

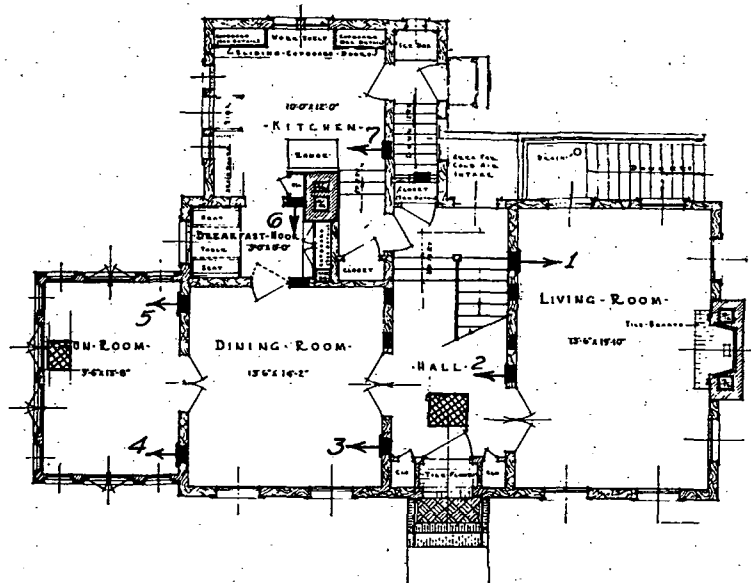


FIG. 57. FIRST FLOOR PLAN

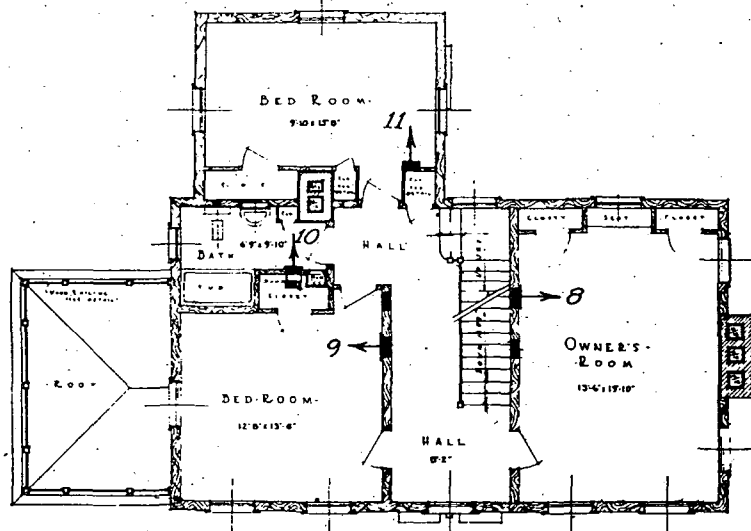


FIG. 58. SECOND FLOOR PLAN

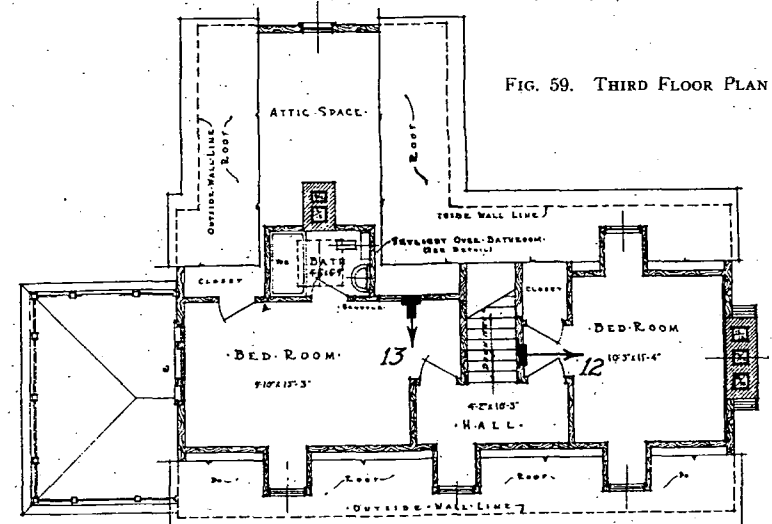


FIG. 59. THIRD FLOOR PLAN

## STANDARD CODE REGULATING THE INSTALLATION OF WARM AIR FURNACES IN RESIDENCES\*

THIRD EDITION

June 1, 1924

\*This Code is approved and issued by authority of the *National Warm Air Heating & Ventilating Association*, *THE AMERICAN SOCIETY OF HEATING & VENTILATING ENGINEERS*, *National Association Sheet Metal Contractors*, *Western Warm Air Furnace and Supply Association* and *The Midland Club*.

### ARTICLE 1.—Meaning of the Term "Warm Air Furnace Heating Plant"

Warm air furnace heating plants, to which this code refers, shall consist of one or more warm air furnaces, enclosed within casings, together with necessary appurtenances thereto, consisting of warm air pipes and fittings, cold air or recirculating pipes, boxes and fittings, smoke pipes and fittings, registers, borders and face plates, the same being intended for heating buildings in which they may be installed.

### ARTICLE 2.—Provisions to be made in Building under Construction for Reception of Warm Air Furnace Heating Plants

*Section 1. a* The following provisions shall be made by the owner or building contractor, in any building wherein a warm air heating plant is to be installed.

*b* Where warm air register boxes, heads, pipes, or stacks are to be installed, joists shall be set not less than sixteen inches (16") on centers and shall be butted and not lapped. Studding shall set directly over and under joists, leaving a space of not less than fourteen inches (14") between studs and joists. Wherever joists are cut, headers must be put in to support joists.

*c* All first story single or sub-floors shall be continuous. In all houses having studded exterior walls, these floors shall be extended to the outside sheathing and all spaces between studding shall be closed at the attic line.

*Note 1.*—It is strongly recommended that the attic be tightly floored to reduce heat losses.