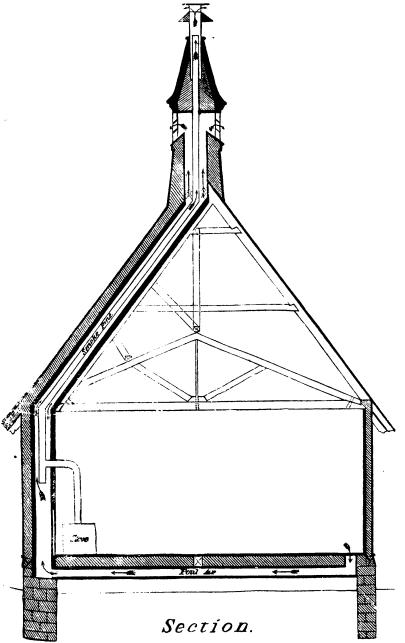
IV. Improved School Architecture.

VENTILATION OF SCHOOL BUILDINGS.

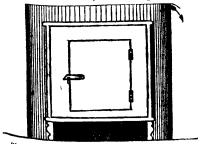
We insert in this Number of the Journal several Plans prescribed by the New Brunswick Board of Education for the improved Ventilation of School Houses. We hereby commend these illustrations with the accompanying specifications.



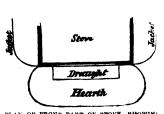
SHOWING ARRANGEMENT OF HEATING AND VENTILATION.

SPECIFICATIONS FOR VENTILATION AND HEATING.

The ventilating shaft to be finished above roof as shown in drawings, the sides to he ventilating shaft to be finished above roof as snown in urawings, the slate openings fitted with Louvre slats; the slats on one side, and one centre best, to be removable, and this post to be fixed in place with screws. The roof to



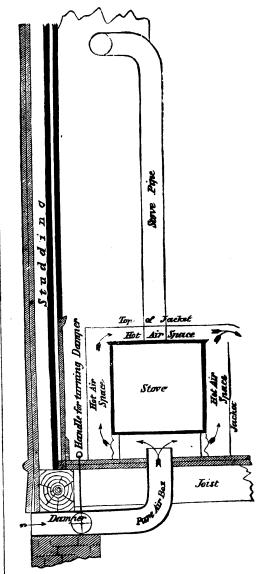
ELEVATION OF PRONT PART OF STOVE, SHOWING FITTING OF JACKET.



PLAN OF FRONT PART OF STOVE, FITTING OF JACKET

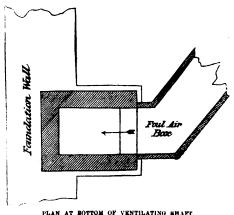
be shingled and to have a galvanized iron smoke cowl 12 in. in diameter, securely fixed and made tight to roof.

Provision to be made in each* school-room, and class-room, for drawing off the foul and cold air by means of 8 in. by 12 air-tight wooden or other tube secured to the underside of the floor joists, and fitting



SECTION THRO. STOVE, ETC., SHOWING PURE AIR PIPE AND JACKET.

air-tight into each* ventilating shaft; each* foul airtube to have an opening into room at the end opposite entrance into ventilating shaft; this opening to be made in the floor close to the base-board, and fitted



PLAN AT BOTTOM OF VENTILATING SHAFT.