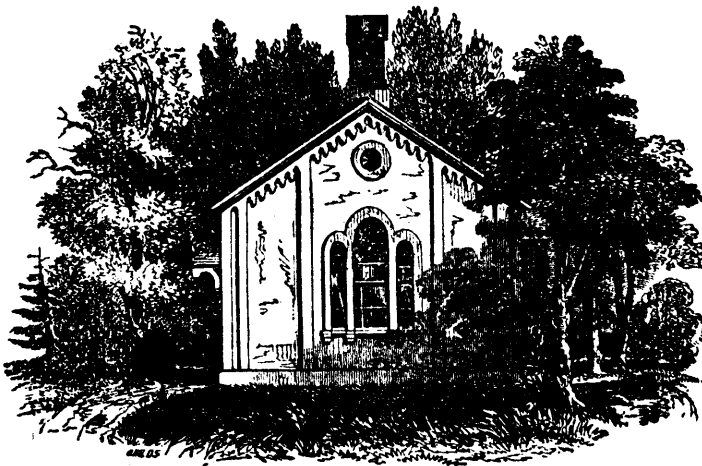


School Architecture.

In our *Prospectus* of this Volume of the *Journal of Education*, issued last December,* we stated that the engravings illustrative of the new Department of School Architecture, which we proposed to commence in Volume II., would "exceed in number the months of the year." We have already, exclusive of the numerous illustrations in other departments of the *Journal*, redeemed our promise, and, including the engravings in this number, have now presented our readers with *thirty illustrations*—nearly *three times* the number of the months in the year. We have much pleasure in knowing that some of the plans of School Houses which have appeared in the *Journal* have been adopted by Trustees and others; and we shall be rejoiced to hear that our efforts in this department of educational progress in Upper Canada will be productive of still further good in promoting the happiness and comfort of Teachers and Pupils by means of the diffusion of an improved practical taste in regard to the selection of sites and the erection of School-houses.

(Fig. 1.)

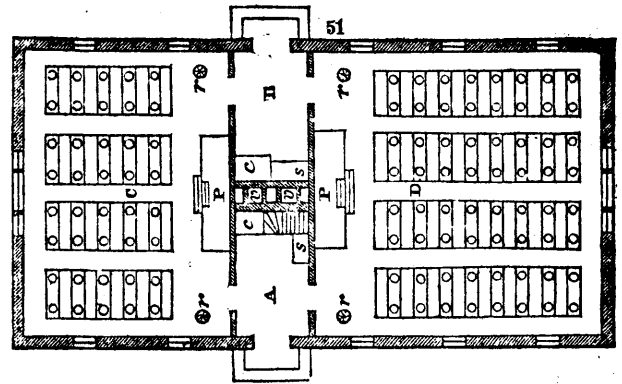


END ELEVATION OF A PRIMARY AND SECONDARY SCHOOL-HOUSE FOR 130 PUPILS.

The preceding engraving represents the end elevation of a Primary and Secondary School-house erected in Centremill, Rhode Island, after designs by Mr. TEFT of Providence—a tasty and skillful Architect of that city. The School-house stands back from the highway, on an elevated site,—as School-house sites ought always to be—and for beauty of design and convenience of arrangement is not surpassed we believe by any similar structure in New England, or equaled by any in Canada. It is 51 feet long by 26 feet wide, and 13 feet high in the clear, with two departments on the same floor. The style of the building is very neat and tasteful, and has something approaching to the Tuscan cast in it. The entrance doors of the boys and girls respectively are on either side. The handsome characteristic projection over each door may be seen in the engraving. The belfry and double chimney issuing from the centre of the roof are neatly designed, and give the building a finished and scholastic appearance. There are five prettily shaped arched windows in either side—three on one side and two on the other side of the entrance door. Their size and appearance are the same as that of the centre one in the triple window inserted in either end of the building, and as seen in the one facing the reader. The gable is slightly ornamented, and is furnished with a circular ventilating window, as seen in the engraving. The trees and shrubbery around the School-house give it an air of cheerfulness and repose,—so essential in contributing to the health, the comfort, and the success of the pupils and masters.

* See Vol. I., pp. 370-372.

(Fig. 2.)

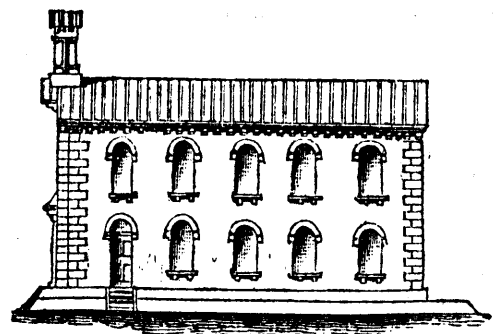


GROUND PLAN OF A PRIMARY AND SECONDARY SCHOOL-HOUSE.

The accompanying Fig. 2 exhibits the Ground Plan of the foregoing School-house, and is designed to afford accommodation for a Primary and Secondary department in the building. C. is the Primary, and D. the Secondary, or Grammar School department.

The room C is 25 feet wide by 25 feet long, with desks and seats attached for 60 pupils. The room D is 25 feet wide by 30 feet long, with desks and seats attached for 70 pupils. A is the boys' entry, and is 6 feet wide by 10 feet long. B is the girls' entry, and is of the same dimension as that for the boys. P, in either room, is the Teacher's Desk and Platform. The seats for the younger pupils are placed immediately in front of the Teacher's desks and are slightly lower, in their elevation above the floor, than those in the rear of the School-room—as seen in the Section of seats and desks at the close of this article, and on page 13 of this *Journal*. r, r, r, r, are Registers for the hot air, for heating the School-rooms, which issues from the furnace in the basement of the building, as described on page 85. v, v, are flues for ventilation, and are similar to those described on the same page of the *Journal*. C, C, are the closets for the dinner baskets of the pupils who have come from a distance. S, S, are the water sinks connected with the boys' and girls' department of the School. The smoke pipe is carried up between the ventilating flues v, v, and is made to branch off into two separate chimneys as it issues from the roof, so as to accommodate the bell—a very neat and convenient arrangement. The stairs seen in the Ground Plan lead up into the attic.

(Fig. 3.)



SIDE ELEVATION OF A BRICK GRAMMAR SCHOOL-HOUSE.

Figure 3 represents an original design for a handsome High or Grammar School-house, and is by the same Architect—Mr. TEFT, of Providence. It is a very chaste and ornamental building, and in excellent keeping with the correct proportions, requisite in a