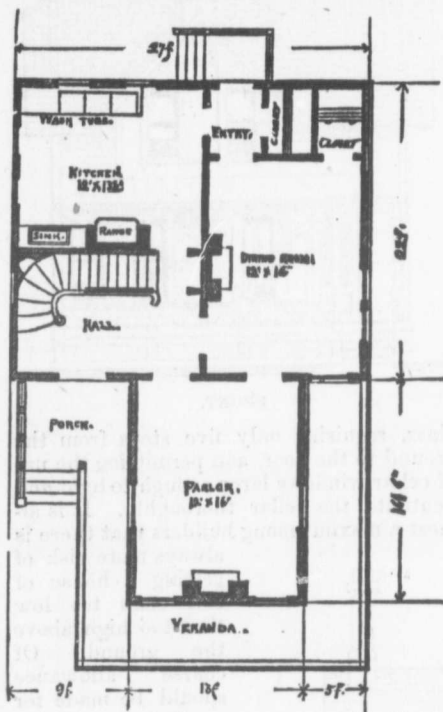


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DESIGNS FOR COTTAGE AND STABLE.

gables in respect to their size. Finish the ridges and the hips with a $2\frac{1}{2}$ -inch bead, laid upon the ridge boards and upon the shingles of the hips.

The stable design requires no extended explanation, the plan and the two elevations giving all the essential features pretty distinctly. The large door to the carriage-room is designed to be made into two parts, of matched strips upon a plank frame, each part to slide by the other. The internal partitions to be of tongued planks, and the walls and ceiling of the carriage-room to be sheathed with narrow matched boards.



GROUND FLOOR.

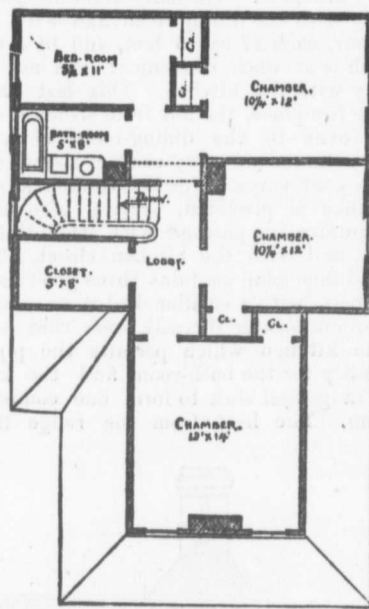
First floor of sound 2-inch pine or spruce plank. Horse stalls floored with 2x4-inch pieces, set edgewise and nearly level on the top; to be set one inch apart, the intervening spaces filled up with 1x4 inches at the head, and 1x2 inches at the foot of the stall, so as to secure drainage of the stall floor.

Both the cottage and the stable are intended to be framed with flat 3x8-inch sills, 4-inch wall and partition studs, and 2x9-inch flooring beams; the studs and floor beams to be set 16 inches apart on centres, and the flooring to be bridged with 2x9-inch blocks cut in between the beams. Walls covered with clapboards and filled in with brick; roofs shingled, except the flat roof of the verandah, which is to be tinne. Flooring boards in cottage $1\frac{1}{2}$ x5 inches,

matched and blind nailed. Ceiling of cellar plastered one coat; the rest of the cottage finished with three coats. A cellar is included in the estimated cost of the cottage, and could be added to the stable advantageously.

The following is a more complete specification of the material and labour required:

Cellar walls for cottage, 5 feet high and 18 inches thick, of stone, pointed upon the inside; underpinning walls $2\frac{1}{2}$ feet high and 10 inches thick, formed of two courses of brick, laid 2 inches apart. Foundation walls of stable started 3 feet below the grade, and carried up $1\frac{1}{2}$ feet above grade. One 12x12-inch pier in the centre to carry floor.



SECOND FLOOR.

Frame.—Sills for house and stable 3x8 inches, halved together at the angles. A cross sill 6x8 inches in stable floor, and one in cottage floor between kitchen and dining-room; flooring beams throughout cottage and upper floor of stable, 2x8 inches, 16 inches on centres; in first floor of stable, $2\frac{1}{2}$ x8 inches, 18 inches on centres; all to be bridged by 2x8-inch pieces, cut in and well nailed. Corner posts, 4x4 inches; studs for windows and doors, 3x4 inches; for walls and partitions, 2x4 inches, set 16 inches on centres; studs to be carried up to the full height. Put in 1x4 inch strips to carry the ends of floor beams on the outer walls. Plates, 3x4 inches; rafters for main portion of cottage and for stable, 2x8 inches; for parlour portion of cottage, 2x7 inches, set 2 feet on centres; floor joists for verandah and porch, 2x8 inches, on eight 4x8 inch sills, supported by sound

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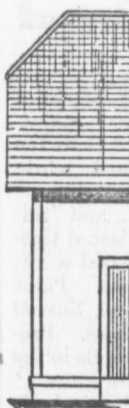
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