED CABIN WITH FLAT ROOF ALTERNATIVE		
USDA '87	7272	SHEET 1 OF 2
REV. USDA PLAN 7010, '47		



ALTERNATIVE ELEVATIONS (WITH FLAT ROOF)



DOOR SCHEDULE			
MARK	SIZE	DESCRIPTION	#REQ.
1	3'-0" x 6'-8"	SOLID EXTERIOR	2
2	2'-6" x 6'-8"	HOLLOW INTERIOR	3
3	1'-6" x 6'-8"	BI-FOLD	4

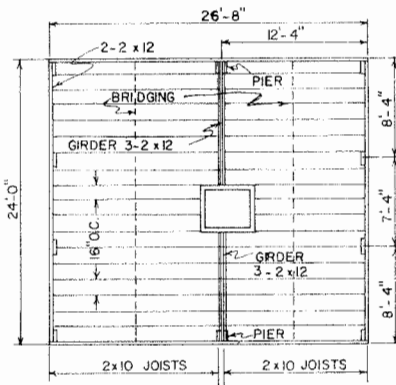
WINDOW SCHEDULE			
MARK	SIZE	DESCRIPTION	REQ.#
A	3'-1" x 4'-2"	AWNING WINDOW	3
B	3'-1" x 4'-6"	AWNING WINDOW	6

STEPS FOR BUILT-UP ROOFING

1. BASE SHEET IS 43 LB. FELT SPOT MOPPED IN ASPHALT TO DECK OR SOLID MOPPED TO INSULATION.
2. PLYSHEETS CONSIST OF 3 COAL TAR SATURATED 25 LB. FELT LAYERS WITH ASPHALT OR TAR COATINGS MOPPED IN BETWEEN.
3. SURFACING IS 75 LB SQUARE COAL TAR OR 60 LB SQUARE
4. SURFACING BALLAST EQUALS 400 LB LB/SQUARE OF GRAVEL.
5. FOR ALTERNATIVES SEE MANUFACTURER'S RECOMMENDATIONS.

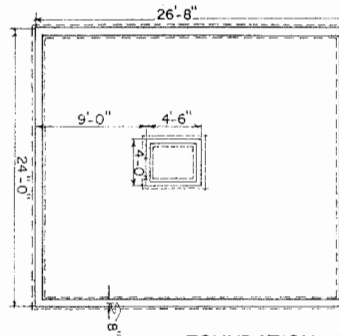
FLAT ROOF DESIGNED TO CARRY 35 LB TOTAL DEAD LOAD. PORCH BEAM FOR GABLE ROOF TO CARRY 35 LB TOTAL LOADS. TIE RAFTER TO BEAM OR PLATE WITH METAL TIES.

PURCHASE 3/12 SLOPE TRUSSES THAT MEET LOCAL SNOW LOAD CRITERIA. NOTE: PLATE AND BEAM ROOF CONNECTION DETAIL IS SHOWN WITH AN EXTENDED RAFTER DETAIL WHICH COULD BE LESS EXPENSIVE THAN A TRUSS THAT WOULD EXTEND FULLY TO THE EAVE (AS SHOWN IN STRUCTURAL SECTION). VERTICAL KNEE BRACES AT BEAMS OR PLATES WILL BE NEEDED IF HEEL OF TRUSS EXTENDS BEYOND THE BEAM OR PLATE THAT SUPPORTS THEM.



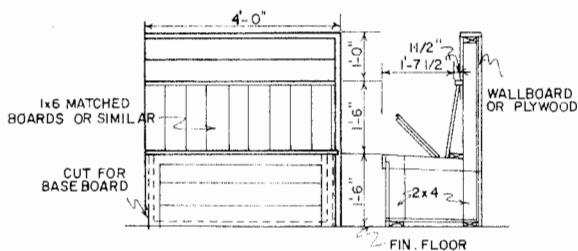
ALTERNATE PLAN FOR FRAME FLOOR

SCALE 1/8" = 1'-0"



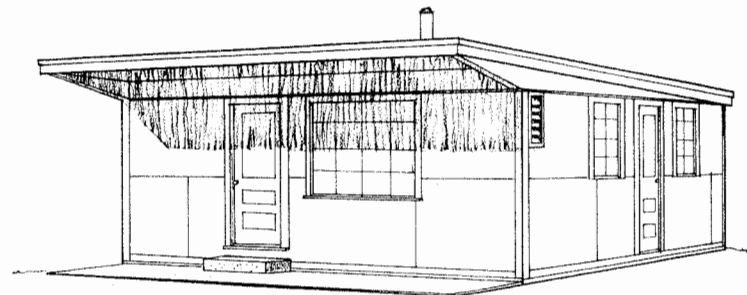
FOUNDATION PLAN

SCALE 1/8" = 1'-0"



WOOD BENCH DETAIL

SCALE 1/2" = 1'-0"



PERSPECTIVE (no scale) WITH FLAT ROOF



GABLE ROOFED CABIN WITH FLAT ROOF ALTERNATIVE

USDA '87 7272 SHEET 2 OF 2

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. 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 LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.