

A SCHOOL FOR GIRLS.

THE LARGE AND HANDSOME BUILDINGS AT WINDSOR.

The Church School, Its Situation, Accommodations, and Model Staff of Teachers—A Walk Through the Buildings and What is Seen.

The buildings at Edgell now occupied by the Church School are two in number, the old and the new. These are united by a two storied gallery twenty-seven feet in length, and are easily recognized in the accompanying illustrations.

The area of the Edgell property is a little over eight acres. Nearly one-half is a terraced slope, surrounded by a trimmed spruce fence about ten feet in height. The mean length of the grounds is eleven hundred feet, the mean breadth a little over three hundred. The basements of the buildings are about eighty feet above the tidal waters of the Bay of Fundy.

The New Building.

The new building is 99 feet long, with a maximum breadth of 68 feet. It consists of a basement 9 feet high, and a first, second and third floor, each 12 feet in altitude. Each flat is divided into two nearly equal

On the second floor of the new building and on the south side, is a large dormitory over the dining-room, 40 feet by 36 feet, containing 16 alcoves and a governess room; each alcove is supplied with an iron bedstead, washstand, bureau and wardrobe. This dormitory is provided with two double entrance doors. On the same side of the building is a class room, 17 by 14 feet, and an invalid's room 22 by 10 feet. Then follows the Lady Principal's bed-room, 20 by 17 feet 6 inches, adjoining which is a governess room. On the north side of the corridor, which is 98 feet in length, is a private lavatory and bath-room, a "Safety Lift" and the east staircase; followed by bath-rooms, lavatory, closets, etc., all in one compartment. Adjoining is a room 20 feet 6 inches by 14 feet 3 inches; next to this room is a dormitory, 36 feet by 17 feet 6 inches, arranged for 8 alcoves, each with iron bedstead, washstand, bureau, and wardrobe.

The third floor is similar in all particulars to the second floor, having bath-rooms, closets and lavatory in a separate compartment. Besides the four large dormitories, and the Lady Principal's room, it will be seen that there are ten good-sized rooms and one closet, available for class rooms or other purposes, on the second and third floors.

and ventilated by means of a large open fire-place, besides hot water radiators which are distributed throughout all the rooms in the building. Two fire escapes are ordered, one at the east, the other at the west extremity. Ventilating shafts are introduced in the proper places, all slop closets and W.C. closets being provided with vent shafts passing to the roof. There is no apparent reason why the ventilation should not be excellent in all parts of the building, if judgment is used in opening or closing vents on the tops of the windows.

The veranda, which is on part of the south side and on the east side of the building, is 100 feet long by 9 feet broad, and forms a pleasant and useful promenade in wet or hot weather. The height of the veranda from the ground to roof is 48 feet, to the summit of the tower over the entrance hall, 70 feet. Besides the main entrance there are four other doorways, and no portion of the floors of the building in the basement is more than one foot three inches below the surface of the ground.

All floors are double and dealened with ash-mortar. Four iron columns, seven inches in diameter, fitted with moulded base, cap and plate in each room, pass from stone foundations below the kitchen floor, through the dining room, and large dormitories on the second and third floor, to the rafters of the roof. The

pet before it, a washstand, a bureau and one chair, the wardrobe being on the outside, in the passage way, which is supplied from end to end with a breadth of Brussels carpet, loosely laid down so that it can be moved at any time when the floors are washed. Felt curtains, 6 feet 2 inches long, and just falling to within one inch from the floor, are suspended from brass rods before each Alcove, and when drawn convert it into a small private apartment, for the neatness of which the occupant is held strictly responsible.

Most of the alcoves are chaste and charmingly decorated with photos, and nick-nacks, all tastefully and judiciously discontinued. In the day time the curtains are drawn back, the interior of the alcoves exposed to view and air and light freely admitted. The color of the curtains varies in each dormitory. On one flat is olive green in one large room and electric blue in the other; on the upper flat crimson in one, terra cotta in the other. All the rooms are lighted by means of pendant electric lamps, four in each south room and two in each north room. These are controlled by means of a "switch" placed in the corridor.

Adjoining the large dormitories are numerous bed rooms for three or four pupils boarders. These are furnished in similar manner, no more carpet than a strip of Brussels before each bed being allowed, and all carpets are movable.

The school furniture is uniform throughout the building, no distinction being made in any particular. All the corridors and passages, together with the main entrance hall have a strip of Napier matting throughout their entire length, and of similar quality, that of the main entrance hall being of double width.

There were 372 feet of brass rodding required to hang the 160 yards of felt used in making 86 curtains for the alcoves. Of Brussels carpet 350 yards were used in the dormitories and sleeping rooms, chiefly, as already stated, in movable strips, 8 feet 6 inches long. The corridors and entrance hall took 120 yards Napier matting. The whole of these articles were supplied and prepared by Manchester, Robertson & Allison, of St. John, N. B., and with such liberality, that while the cost to the school did not amount to more than one half the customary selling price, the goods are of excellent quality and attractive in design and coloring.

Effectual drainage is provided through a 9 inch properly trapped pipe to the town sewer on King street, with a fall of not less than 30 feet in distance of 100 yards, which secures rapid exit. All the drainage from the roof and veranda goes into the 9 inch drain pipe for flashing purposes. There are four traps between the closets in the building and the town sewer, the trap next to the sewer being ventilated by means of an eighteen foot iron upright pipe which rises from the trap about 200 feet from the building. The object of this ventilating pipe being to cut off and give exit to any sewer gas which might be forced through the trap during sudden storms, and an unusual influx of surface water into the street sewers.

An abundant supply of water, direct from the town main, and under a pressure varying from 80 feet to 31 feet, according to altitude in the building, is provided for all the floors and the roof. Both hot and cold water is supplied to the bath-rooms and lavatories. Screw taps are introduced into the sink closets on each floor to which hose may be attached in any emergency. The baths and lavatories obtain their hot water supply from a furnace and boiler in the basement distinct from the furnace and boiler heretofore described, which controls the heating apparatus.

The building is lighted throughout with Edison's Incandescent Electric Lights. These are introduced into all the rooms, halls, lavatories, passages and closets.

The wires on entering the building are encased in approved hard rubber tubing and provided with "cut-outs." All pendant lights have besides a rosette cut-out. The front of the building, veranda and road approaches are illuminated with an electric lamp projecting four feet from the

halves of the building can be heated as desired. The radiators are "Safford's Patent." Of these 33 are used, containing 2480 square feet of heating surface. There are besides 18 coils of 2 inch pipe offering 1824 square feet of heating surface and two coils of 1 1/2 inch pipe, with 80 square feet of surface. The distributing pipes consist of 110 feet of 5 inch pipe; 65 feet of 4 inch; 112 feet of 3 1/2 inch; 134 feet of 3 inch; 114 feet of 2 1/2 inch; besides 1380 feet of 2 inch pipe used in supplying the radiators and coils. Each radiator and each section of the wall circulation is fitted with a valve to regulate the heat, which may be shut off from any radiator or coil at will. The entire system is supplied automatically with water from an expansion tank placed over the ceiling of the uppermost flat.

Physical Training—The Recreation Grounds. These lie to the west of the school buildings and consist of two level portions, and an upper and lower plateau, separated by terraces about 10 feet high in the aggregate, and a gravelled road 12 feet broad. The upper plateau is 250 feet long by 100 feet broad, and is divided into a Bowling Green, Lawn Tennis Court and Croquet Ground. On the north side is a picket fence, supporting grape vines, to the north of which again is the school road to the Paddock hereafter described. The lower plateau is 250 feet long by 63 feet broad. It is designed for Lawn Tennis and Croquet.

In the "view looking east" a portion of the lower tennis courts is seen, with four of a dozen similar settees, the gift of Miss White. The iron framework of a summer tent may be distinguished over the settee on the right; this is the gift of Miss Machin. To the left of the illustration the extremities of three terraces are visible, which form for 250 feet the southern boundary of the upper tennis courts. A handsome pavilion on the upper tennis courts does not come into view in either picture.

In the rear of the "View looking east" a portion of the spruce hedge, 10 feet in altitude, may be seen. This spruce fence encompasses upwards of three-fourths of the Edgell recreation grounds. West of the recreation grounds is the school Paddock, of about 4 acres in area. It is well supplied with water, and affords very convenient pasturage. The grounds south and east of the buildings are chiefly in grass plots with terraced walks on the south and east sides, extending for five hundred and eighty feet. The stables, cow houses and hen yard are to the north of the upper plateau and back road. They are situated about 200 feet from the school buildings.

The advantages of the School Paddock may be gathered from the mere statement that during the last Michaelmas term beginning on Sept. 19 and closing on the 19th December the number of quarts of milk consumed by the inmates of the school, seventy-eight in number, amounted to 5,515, which at 6 cents a quart would have cost \$330.90. The whole of this was supplied by the school dairy at a cost of \$118.11 for feed, to which may be added \$40 for attendance. With the growth of the school due attention will be given to ornamental shrubs and flower plots, for which preparations have already been made. These will be chiefly in front of the new building. A kitchen garden, as far as such an adjunct can be profitably worked, is provided for to the north east of the main edifice, and in front of the sanitarium or school hospital.

This is a small building placed on the highest part of the property, and with one exception it is situated on higher ground than any other building in Windsor. Being

100 feet above the sea level, it is thirty feet higher than the basement of either of the school buildings, from which it is removed about 120 feet. It will be used in case of the sudden outbreak of infectious or contagious disease.

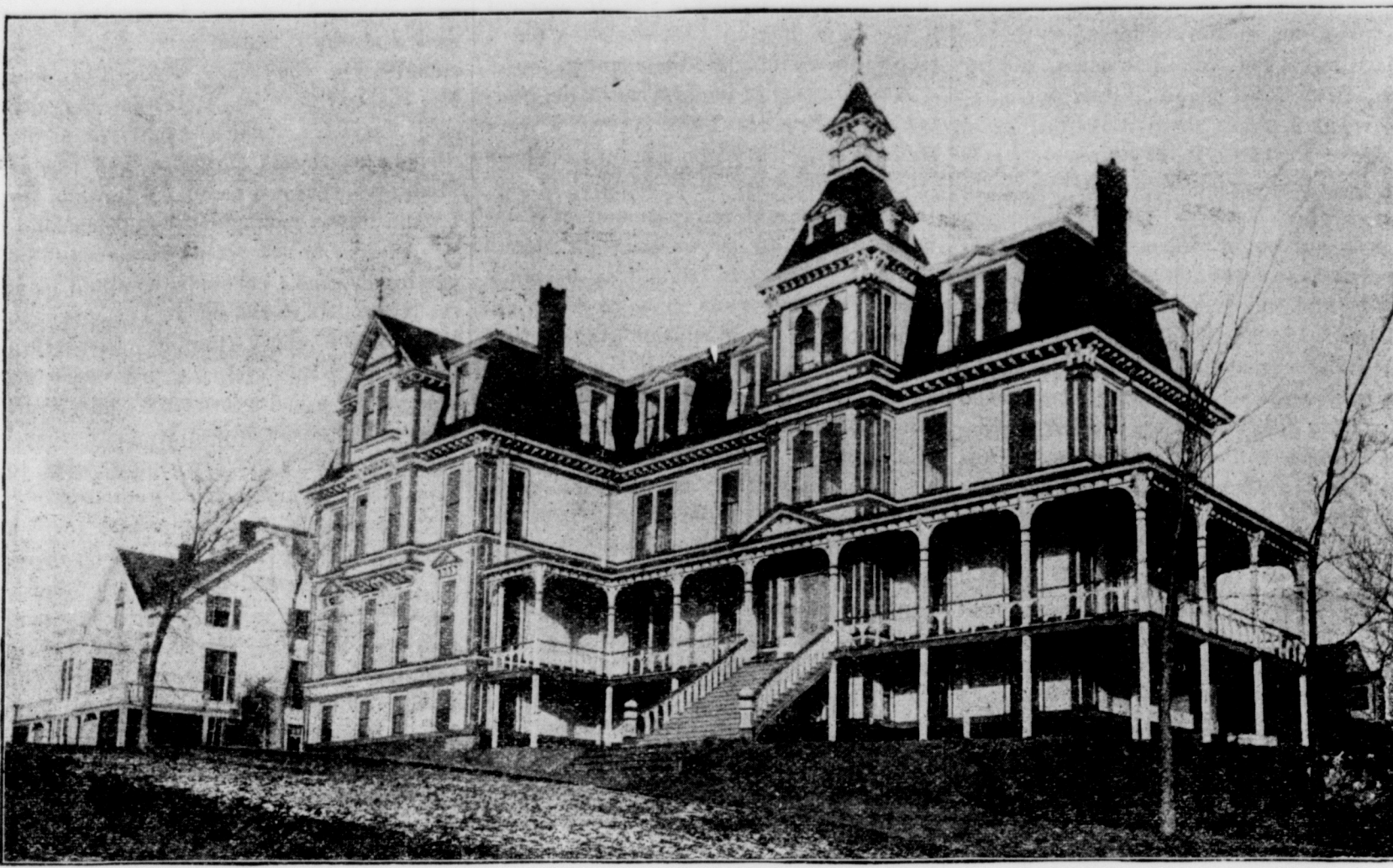
Fortunately, and thankfully it may be said, no occasion for its use has yet arisen, and it is devoutly to be hoped that it may never arise. But it is proper to have such a building in readiness at all times, with a minimum of needful preparation.

This is not the place to enter into a description of the designs and aims of the Church School for Girls, or of the course of instruction, secular and religious, pursued. Full information will be found in the trustees and directors reports presented to the shareholders at their annual meeting on October 7th, 1891. Also in the calendar of the school; both of which documents can be obtained by application to the secretary. But as recent additions have been made to the staff, it may properly come within the scope of this notice to enumerate the personnel. With the growth of the school additions will have to be made, but the name of the institution implies, it is a "school" and not a college, which the synods of Nova Scotia and New Brunswick have determined to establish and sustain. The prizes given for distinguished merit may also with propriety be mentioned, as these show in a special manner the unspoken wishes of the donors.

The Present Staff. 1. Lady Principal—Miss Machin. Bible and Church History, Lessons on Art, Physiology, etc. RESIDENT TEACHERS. 2. Miss Isabel Ridd—Pianoforte, Drawing and Painting, Ancient and Modern History, English Essays, Physics. 3. Mrs. Hoyt—Voice Culture, Pianoforte, Class Singing. 4. Miss Ellen S. Ridd—General and Physical Geography, English Grammar and Composition, Astronomy, Reading. 5. Miss Painter—Mathematics, Physics and General English. 6. Miss Milne—History, Literature, Latin. 7. Mademoiselle Beley—French, Writing. NON-RESIDENT TEACHERS. 8. Miss King—Pianoforte, German. 9. Mr. Boutin—Calisthenics. 10. Sergeant Cunningham—Calisthenics. 11. Miss Wright. HOUSEKEEPER.

PRIZES AWARDED BY THE TRUSTEES. The Gold Star, The Silver Star, Recognition of Merit, Honorable Mention. THE BISHOP OF NOVA SCOTIA'S PRIZES. A prize for Faithfulness in School Duties. A prize for Knowledge of the History of the Church of England. THE VERY REVEREND DEAN GILPIN PRIZES. A very ornamental Gold Medal, one inch and seven-tenths in diameter. The device and motto of the School on the face; on the reverse: Prov. XXXI, v. 10. First Merit. (Name of recipient.) 1892. Dean's Medal.

The award of this medal is placed by the dean "entirely at the disposal of the authorities of the school;" and is to be competed for "as they may think to the best advantage." THE SYNOD OF THE DIOCESE OF FREDERICTON'S PRIZES. A sum of \$55.00. Subjects not yet determined. MISS LILLIE MACHIN'S PRIZE. Miss Lillie Machin gives an annual prize (value five dollars) to the pupil who accomplishes most reading of Standard works in her leisure hours, subject to the approval of the lady principal. This prize is to be continued for four years.



OLD BUILDING. NEW BUILDING. CHURCH SCHOOL FOR GIRLS, WINDSOR, N. S. VIEW LOOKING WEST, FROM THE SLOPES OF EDGEHILL. SANITARIUM.

parts by a corridor 9 feet 2 inches broad and 98 feet long, or including the passage from the old building, 127 feet in total length. Broad stairways rise from the basement to third floor at both extremities of the building.

The basement contains, on the south side, kitchen and pantry, with lit, store closet, janitor's sitting room and bed room, servants' dining room, and a gymnasium 48 feet long and 27 feet broad, with lavatory and closet.

The kitchen furniture includes an eight-foot Prowse's cooking range, supplied with a capacious boiler and every convenience for providing with economy in food, fuel and service, one hundred and twenty inmates. Communication with the kitchen department is assisted by speaking tubes and electric bells from the first and second floors.

The gymnasium will further serve as a recreation room, and an aid to physical training. Being provided with a piano and a well planned floor, calisthenic exercises may also be gracefully varied after evening lessons are learned, and on appropriate occasions.

Access is obtained to the gymnasium from the main hall by a special stairway. There is also communication through the basement corridor, and a doorway beneath the veranda gives access to the grounds.

On the north side of the basement is a large fuel and boiler room, servants' lavatory, bath room and closet, and two capacious store rooms.

The lower floor of the two storied gallery joining the old and new buildings is used for a boot and cloak room, and is provided with a range of hot water pipes to dry shoes, cloaks, etc., when occasions occur.

On the first or ground floor is the dining room, 36 feet 2 inches by 38 feet 8 inches, adjoining which is the serving pantry, carving room, lit and stairway from the kitchen. Then follows the visitors' room, 17 feet 8 inches by 14 feet 8 inches, with one door leading from the central corridor and one from the main entrance hall. This hall is 18 feet long by 10 feet 2 inches broad, being further enlarged by a vestibule 11 feet 8 inches wide and four feet two inches deep.

The dining room will seat 120 persons. The floor is of southern pitch pine; the ceiling panelled in compartments six feet square, constructed of native spruce with deep mouldings of the same material, and finished with transparent varnish. The wainscoting 3 feet 6 inches high of like material is similarly finished.

The main entrance is approached by fourteen steps from the central road through the property, and is 210 feet from the entrance gate. On the right of the main entrance hall is the lady principal's drawing-room, 20 feet by 17 feet 8 inches. At the extremity of the corridor is the board room, 16 feet by 9 feet 2 inches. Adjoining is a small store room and "safety lift" to the third floor. Opposite the main entrance is the east staircase, beneath which is the passage and stairway to the gymnasium. At the west end of the corridor is the west staircase continued from basement to third floor. Between the east staircase and the west extremity of the building on the north side are four class rooms, three being 17 feet 10 inches by 17 feet 8 inches, and one 20 feet 6 inches by 14 feet 3 inches.

The large window at the western extremity of the corridors is of tinted cathedral glass, with margins of variously colored glass. The stair windows opposite the main entrance hall are similarly decorated. The vestibule door, together with the side and fan lights are embellished with a device and motto—the Star of the school and its legend FIDELITER.



Each corridor is provided with an open fireplace for ventilation and comfort, and for convenience, with two capacious linen presses. The entire length of each corridor is covered with a three foot broad stripe of Napier matting, so that when lighted with the electric lamps at night,

columns are fitted with four inch cores passing through the girders, each column resting on the plate of the column below, to the foundation. This arrangement gives rigidity to the floors of the large rooms, preventing vibration. Painted olive green, with the mouldings gilt, they are both ornamental and useful.

The whole structure is very strongly put together, and exposed as it is, very little, if any, vibration is felt in the interior, even in a gale of wind.

The architect is Mr. Damersq. of Halifax, who has spared no pains in all those important details which make a building attractive, comfortable and serviceable.

The old school building contains twenty rooms, besides closets, store rooms, bath-room and frost-proof cellars. The two buildings together embrace 55 rooms, with a proper proportion of bath-rooms, store rooms, closets and cellars.

To this accommodation must be added the school book-room and the cloak room, into which the broad passages connecting the two buildings have been converted. The well-warmed and cheerful corridors are a valuable feature in the new building. They give air, space, and a sense of domestic comfort. Leading to the capacious and tastefully lighted stair-ways they serve their purpose well in the economies of a large scholastic establishment.

The Furniture. The "Cubicals" or "Alcoves," 48 in number, in the large dormitories of the new building, have each a surface area of about 60 square feet. The partitions are six feet six inches high, of matched spruce, varnished; the rooms, it will be remembered, are twelve feet in altitude. There are three rows of Alcoves in the south dormitories, with a passage four feet six inches broad between the rows. On the north side of the building there are only two rows of Alcoves, with a passage way of like dimensions. In each Alcove is an iron bedstead with a strip of Brussels car-



LOWER TENNIS COURT. OLD BUILDING. NEW BUILDING. CHURCH SCHOOL FOR GIRLS, WINDSOR, N. S. VIEW LOOKING EAST, FROM THE LOWER TENNIS COURTS.

or enlivened by the stained glass windows at the stair ways in the day time, the open fires give to them in freezing weather, an air of comfort and cheerfulness which has a potent effect on the spirits of the inmates. A uniform warmth throughout is maintained by large radiators at each extremity of the corridors, these, being properly distributed, draughts are prevented.

The building as a whole contains 35 rooms, 8 bath rooms, 9 lavatory closets, 2 sink closets, etc., in closed compartments, 2 small store closets 10 by 8 feet, a "safety lift" from basement to roof, two broad stairways from basement to third floor, and a corridor on each flat 98 feet long by 8 feet 2 inches broad. Each corridor as already stated is warmed, enlivened

portico over the main entrance. The roadway to the rear of the building is lighted with an electric lamp similar to the Windsor street lamps.

The building is warmed throughout in accordance with plans and specifications furnished by James H. Dow, Esq., of Halifax, the work being executed by Mr. F. F. Murphy, of Windsor. The water is heated in the furnace room situated in the basement, by means of a brick set Cornish boiler made of three-eight inch iron, 11 feet long and 4 feet 6 inches in diameter. The heated water is supplied to the various coils and radiators through a five-inch supply pipe, which passes direct to near the ceiling of the uppermost rooms. The distribution is so arranged that one or both

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