

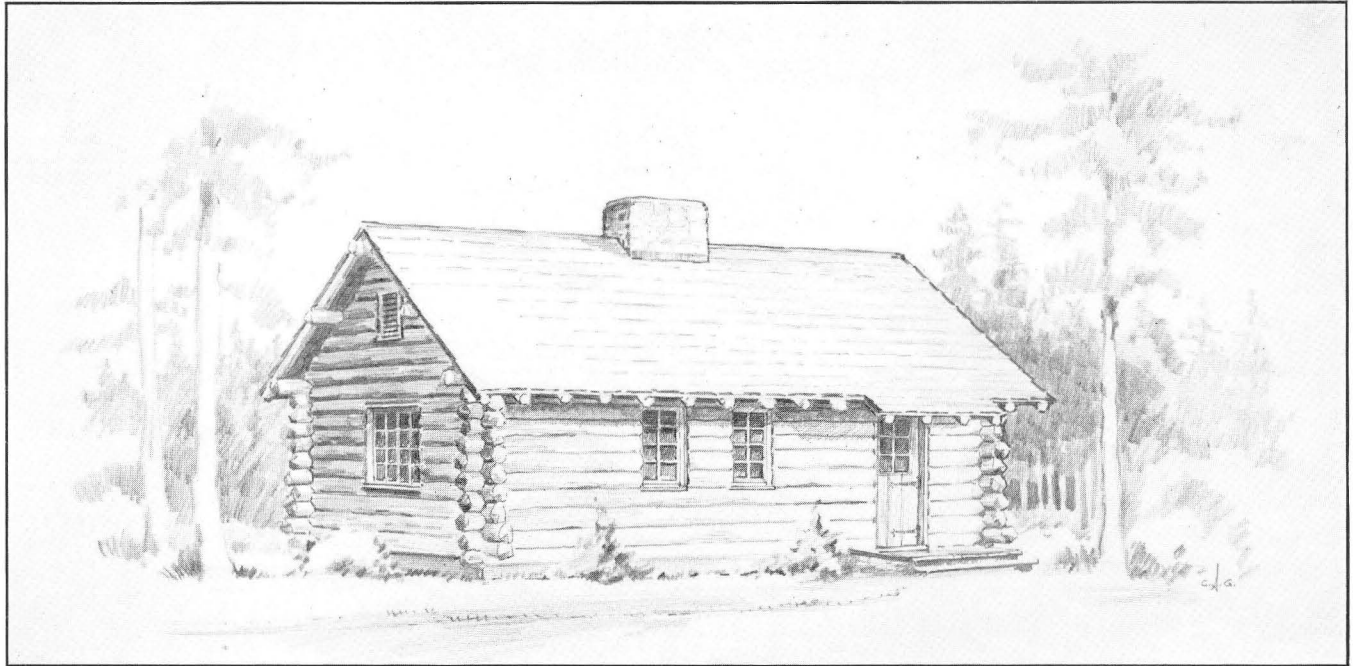
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Overnight Cabin Plan S-3  
Michigan State University Extension  
Tourism Resort Series Circular Bulletin  
C.A. Gunn, Agricultural Engineering  
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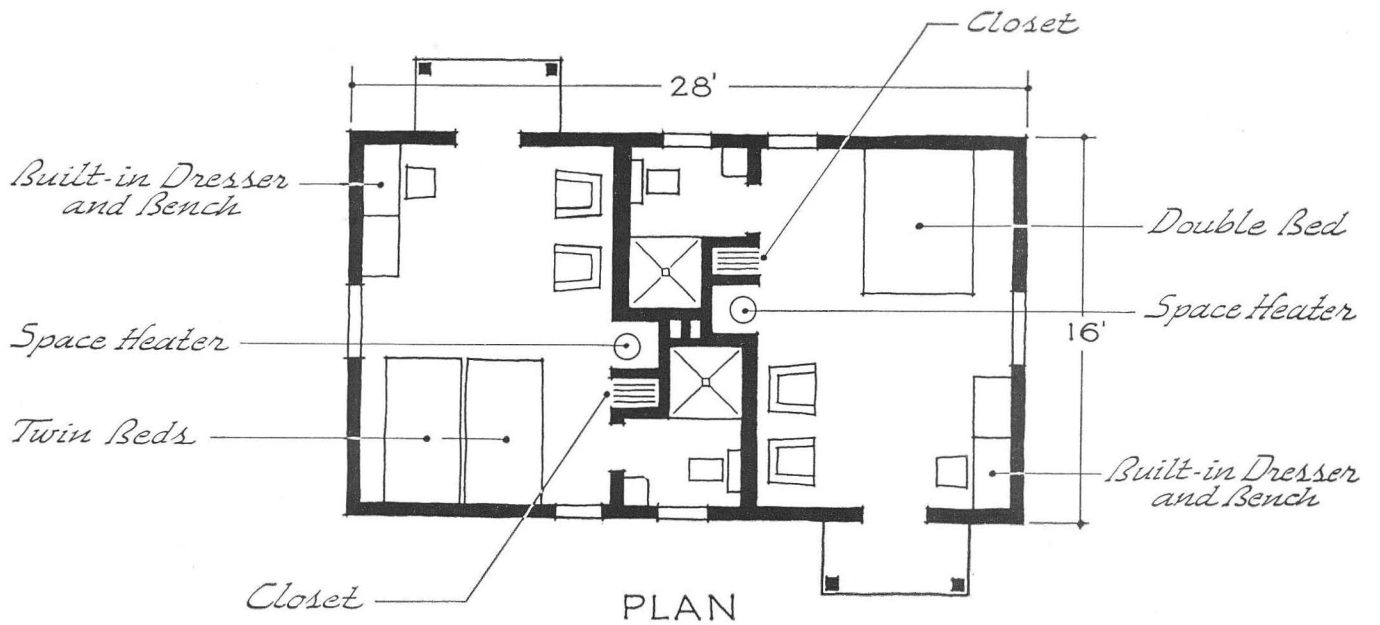
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TWO ONE-ROOM UNITS

EACH UNIT CONTAINS:  
1 BEDROOM  
1 BATH



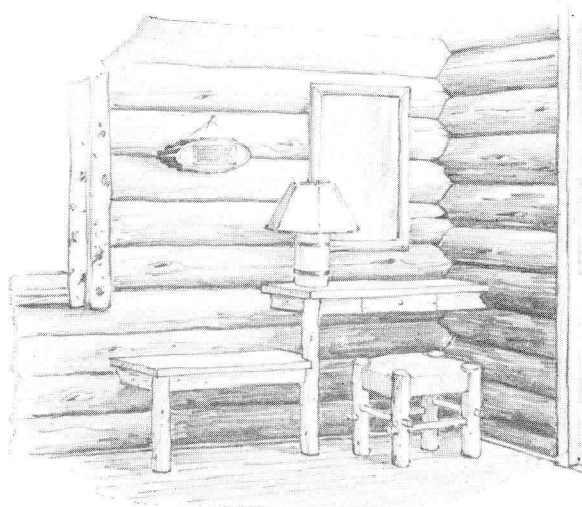
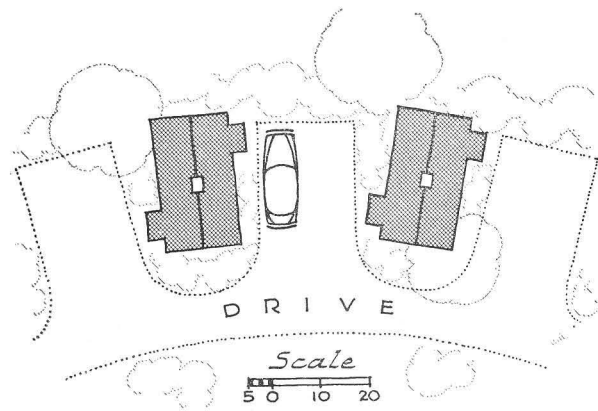
MICHIGAN STATE COLLEGE  
EAST LANSING

EXTENSION SERVICE AND AGRICULTURAL EXPERIMENT STATION, COOPERATING

This sheet contains suggestions that may assist you in selecting a building suited to your needs or in presenting your ideas to your builder or architect. However, it is not intended as a working drawing for construction.

**THE PLOT** The rectangular shape permits easy arrangement of cabins on the site. If land costs or boundaries prohibit greater spacing, 28 feet should be the minimum distance between cabins.

**THE PLAN** This cabin has the economy of providing two rentable units under one roof. Yet the staggered entrances and sound-proof walls between units give maximum privacy. The rectangular shape of the bedroom helps to separate the two functions of reading or relaxing and sleeping. The heat unit is placed out of the way in a wall niche, lined with asbestos board. This arrangement is dependent upon the size and construction of the heater, which should be installed



**BUILT-IN FEATURES ARE ATTRACTIVE.**

according to manufacturer's recommendations. If desired, a fireplace could be built in the area shown for the heater and closet. The window size and spacing provide adequate light and cross-ventilation for the bedroom. The furniture and furnishings should be in keeping with the rustic atmosphere and be comfortable as well. Linoleum covering on the luggage bench and dressing table will help to maintain these surfaces. Surface wiring is used throughout and light fixtures include a bed lamp, a table lamp and a floor lamp with side mirror lights in the bathroom. Convenience outlets near the built-in dresser and in the bathroom would be appreciated by the tenant.

**ALTERNATE EXTERIORS** If a domestic style of architecture is more in keeping with the area, it may be desirable to use frame construction as shown on Plan S. 79431-1 or of concrete block construction as described on Plan S. 79431-2.

**SPECIFICATIONS** The following specifications assume that the mode of construction will be similar to the pioneer type of log cabin. However, there are several manufacturers who specialize in log fabrication and have slightly different specifications depending on their method of construction. These specifications may help you or your builder to prepare an estimate of the labor and materials required.

**Foundations:** Poured concrete footings; stone masonry foundation walls.

**Floors:** Log floor joist;  $\frac{1}{8}$ " wood subfloor; tongue and groove hardwood finished floor.

**Exterior Walls:** 6" to 10" diameter horizontally laid logs; fitted and caulked with plastic caulking compound.

**Walls Between Units:** Staggered stud wood framing,  $\frac{1}{2}$ " fiber insulating wallboard. Tongue and groove wood finished paneling from floor to plate line; interior paneling wallboard in gables above plate line.

**Roof:** Log purlins and rafters covered with  $\frac{1}{8}$ " wood sheathing, asphalt paper and wood shingles. Rock wool insulation between rafters; gabled ceiling covered with interior paneling wallboard.

**Chimney:** Common brick with two terra cotta flues.

**Windows:** Log frames and wood casement windows.

**Doors:** Log frames with plank doors; glazed opening in exterior doors.

**Heating:** Oil-burning space heater; central oil storage tank with automatic supply; hot water supplied from central hot water storage tank.



PLAN 79431-1



PLAN 79431-2

By C. A. GUNN

AGRICULTURAL ENGINEERING DEPARTMENT

For additional information, address Conservation Institute, Michigan State College, East Lansing