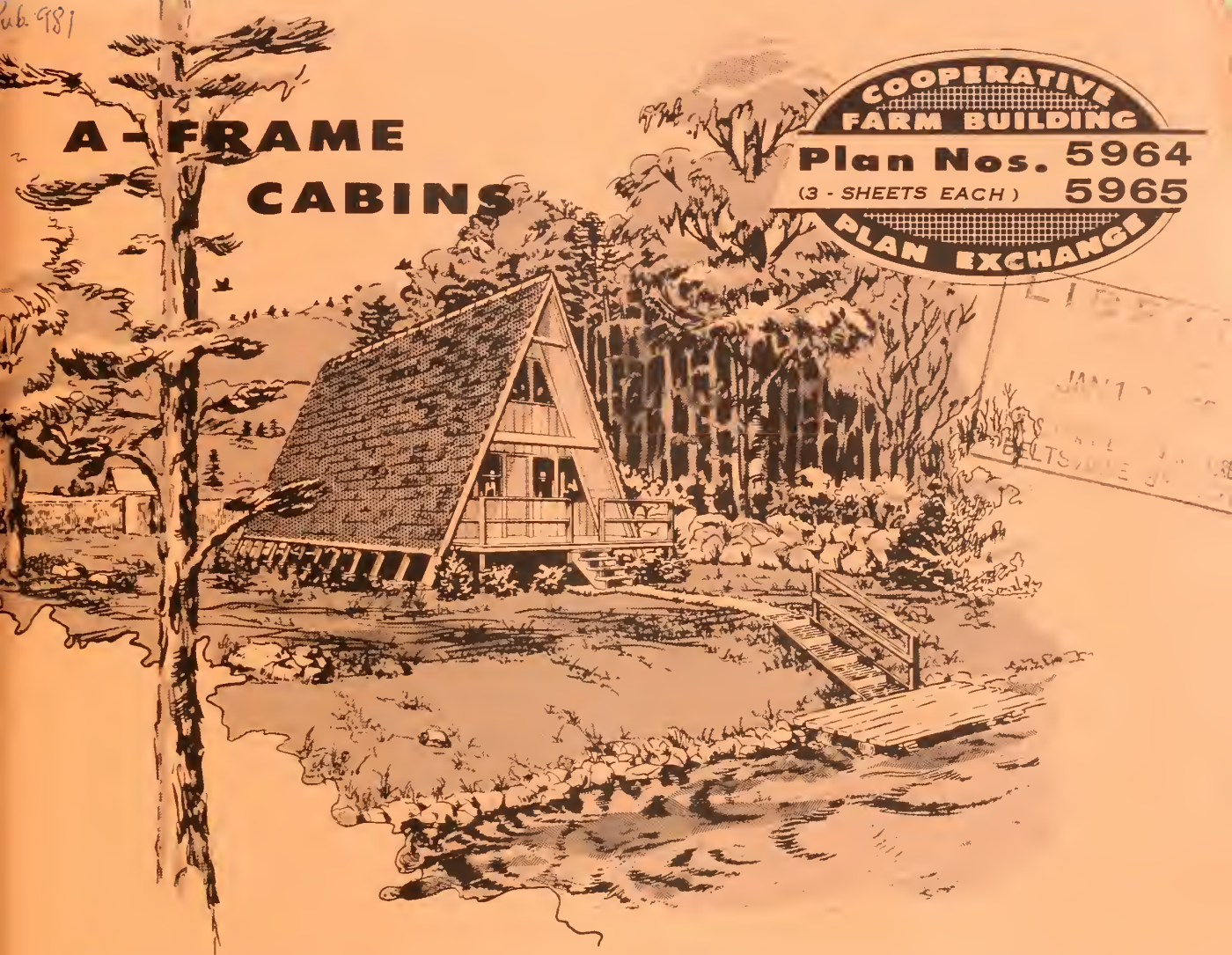


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Do not assume content reflects current scientific knowledge, policies, or practices.

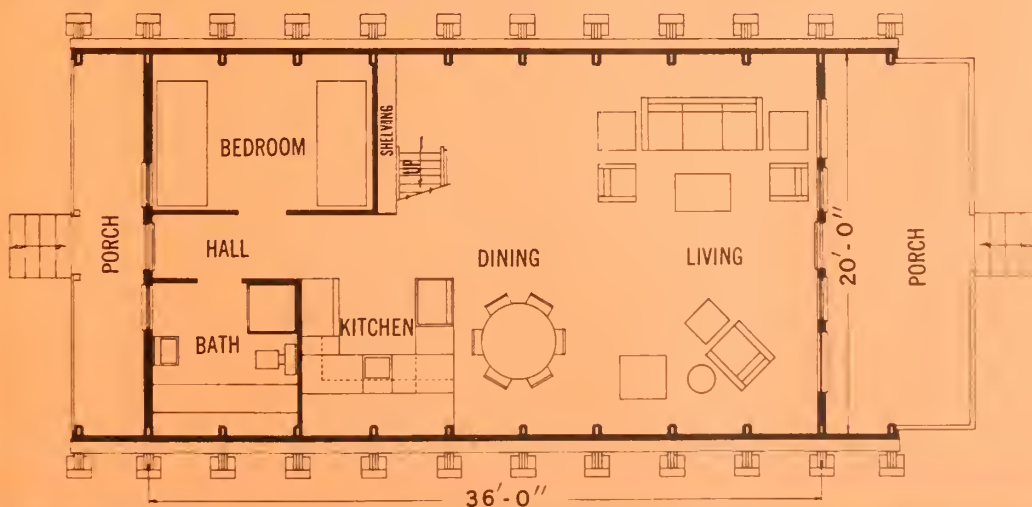
A-FRAME CABINS

**COOPERATIVE
FARM BUILDING**
Plan Nos. 5964
(3 - SHEETS EACH) **5965**
PLAN EXCHANGE



These two cabins (24-foot and 36-foot A-frames) are designed for recreational purposes in mountain areas or at a beach. They can be built by three or four people who have reasonable ability in the use of tools. Someone with a knowledge of concrete work may be required to place the footings. The frame itself should present

no problems; nor should erection of the end walls, roof, and interior partitions. It has been assumed that electricity will be available at the site to permit the use of power tools and to provide for lighting, heating, and cooking.



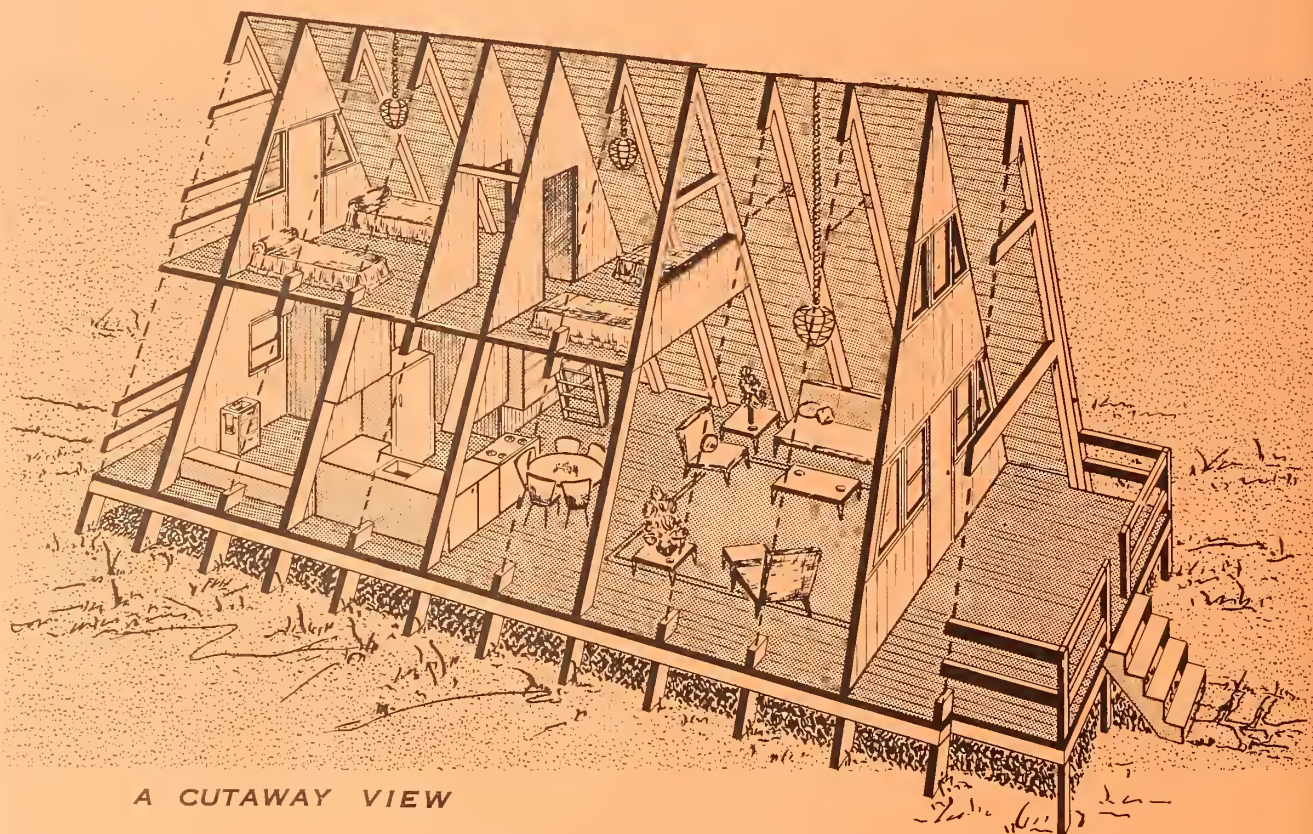
0 5 10
SCALE IN FEET

... other features

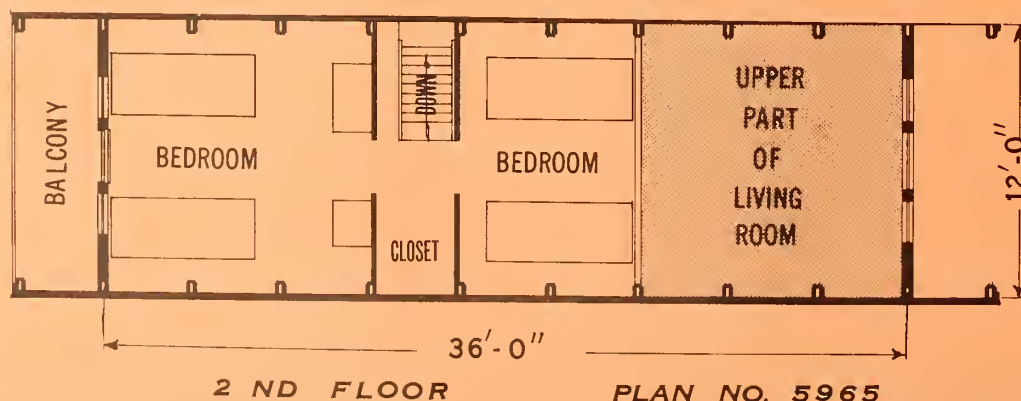
Each cabin is provided with a modern kitchen that contains a refrigerator, range, sink, and adequate cabinet space. Provision is made for a water heater under one corner of the floor cabinet arrangement. The bathroom contains a lavatory, toilet, and shower. A storage locker for linens is provided in the bathroom. The water supply would probably come from a well or spring; and the piping, where exposed to the outside air, should be properly insulated and provided

with drain valves so that all water can be drained from the system when the cabin is not occupied during winter weather.

The 36-foot cabin contains three bedrooms, one on the first floor and two on the second floor. The front bedroom on the second floor is a balcony that overlooks the two-story living room. If sleeping space for more than six persons is required, cots can be placed in the living room.



A CUTAWAY VIEW



The 24-foot cabin contains two bedrooms, both on the second floor. The living-dining area is smaller than in the 36-foot cabin, and the living room is only one story high.

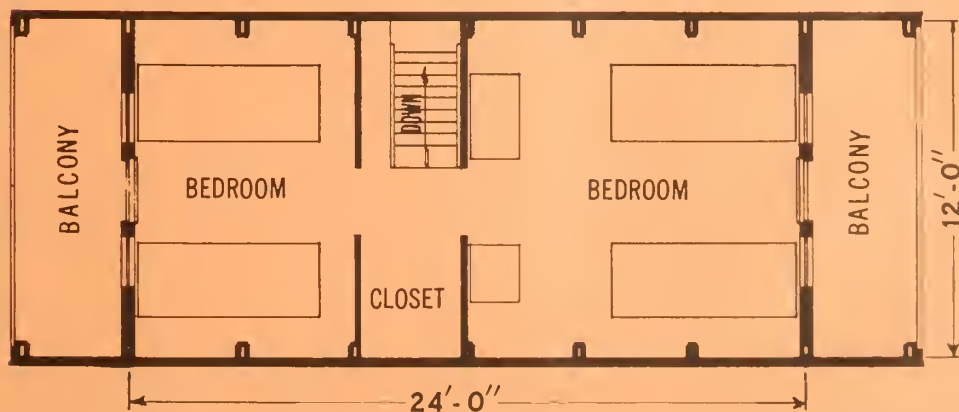
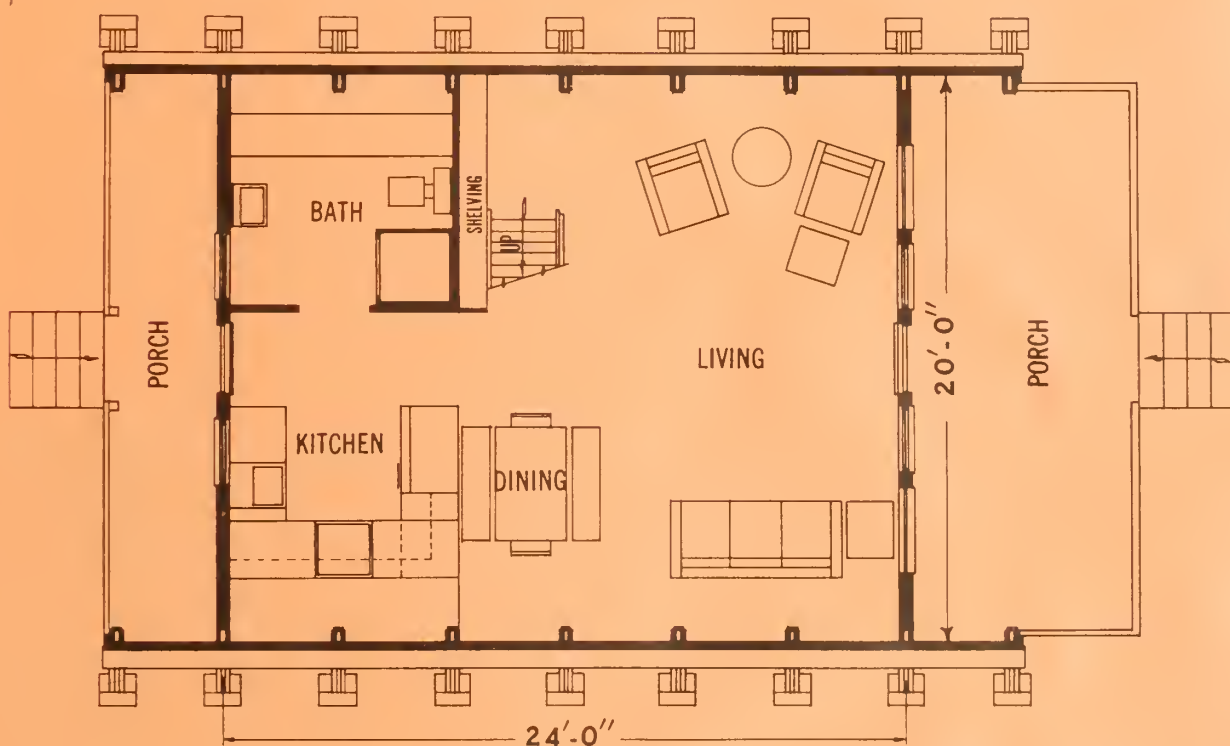
Ventilation in both cabins is good; the windows at each end provide excellent circulation of air.

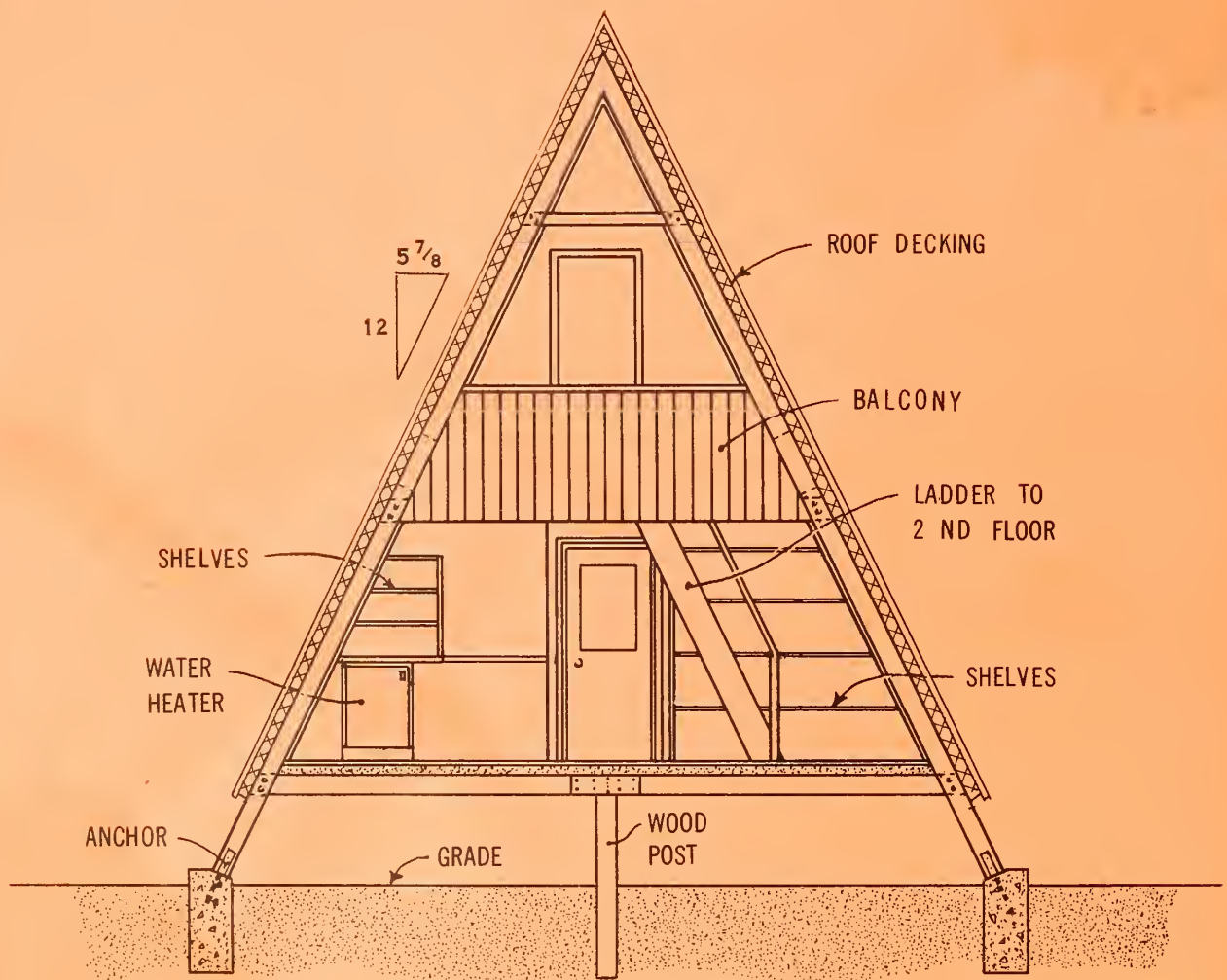
Storage shelving is indicated adjacent to the ship's ladder that leads to the second floor.

If a fireplace is desired, a prefabricated unit may be installed. Wood may be stored under the cabin for

use during winter weather or if wood is to be used for cooking.

It is noted on the working drawings of the smaller cabin that the size of the rear bedroom can be increased by extending the second floor to include the rear balcony. The second floor can also be extended at the front of the cabin if desired. If this is done the door shown on the plan should be replaced by a double-hung window.





SECTION

· VIEW FROM LIVING ROOM TOWARD THE REAR ·

This section gives some ideas for constructing the A-frame. After the footings have been placed, the lower half of the frame may be erected and the rough flooring nailed in place at the first- and second-floor levels. The second floor can be used as a work platform while the upper half of the frames is put in place. The roof sheathing should then be put on, followed by

the finished roofing. The end walls may then be framed and completed and finally the interior partitions.

For added protection in cold climates the space under the first floor and in the end walls should be insulated. Additional insulation may be installed on the underside of the roof sheathing between the frames if the climate requires.

Large-scale working drawings may be obtained through your county agent or from the Extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5964, 24'-0" OR 5965, 36'-0"

If the large-scale drawings are not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Md. The U.S. Department of Agriculture does not distribute drawings, but will direct you to a State that does distribute them.

