



FIG. II.—PLAN 3. FIRST FLOOR.

- a. Lobby and entrance for both sexes.
 b. Boys' clothes room to be used for recitation, 8 by 10 feet.
 c. Girls' clothes room to be used for recitation, 8 by 10 feet.
 d. Seats for two pupils each.
 e. Passages two feet wide.
 f. Flues, one intended for smoke, and the other for ventilation.
 g. Teacher's desk on a platform 5 by 8 feet.
 h. Closet for books, &c.
 k. Seats for four pupils each.
 m. Entrance to the cellar.

SPECIFICATION.

The materials of the walls should be brick, and the cellar walls built up above the level of the ground, eighteen inches thick, with cellar door-way, and window openings secured with iron guards. A cut stone door sill will be required for the front door, twelve inches on the top face and eight inches rise. The walls from the surface of the ground upwards will be of brick; the outside four inches, to be the best quality dark stretchers with the joints smoothly struck; the thickness of the wall at the base and pilasters will be sixteen inches; in the recesses twelve inches, being a nine inch wall spread on the base, making an opening of three inches in the centre of the wall; the two surfaces to be bonded together with alternate headers every fifth course; the projection of the base to be finished on the top with headers. The flues will be made eight by twenty-four inches, thoroughly and smoothly pargeted and topped out on the roof for ventilators. The work to be done in a substantial and workmanlike manner, with mortar composed of clean, sharp sand and wood burnt lime. Plastering on the interior will be done in the same manner as

the last; the jambs of the windows will be plastered and the angles rounded.

CARPENTER WORK AND MATERIALS.

The flooring joists will be eight by fourteen inches, and ceiling joists two by twelve, placed sixteen inches between centres, and the flooring joists strengthened with two lines of lattice bridging, well secured to the same; a raising piece will be spiked on the ceiling joists, and the rafters heeled against it; alternately the rafters will be continued over the wall, forming cantilevers to support the eaves; those from the gables will be framed into the outer rafter. The rafters will be framed and one and a half inch plank collar beams well spiked across the same. The rafters will be lathed and covered with the best white pine shingles, butted and jointed. A bell turret will be built according to the plan. The window frames will be made plank front or casing, and double hung. The sash and shutters to be made and hung as usual on the flank and back of the building; but on the front, inside shutters in one pair to each window, will be made and hung to open against the wall, and recesses in wall will be made to receive them; the sub-sills of the windows will be made of heart pine. A circular transom sash will be made over the front door. The doors will be made and secured as usual, excepting that in the partition between the lobby and clothes rooms, folding doors will be made and hung, so that they may be opened into one room for recitation or class purposes. The closets will be shelved in the usual manner, and the platform for the Teacher's desk made with eight inch rise. Wainscoting, black-board, inside dressings and jambs of doors, pinrails and hooks in recitation rooms, slats in main room for maps, cellar door and steps, and outside steps (of wood) and privy and fencing, will be done in the best manner.

PAINTING AND GLAZING.

The wood work usually painted, will receive three coats in plain colors, with pure white lead and linseed oil. The sash all to be glazed with the best glass; the size of the glass will be thirteen by sixteen inches, eighteen lights in each frame on the side and back; the front frames to have twelve lights in each.

All the materials and workmanship to be of the best quality, and every thing to be furnished, requisite to complete the building in all its parts, in a substantial and workmanlike manner, and to the satisfaction of the Trustees.

ESTIMATE.

A building according to this plan, would cost nine hundred and fifty dollars without the cellar; or eleven hundred dollars with a cellar complete, as in the specification.



PLAN NO. 4. SIDE PERSPECTIVE, &C. FIG. I.

This plan is designed for forty-six pupils, but can be arranged for forty-eight or fifty. It may be of stone or brick.

The artist has provided a separate entrance for boys and girls, though they are to sit together in the same room.