

The New Asylum for Insane Persons.

It was proposed that the new Asylum for Insane Persons, the building of which is now completed, should be formally opened by the Princess Louise; and in view of the opening ceremony, our Reporter visited the building and took some notes which are here extended.

SITUATION.

The Asylum is situated on the north bank of the Hillsborough River. It is near to the old "Falconwood House," once the seat of John Grubbe, Esquire—later, the residence of Sir John McDonald while he remained, an invalid, upon the Island—now crumbling to decay. From its site the land slopes gradually to the water's edge; and ere long a beautiful lawn or garden with smooth sward or fragrant flowers will take the place of the bricks, sand and other debris now strewn confusedly about the grounds. In the background, birch, beech, maple and evergreens, cover an area about thirty acres in extent; and will give shelter in winter, while affording excellent material for shady avenues for summer shade. To the left are the fields and steadings of the Model Farm. The Asylum is about three miles distant from Charlottetown.

GENERAL DESCRIPTION.

The Asylum is of brick—in the Domestic Gothic style. It consists of an "administration building," with a "wing for patients" extending westwardly from it; and provision has been made for the extension east of another wing, should it be required. The length of the "administration building" from the coal shed in the rear to the front door facing the river, is 212 feet 6 inches. Its width in front is 51 feet 10 inches. The "patients' wing" extends from the administration building westwardly a distance of 220 feet 3 inches. Its width at the extreme end is 58 feet 6 inches. In the centre, which is narrower, its width is thirty-nine feet. Semi-detached from the rear of the wing is a building in which are bath rooms, water closets, etc. This building extends from the wing a distance of 31 feet, and is 26 feet wide. The height of the "administration building" from the foundation to the roof, is 60 feet, while the tower rises to a distance of 104 feet, and commands a fine view of the rivers, fields, woods, towns and farmsteads of the park-like country adjacent.

"THE PATIENTS' APARTMENTS."

These are so placed that at some time of the day each is visited by the cheering curative light of the sun. There are three flats—each traversed by a corridor extending the whole length of the patients' wing. Each flat contains two wards, and each ward contains seven single rooms for patients, a general room, called "a day room," a dining room, pantry and nurse's room, besides closets, etc. The wards are divided by iron doors. The rooms are eleven feet in height. Light is admitted to them by means of narrow panes of Chances No. 1 glass, set in substantial sashes. The ingenious mode of securing the other essentials of warmth, water and ventilation is described further on. A stair at the end of each ward connects the different flats from basement to attic. The whole basement of the wing is taken up by heating apparatus.

THE HOSPITAL.

is at the top of the extreme west of the "Patients' wing." It is a large room, (28 x 32 feet), completely isolated from other apartments, fitted up and supplied with modern conveniences. Adjoining it are nurses' rooms, dining rooms, closets, etc.

ADMINISTRATION BUILDING.

This building contains apartments for the physician, the engineer, the manager, with their respective families. In its basement is the boiler room, wash-room, hot and cold water apparatus, store rooms, etc. Entering by the front door and turning to the left, we come the physicians' rooms—the dispensary and private room. To the right is the visitors' reception room and the Commissioners' "board room." Further on is a corridor, leading to the manager's dining-room, laundry and kitchen, bordered on each side by store-rooms. From this corridor there rises a grand winding stairway leading to the several floors. The first floor contains the physician's private apartments, the Chapel and rooms for the engineer and servants. On the second floor are four airy, well-lit rooms for the use of "paying patients"—supplied specially with bath-rooms, water closets, etc. And in the attic are four rooms for second-class paying patients. In the building provision is made for baking the bread and making the gas used in the institution. The Administration building is semi detached from the patients' apartments—the connections being made by long corridors.

STEAM HEATING APPARATUS.

The building is heated by steam on the most approved "indirect" principle. All the radiators, with the exception of those in the main halls, being placed in small brick cells in the basement, each directly under, and connected with, the room it is designed to warm by an air duct or flue, built in the inside partition wall.

The air being heated in its passage through the radiators below, passes up through these ducts to the rooms above, expelling the colder vitiated air (through ventilating flues), thus not only warming the building, but ensuring perfect ventilation at the same time. Rooms heated in this manner are entirely free from that close, stifling, oppressive atmosphere peculiar to those heated by the "direct" system, where the radiators or heaters are placed within the rooms to be warmed. The steam is

supplied by two large tubular boilers, of thirty and fifty horse-power respectively, placed in a fire-proof boiler house at the rear of the main building. The smaller one is intended for summer use, and the larger one, or both together as occasion requires, is to be used in winter. These boilers are fitted with all the modern appliances for convenience and safety, including Automatic Low Water Alarm Apparatus, Steam and Water Gauges, &c. Two powerful steam pumps are provided, for pumping water from the wells, feeding boilers, &c., and can be used in case of fire. These pumps are placed in the engine room (conveniently near the boilers), where also is placed the heater for supplying hot water to the baths, basins, sinks, etc., throughout the building.

LAUNDRY APPLIANCES.

Directly over the engine room, fitted with coils of steam pipe and sliding frames, is the laundry dry-room. There are six other smaller drying closets in the wing—one conveniently near each bath room—supplied with heat from steam radiators in the basement, the hot air ascending through perforated iron floors.

THE HEATING APPARATUS.

was in operation last winter and spring while the building was being plastered, and gave entire satisfaction, both as to efficiency and economy of fuel. When tested there was found to be a perfect circulation of steam through all the radiators, with less than one pound pressure per square inch.

THE WATER SUPPLY.

The Building is supplied with water from two large wells at the rear of the building, by means of two steam pumps which force it up into iron tanks in the top of the building—one in the tower and the other in the W. C. wing. These tanks will contain each fifteen hundred gallons of water, and are connected by pipes with all the plumbing fixtures throughout the building. The two wells from which the water is drawn supply about 57,600 gallons in twenty-four hours—a supply more than ample. The water is of the best quality.

DINING ROOMS.

There are eight dining rooms, each having its pantry, fitted with sink supplied with hot and cold water from self-closing nickel-plated taps—marble top carving tables with closets beneath them heated by a steam coil for warming plates, &c., and an elevator leading from the basement to the four different floors.

BATH ROOMS, ETC.

In a wing jutting out from the main wing are six bath rooms, two on each floor, fitted with cast iron "Hospital" bath tubs and enamelled wash basins supplied with hot and cold water.

There are four water-closets on each floor for the use of patients, all arranged, like the baths and basins, around a central brick ventilating shaft. Inside this shaft are placed steam pipes, hot and cold water pipes, water and soil pipes.

All the fixtures are trapped and ventilated, and provision is made for thorough flushing with water. Taps are placed in the leading pipes in the basement to shut off the water from any part of the building, in case of accident to pipes, without interfering with any other part.

Water can be drawn from either tank to any part of the building, or can be pumped directly to any of the plumbing fixtures without using the tanks.

MODERN CONVENIENCES.

The main or administration building is liberally provided with all the modern conveniences in the plumbing line, including water closets on the several floors and in the basement. Wash basins and baths, and a handsome corner bowl and marble slab in the doctor's dispensary, all fitted with nickel plated self-closing taps, and supplied with hot and cold water. The hot water is taken from the top of the steam heater in pipes, which lead to all parts of the building where hot water is required; and circulation is kept up by means of return pipes connected with the bottom of heater, like veins and arteries, the heater being the heart or motive power.

There have been used thirty-two thousand six hundred (32,600) feet, or more than six miles of steam and water pipe in the building—including the radiators. Only the best workmen have been employed, and the names of Mr. J. T. Gilchrist, engineer, and Mr. E. J. Trenwith, master plumber, are a sufficient guarantee to ensure the best workmanship.

VENTILATION.

Thorough ventilation has been secured by the use of five large brick ventilating shafts, running up through the building like huge chimneys, each capped with a large galvanized iron "Emerson patent" ventilator. Inside these shafts are placed large steam coils or radiators, for producing the heat necessary to create draught. Into these shafts are led large galvanized iron pipes, having branches connecting with all the ventilating flues leading from the rooms and corridors, and into which are turned the ventilation pipes from the different plumbing fixtures.

THE CONTRACTORS.

for the steam heating apparatus, inside plumbing and ventilating, iron doors, &c., are the Burrell-Johnson Iron Co., Limited, of Yarmouth, N. S., and the work has been done under the personal supervision of Mr. G. W. Johnson of that Company.

It is hardly necessary to state that Messrs. McIntosh & Dewar are the contractors for the erection of the building. Their names came very prominently out in the investigation into the Asylum foundation. That weakness was remedied; and good impartial judges inform us that the work has been finished in such a way as to reflect credit upon them and to give satisfaction to the architects and the Government.

THE ARCHITECTS.

Messrs Sterling & Harris of this city are the architects. Their plans were selected as the best from among the large number

of others, by a gentleman conversant with first-class Asylums in the United States.

THE COST.

The cost of the Asylum as it stands, together with coal shed, etc. (now under contract) is about \$100,000.

CITY SCHOOLS!

THE CITY SCHOOLS WILL BE RE-OPENED after the Midsummer Holidays, On Monday, August 25th, inst., at 9 o'clock, a. m.

Pupils from East Kent Street, Scott's Hall, Trainor's Building, Spring Park, and Grafton Street Schools will attend the new West Kent Street School.

Pupils belonging to other Schools will assemble at their respective rooms as usual.

By order of the City School Board, I-AAC OXENHAM, Secretary.

Mortgage Sale.

TO be sold by PUBLIC AUCTION, on FRIDAY, the Twenty-sixth day of SEPTEMBER, next, A. D. 1879, at the Court House, Charlottetown, in Queen's County, at the hour of twelve o'clock, noon, under and by virtue of a power of Sale contained in an Indenture of Mortgage bearing date the eighteenth day of January A. D. 1877, made between Murdoch McLeod and Christy McLeod, his wife, of the one part, and Daniel Hodgson, of the other part:—

ALL that piece or parcel of land situate, lying and being on Lot or Township Number Fifty-eight, bounded as follows, that is to say: Commencing on the north edge of the Colville Road, at the south east angle of farm lot number two hundred and eighty two, now in possession of George Bell, thence (according to the magnetic meridian of the year 1764) running north for the distance of seventy five chains, thence east six chains and sixty six links, thence south seventy-five chains to said road, thence following the course of the said road west to the place of commencement, containing fifty acres of land, a little more or less. Also—All that other tract, piece or parcel of land, situate lying and being on the said lot or Township number fifty eight, commencing on the north side of Colville Road, at the southern angle of land in possession of Allan Buchanan, thence north to the rear line of farms fronting on the Montague Road, thence east ten chains, thence south to the first mentioned road, thence along the said road to the place of commencement, containing an area of seventy-five acres of land, a little more or less, together with all rights, members and appurtenances thereto belonging.

For further particulars apply to Messrs. Hodgson & McLeod, Solicitors, Charlottetown.

Dated this Twentieth day of August, A. D. 1879.

D. HODGSON, Mortgagee.

Aug. 20, 79. oaw—wed

AUCTION!

VALUABLE PROPERTY For Sale in Charlottetown and Common.

To be sold by Public Auction (if not previously disposed of by private sale), on FRIDAY, the 15th SEPTEMBER next, at 12 o'clock, noon, at the Court House in Charlottetown, the following valuable properties:—

(1st) All that tract, piece or parcel of land, situate, lying and being in the Common of Charlottetown, bounded and described as follows—that is to say: Commencing at the north edge of the Back Brighton Road at the west boundary of Lot number eight (8); thence following the course thereof northwardly for the distance of five (5) chains and ninety-four (94) links, or until it meets the south boundary of Common Lot number two (2); thence following the course of the same westwardly one chain and sixty-eight links; thence by a right angle therewith running southwardly to the said road; thence following the course of the said road eastwardly one chain and sixty-eight links to the place of commencement, containing one acre of land, a little more or less, being plot number nine (9), in Common Lot number one, in the Common of Charlottetown, as defined in the plan of the late Samuel Mitchell's estate at Brighton, aforesaid, reference being thereunto had will fully appear.

(2) Also, all that tract, piece or parcel of land situate, lying and being in Charlottetown, aforesaid, being part and parcel of town lot number seventy-four (74) in the first hundred of town lots in Charlottetown, fronting on Dorchester street, and is abutted and bounded as follows, that is to say: Commencing on the north side of said street at the division line between said town Lot number seventy-four (74), and town lot number seventy-three (73) and thence along the said line at right angles to the rear of land occupied by Daniel Brennan, Esquire, thence northeastwardly along said line a distance of sixty-seven (67) feet, thence by a line parallel to the division line between said town lots number seventy-three (73) and seventy-four (74), eighty (80) feet to Dorchester street, aforesaid, thence along said street southwestwardly to the place of commencement.

(3rd.) Also, five-eighths undivided equal parts, in ALL that piece or parcel of land being part of Town Lot number seventy-three in the first hundred of Town Lots in Charlottetown aforesaid, commencing at the corner of Town Lots numbers seventy-three and seventy-four, and running along Dorchester Street until it meets Queen Street, eighty-four feet thence north along said Queen Street fifty-seven feet ten inches; thence north and east by a line parallel to Dorchester Street aforesaid thirty eight feet, thence north by a line parallel to Queen Street, aforesaid, eighteen feet, thence north and east by a line parallel to Dorchester Street, aforesaid, forty six feet, or to the line dividing said town lots numbers seventy three and seventy-four, and thence following said line to the place of commencement on Dorchester Street, aforesaid.

For further particulars of title and all information, apply to Messrs. Hodgson & McLeod, Solicitors, Charlottetown.

Dated this 20th day of August, 1879.

JAMES MALCOLM. Aug 20, 1879

"Encourage Home Manufactories."

CITY STEAM BAKERY.

THE Proprietor of this Establishment, after having fitted up his premises with the newest machinery, etc. is now prepared to supply the citizens of Charlottetown, and the inhabitants of the whole Island, with all kinds of Bread, Crackers, Biscuits, Confectionery Cakes, Pastry, etc., Cheaper than ever. He warrants all goods manufactured by him to be of the purest nature, and always fresh.

Picnics and Tea Parties Supplied at the Shortest Notice. Orders from the Country Promptly Attended to.

WEDDING CAKES! MADE TO ORDER, ALL SIZES AND DESIGNS.

All Biscuits and Crackers put up in boxes or barrels, without extra charge; and are always fresh, not being over a week old when delivered, which is a great advantage to customers, as imported Crackers (very often) are not fresh when brought here by importers. The following is a list of Crackers and Biscuits always on hand:

BISCUITS, CRACKERS, ETC.		FANCY BISCUITS.	
SODA BISCUIT,	in boxes	ORANGE CRACKERS,	in boxes,
WINE " "	" "	LEMON " "	" "
FRUIT " "	" "	ALMOND " "	" "
COFFEE " "	" "	FILBERTS " "	" "
TEA " "	" "	QUEEN " "	" "
DYSPEPSIA " "	" "	WASHINGTON " "	" "
WINE CRACKERS,	" "	FINGERS " "	" "
BUTTER " "	" "	JUMBLES " "	" "
SUGAR " "	" "	GINGER SNAPS,	" "
MILK " "	" "	LEMON " "	" "
WATER " "	" "	JENNY LINDS,	" "
MEDFORD " "	" "	CORNHILLS,	" "
OYSTER " "	" "	CRACKNELLS,	" "
SEED SUGAR CAKES,	" "	MACCAROONS,	" "
GINGER BREAD,	" "		
CINNAMON BISCUIT,	" "		
ABERNETHY	" "		

A Large Supply of Pilot Bread Kept in Stock, Such as: FAMILY PILOT, BOSTON " " NO. 1 PILOT, THIN CAPTAINS PILOT, NAVY BREAD, NO. 2 PILOT, NO. 2 PILOT.

DOMESTIC BREAD A SPECIALTY, Being hot from the Ovens daily. Also French Rolls, "Parker House Rolls," "Bath Buns," "London Buns," "French Twists," etc.

PASTRY AND CAKES.

Fruit Pound Cake, Plain do. do., Sultania Plain do., Maderia do. do., Sponge Cake, Cup Cake. Ornamental Wedding, with Almond Frosting, any size from 5 lbs. Upwards.

August 5, 1879.

J. B. MacDonald HAS JUST RECEIVED

- 3 Cases Gents' American Felt Hats
  - 1 CASE GENTS' STRAW & CHIP HATS,
  - 30 Dozen Gents' White & Coloured Shirts,
  - 50 DOZ. GENTS' LINEN COLLARS (New Styles)
  - 2 Cases Gents' Paper Collars,
  - 25 DOZ. GENTS' MERINO & COTTON HOSE,
  - 2 CASES NEW PRINTS,
  - 2 CASES NEW WHITE COTTONS,
  - 50 Dozen Women's & Children's Cotton & Merino Hose.
- WILL BE SOLD AT THE LOWEST PRICES.
- J. B. MACDONALD.
- Queen Street, Charlottetown, June 26, 1879 -her

OIL PAINTINGS, BOOKS, MUSIC, Spring Park Brewery FANCY GOODS. AT AUCTION.

THE SUBSCRIBER will sell on THURSDAY, the 21st inst., at the QUEEN STREET AUCTION ROOMS, AT 3 O'CLOCK, P. M.

Oil Paintings, Books, Sheet Music, Matches, Merchaum Pipes, Cigar Holders, Cigars, &c., &c., &c.

W. D. STEWART, Auctioneer. Ch'town, Aug. 19, 1879.—2i

MATCHES.

Chase's Halifax Matches! Superior to any in the Market at Reduced Prices.

IN STORE, 30 cases, 25 boxes. Wholesale buyers supplied direct from the Factory at Special rates. Orders solicited. FENTON T. NEWBERRY & CO., Agents for P. E. Island. Aug. 18, 1879—pat sj her 3i

I AM instructed to sell at Public Auction, on Friday, the 22nd instant.

In front of the Court House, at 12 o'clock, noon, all that valuable property known as the Spring Park Brewery, consisting of a

Complete Plant for Brewing, Together with a large Shop, Dwelling House, and outhouse.

Terms at Sale. W. D. STEWART, Auct. r. Ch'town, Aug. 19, 79. til sale

BOSTON STEAMERS CARROLL AND WORCESTER

Passage Rate Reduced to \$8. CARVELL BROS., Agents. Ch'town, Aug. 1879—In cod par' ar 1m