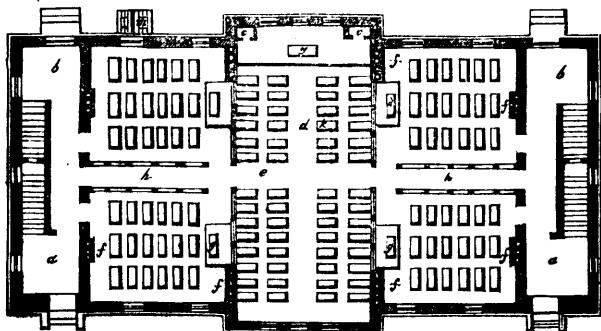


moderate 750 pupils—250 on each floor. Unless in very rare cases, a School Building should not exceed two stories in height. In all the passages and school rooms the doors should open outward, (not inwards, as is generally the case,) so as to admit of easy egress in case of fire, accident, &c.

The plan of its first and second floors is as follows:



FIRST STORY FLOOR.

- a. Boys' entrance and stairs to second and third stories.
- bb. Girls' entrance and clothes rooms.
- cc. Closets on the teachers' platforms.
- d. First Master's class room and passage three feet wide.
- e. do. do. do. do.
- f. Flues for warm air or gas, and ventilation.
- g. Master's Desk.
- hh. Passage three feet wide.

The four corner rooms on each floor are, in effect, class rooms, the main room in the centre being the study hall, under the constant supervision and control of the first Master.

Under this system of government and instruction, for which a glazed partition throughout, and the wide central passages, afford full facilities, each story would require five Teachers—a master and four assistants—and each would thus constitute one large School. The two class rooms on the second story will be found very suitable for recitation purposes, if either or both of those stories be appropriated to pupils of an advanced grade.

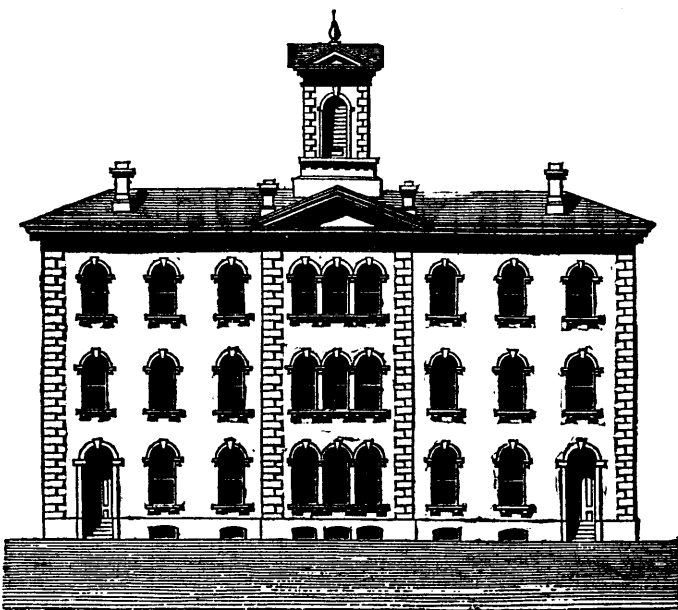
The first story is for girls; the second for boys, and is nearly similar to the first story.

SPECIFICATION.

This plan represents a building forty-seven by ninety-two feet; three stories high, first and second fourteen and third thirteen feet

each in the clear; pitch of roof seven feet, and height of the first floor two feet six inches.

This building is three stories high, divided into class rooms, separated by glass partitions, the first story being for girls, and the second for boys. It is intended to be of stone and stuccoed; but if brick is more economical, it would answer equally well.



PLAN NO. I.—REAR ELEVATION.

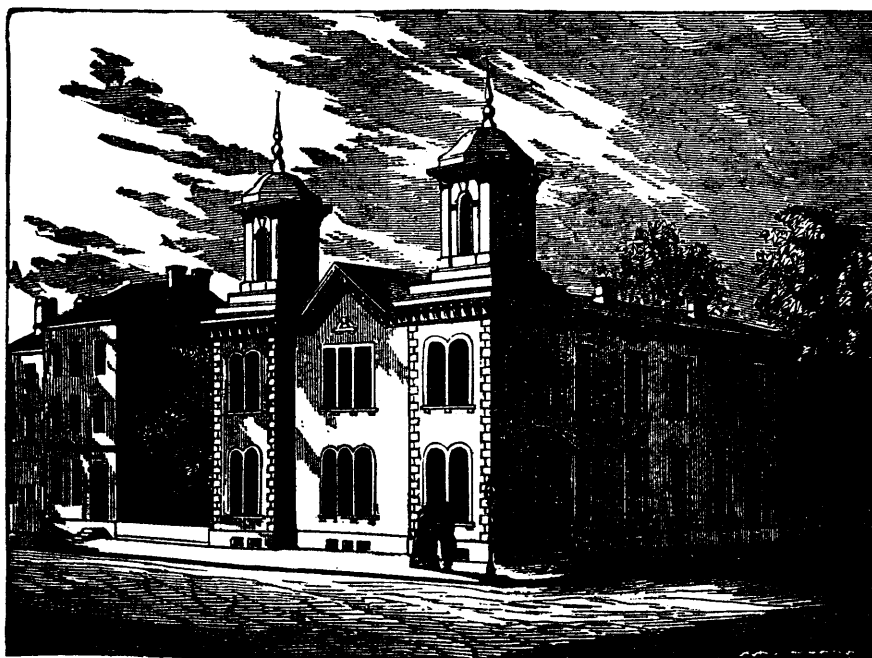
rated by glass partitions, the first story being for girls, and the second for boys. It is intended to be of stone and stuccoed; but if brick is more economical, it would answer equally well.

In this building the two transverse partitions are to be supported by piers in the cellar, the girders to bear on the top of the piers and the walls of the flank; and the joists, arranged longitudinally, to be doubled under the other glass partitions. If the building should be built of stone, the walls will be—cellar 24, first story 22, and second 20 inches thick; but if of brick, they will be respectively 24, 22, and 18 inches thick. The doors and window sills, and the platforms and steps, are to be of cut stone.

PLAN NO. 2—FOR 350 OR 400 PUPILS.

With the changes hereafter suggested, this house will be found to be very suitable for a small town with from three hundred and fifty to four hundred pupils of all grades; or for the ward or other division, containing the same number, in a larger town or a small city, in which the plan of having the schools of each part separate from the others, but still on the Union system, is preferred.

The general idea of the plan is admirable. It provides not only for the three regular grades of Schools in the same building, all so arranged as to be within the full control of the principal teacher, but it affords considerable class room, great facility of entrance and egress, and a fine large lecture hall. These are all very desirable qualities. In the details, however, it slightly fails; but it can be readily improved, both in capacity and arrangement, with little trouble and no increase of cost.



PLAN NO. II.—FRONT PERSPECTIVE.

There is no actual necessity for the third or back stairway. [See opposite page.] The space occupied by it, if thrown into the girls' Primary School, will make it of equal capacity with that of the boys'. Each of these rooms will then be about twenty-five feet by thirty-five. This will readily seat two hundred Primary pupils—one hundred in each room. The Superior School rooms are about twenty-five feet square; a space which will seat from thirty-five to forty pupils of that grade in each room.

To secure readiness of entrance to the Primary Schools, there should be an outside door to each, opening through a small entry or clothes room. These

doors had better both open directly into the yard at the back of the building, and neither of them into the street; but a gate should lead from them to the street.

The second story also admits of some desirable changes. The two