

DOCUMENTS

OF THE

Ninety-Ninth Session

OF THE

LEGISLATURE OF NEW JERSEY,

AND THIRTY-FIRST UNDER THE NEW CONSTITUTION.

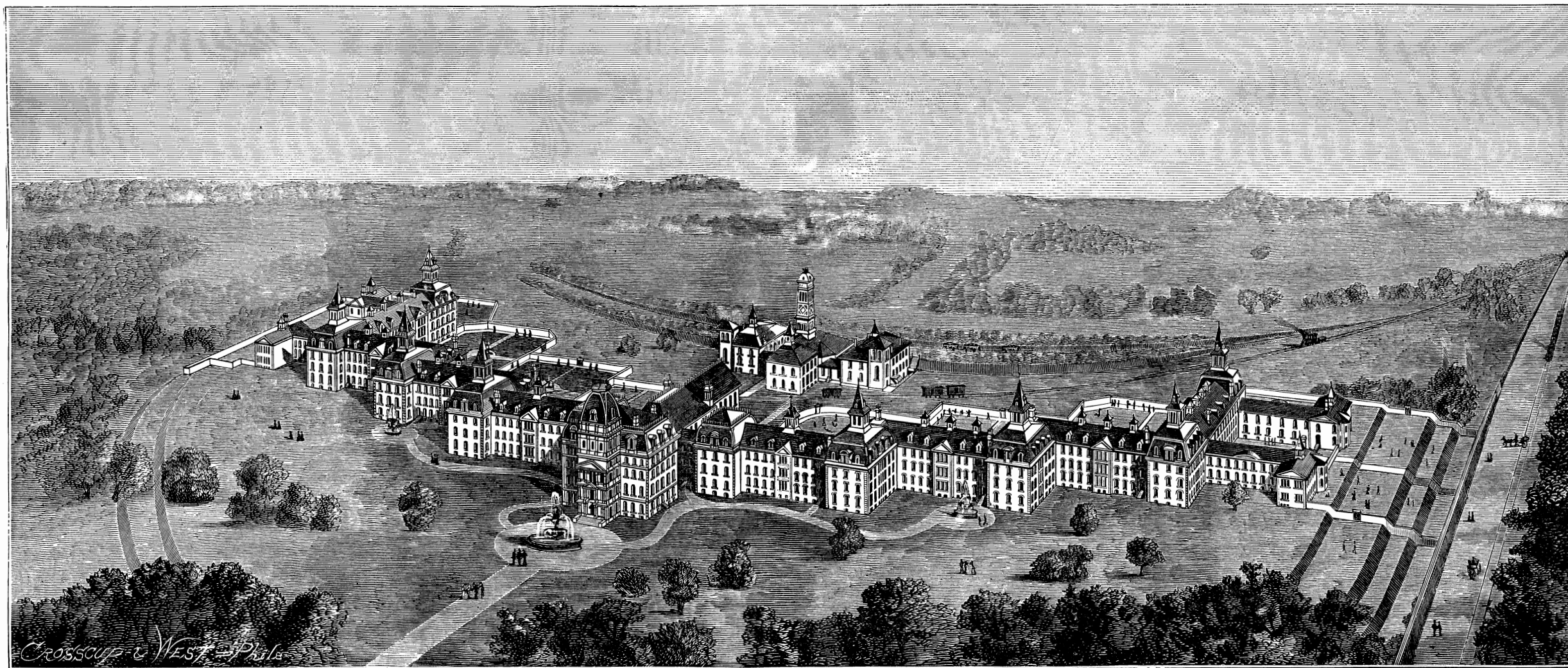


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1875.



STATE ASYLUM FOR THE INSANE, AT MORRISTOWN, N. J.

(PERSPECTIVE VIEW.)



STATE ASYLUM FOR THE INSANE, AT MORRISTOWN, N. J.

(BIRD'S-EYE VIEW.)

DOCUMENT No. 6.

REPORT OF THE COMMISSIONERS

TO

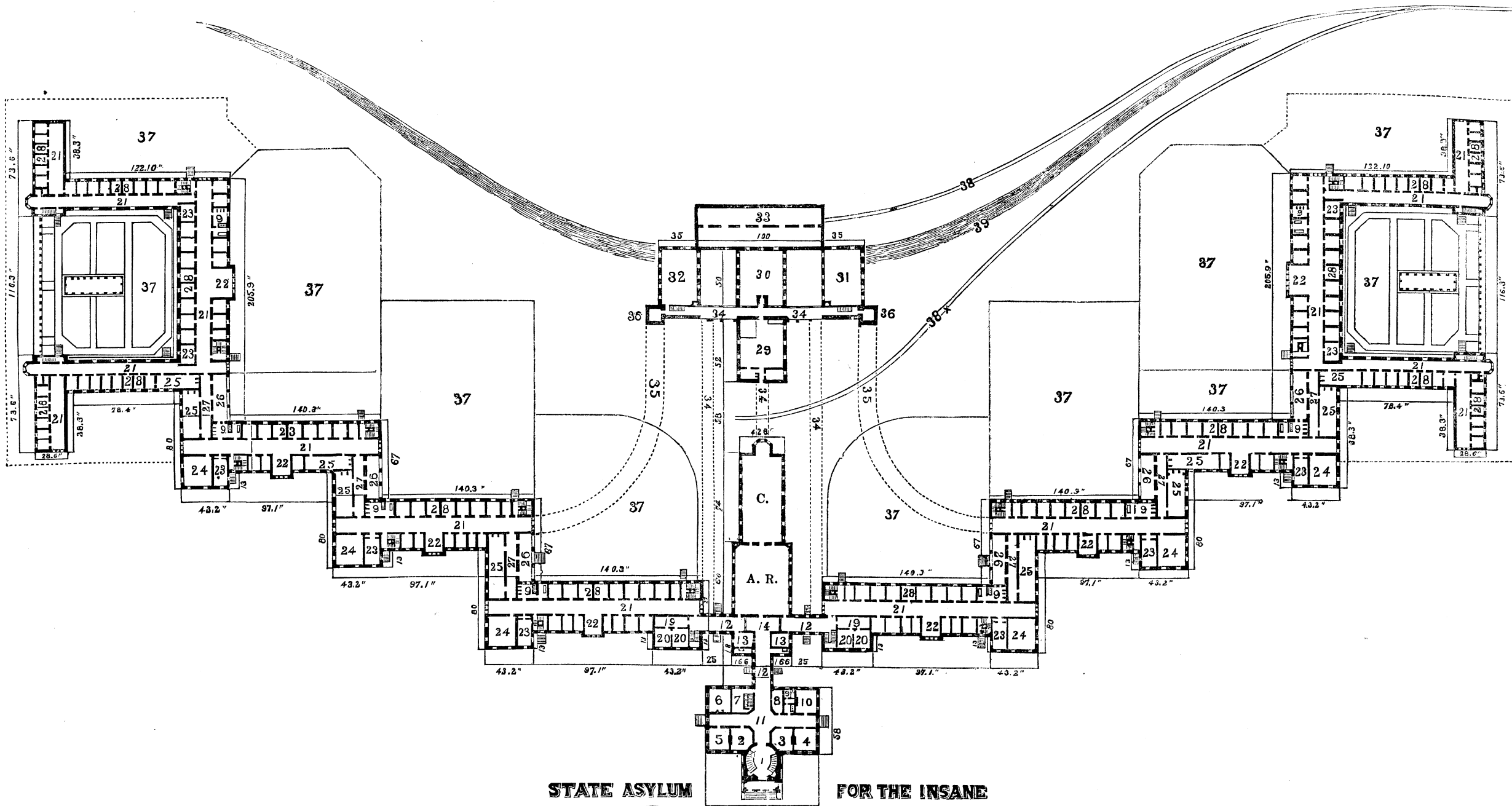
Select a Site and Build an Asylum

FOR THE INSANE

OF THE

STATE OF NEW JERSEY.

DECEMBER 14th, 1875.



STATE ASYLUM FOR THE INSANE

MORRISTOWN, N.J.

REFERENCES TO THE PLAN.

PRINCIPAL (OR 2D) STORY.

1. Vestibule.
2. Steward's office.
3. Reception room.
4. Managers' room.
5. Physician's office.
6. Superintendent's private office.
7. Medical Library.
8. Store and coat room.
9. Lavatories.
10. Spare chamber.
11. Main corridor.
12. Fire-proof connection.
13. Parlors for visitors to patients.
14. Main connecting corridor.
- 15, 16, 17, 18. Rooms in rear centre, (1st and 2d stories.)
- A. R. Amusement room, (3d story.)
- C. Chapel, " "
19. Private passages.
20. Apartments for private or sick patients.
21. Corridors in wards.
22. Alcoves in corridors.
23. Attendants' rooms.
24. Ward parlors.
25. Ward dining rooms.
26. Enclosed galleries for exercise.
27. Connecting passages.
28. Dormitories for patients.
29. Bake house.
30. Boiler house.
31. Machine and work shop.
32. Laundry.
33. Coal vault.
34. Underground passages.
35. Cold air ducts.
36. Fan rooms.
37. Exercise yards for patients.
38. Railroad to coal vaults.
- 38x. Railroad for general supplies.
39. Terrace.

REPORT.

To His Excellency the Governor, and the Legislature of the State of New Jersey.

The "Commissioners to select a site and build an asylum for the insane of this State" respectfully present the following annual report:

The last annual report of the Commissioners, and the accompanying documents thereto annexed, described the progress and condition of the work at the time of its date. The hope expressed then, that the whole of the wings and centre buildings would be roofed, sashed, and enclosed, before the close of the season, was happily realized, the slating on the front centre building being finished in time to protect it from damage by the elements during the winter. The boiler house, machine shops, laundry, &c., were also roofed in, and so far advanced as to permit the boilers to be set, early in the present season. The whole of the walls of the building have been pointed. Thus the entire exterior of the main building and wings, together with the boiler house, stack, &c., is finished, with the exception of the front portico.

It will be seen, by referring to the report of the architect hereto appended, that, during the present season, a large amount of work has been done. All the arches between the iron beams, for supporting the floors, have been put in; the concrete level with the floor, the deafening for the floors, where wooden beams are used, completed; and the whole building made ready for laying the floors. The concreting, plastering, and the foul air ducts in the cellars are nearly completed; and the tramway in the cellar is finished, so that but little remains to be done in the basement story.

The steam boilers, eight (8) in number, (contracts for which were made last year,) have been set; the steam pipes, together with the radiators for heating the various parts of the building, are all in place, and, as far as tried, work satisfactorily. The pipes for the conveyance of gas, water, &c., are nearly all completed, tested, and ready to

receive the fittings, as soon as required. To indicate the extent of this work, it may be proper to say, that between four thousand (4,000) and five thousand (5,000) radiators, and about three thousand (3,000) registers were required; and to heat, light, and distribute the water supply, from thirty thousand (30,000) to forty thousand (40,000) feet, or about eight (8) miles of iron pipe for gas, water, and steam, were used.

The stack which, at the date of the last report, was in a state of forwardness, has been completed; its draught is satisfactory; and, in its architecture, it is an ornamental rather than a repulsive feature of the establishment, as is usually the case where stacks are needed.

PLASTERING, &C.

Contracts were made early in the season with Robert S. Johnston, for plastering the entire building, for a specified sum, which, while just to the contractor, was, in the judgment of the Commissioners, highly beneficial to the State. This contract was made, after inviting bids from a number of firms engaged in like work, in different parts of this State. Under this contract, the plastering, amounting to about one hundred and sixty-three thousand (163,000) yards, or over thirty-three (33) acres, has been finished. The slate stairs, for which satisfactory contracts were made, are all up, and are approved by the Commissioners.

As soon as the progress of the plastering, &c., would admit, the heating apparatus was put in use, in order that the walls might be thoroughly dried before laying the floors and putting in the joiner work. The latter has progressed in a satisfactory manner.

All the floors in the left wing, most of those in the centre building, and a considerable portion in the right wing, are already down.

Many of the inner doors are hung, and the whole of the joiner work is in such a state of forwardness as to warrant the assurance that the whole will be ready for use at an early day.

The carpentry and joiner work has been under the immediate direction of Mr. Joseph J. Meeker, of the firm of Meeker & Hedden, extensive builders, &c., at Newark, N. J., and its execution reflects great credit on his skill and fidelity.

In this branch of the work, upwards of two thousand (2,000) doors, two thousand five hundred (2,500) windows, between three hundred thousand (300,000) and four hundred thousand (400,000) square feet, or nearly eight (8) acres, of floors; seventy thousand (70,000) feet, or over thirteen (13) miles of base board, with every other branch of carpentry in full proportions, in addition to the items named, have been required.

Contracts have been made for the engines, fans, shafting, &c., and

the whole work is in such a state of forwardness as to warrant the belief that a short time will suffice for its completion.

GAS WORKS.

The gas works are being constructed under the immediate charge of Mr. William Farmer, Civil Engineer, of the city of Elizabeth, in this State, who has had a large experience in the erection of gas works. All the plans, drawings, and specifications for the buildings, appurtenances, and machinery, have been prepared by him, as well as the contracts under which the work—which is of the most approved and best kind—is now progressing.

These contracts, made with different parties, for the various branches of work required, are upon terms favorable to the State.

Much outside work, as hereinafter referred to, will be required to be done in the future. The grading of the grounds, which has only progressed immediately around the buildings, will have to be finished. That portion to be appropriated to lawns, drives, walks, &c., must be properly enclosed, in order to render them private for the use of the inmates of the institution, and to prevent intrusion from without, as well as escape from within. Provision must also be made for carrying off and disposing of the sewerage.

Barns, stables, carriage houses, ice houses, slaughter houses, and other buildings, as hereinafter referred to, will be needed, and the whole of the farm so improved by fences, ditches, &c., as will render it what it should be—profitable to the State, and attractive to her citizens.

In the month of March last, Franklin F. Westcott, Esq., one of the Commissioners, departed this life, thus depriving the Board of one of its most valued and valuable members, and the State of a just citizen, a safe counsellor and patriot. His loss was deeply deplored by the Commissioners, and lamented by a large circle of relatives, friends, and fellow citizens.

The position, thus made vacant, was filled by the appointment by your Excellency, and confirmed by the Senate, of Mr. John S. Read, of Camden, who took his seat in the Board, on the sixth day of April, where he was cordially welcomed by the Commissioners.

On the sixth day of March last, owing to his having accepted the appointment of "Commissioner of Public Works of the City of New York," General Fitz John Porter resigned his position of Superintendent of Construction, &c., the duties of which he had faithfully and efficiently performed, from the commencement of the work. The Commissioners accepted the resignation of Gen. Porter with regret, feeling that their labors had been much lightened by his care, skill, and fidelity in the discharge of his duties.

The Commissioners were fortunate in securing the services of Mr.

Sylvester H. Moore, of Newark, N. J., as the successor of Gen. Porter. Mr. Moore brought to his duties the benefit of enlarged practical experience in the superintending of the erection of public buildings, and great good judgment and industry. On the twenty-sixth day of October last, Mr. Moore, after a few days' illness, was stricken by death. The Commissioners were thus deprived of a faithful and efficient officer, whose loss they sincerely deplore.

The Commissioners have also to record, with regret, the death of Mr. Wm. W. Pollard, who had been superintendent in charge of the masonry from the commencement of the work, and to whose care and skill, faithfully exercised, much of the beauty and permanence of that part of the work is due.

The hauling of lumber and other materials for the buildings, and the grading of the grounds, &c., immediately around the same, have afforded employment for the teams belonging to the State, during a considerable portion of the past season. When not so employed, they have been used on the farm. With the exception of about fifteen (15) acres broken up for buckwheat, no additional land has been cleared. The crops, the last season, were from about twelve (12) acres of rye, about sixteen (16) acres of corn, and about fourteen (14) acres of oats. There were also about thirty-three (33) tons of hay. These crops have been carefully gathered and cared for, and such as were not sold, have been and will be consumed by the stock belonging to the State—consisting of three (3) yoke of oxen and one pair of mules, two 2-horse teams, three (3) horses used in carts and for hacking, and two (2) pair of horses used for the omnibus. The work in the garden, which contains about thirty (30) acres, has been steadily pushed forward, by the preparing and planting of asparagus beds, rhubarb-plant beds, blackberries, raspberries, and currants—about one (1) acre each. The other portions have been cultivated in various kinds of vegetables, for the purpose of preparing the ground for kitchen-garden purposes.

MEDICAL SUPERINTENDENT.

The Commissioners felt that they had a very important duty imposed upon them by the act passed at the last session of the Legislature, constituting them Managers of the Asylum, with all the powers, duties, and restrictions as are imposed on the Managers of the New Jersey State Lunatic Asylum. Amongst the most important of these duties, *if not the most important of them all*, was the selection of a Medical Superintendent.

A large number of names were presented, for their consideration, for this position, all of which received that careful attention the magnitude of the subject demanded.

After all the information had been obtained, and after the most earnest deliberation, the position, on the sixteenth day of June last, was tendered to Dr. Horace A. Buttolph, the Superintendent of the New Jersey State Lunatic Asylum, and was accepted by him on the twenty-third of the same month.

The acceptance of the position by Dr. Buttolph—a position neither sought nor desired by him, but strongly urged upon him—was such as to reflect the highest honor upon him. The appointment and acceptance were most reluctantly acquiesced in by the managers of the institution, over which Dr. Buttolph has so successfully presided, since its opening in 1848. By the terms of his acceptance, he is to receive no salary or other pay for his services at the new Asylum, except his necessary travelling expenses, until he severs his connection with the old Asylum, and removes to the new one.

The Commissioners, since his appointment, have availed themselves of the great experience, practical skill, and rare good judgment of Dr. Buttolph in carrying out to completion the details of the various portions of the institution; and they here most cheerfully acknowledge the great assistance thus afforded.

The cash on hand, at the end of the fiscal year, with the balance remaining of the unused appropriations, will nearly accomplish all that the Commissioners proposed to your Excellency and the legislative committees at the last session of the Legislature, to do during the present year. The deficiency, while not large, when the magnitude of the work is considered, has been increased, in consequence of outlays for grading, sewerage, and some other matters, which were not contemplated to be paid for out of the last appropriation, but which were necessary for the protection of the buildings and the future good of the property. A considerable sum has also been taken from the amount appropriated, in the payment of interest on loans, and for the extension of time upon contracts for iron beams and pipes, copper, and other articles purchased at cash prices. These payments of interest make up a very large part of the deficit.

As is hereinbefore stated, the building and its appurtenances are so far advanced towards completion as to confirm the Commissioners in the belief that the Asylum can be ready for the reception of patients in the month of June next; but, to effect this object, they must respectfully ask from the State additional appropriations.

Out-buildings are required, viz.: barns, stables, carriage houses, sheds, ice and slaughter houses, two or more inexpensive small houses for employees, furniture for the Asylum buildings, including gas fixtures, iron guards for all the windows, covering of the steam pipes with felt, or other non-conducting material, steam coils for the venti-

lating flues, flagging out and inside the buildings, cast iron pipes to convey the gas from the gas works to the buildings, fencing of yards for the patients to exercise in, with sheds for their protection from the weather, and fencing of the farm and grounds in general. Arrangements will also be necessary to utilize the sewerage, and to protect the streams in the neighborhood of the Asylum from pollution. The present reservoir, when made, was constructed for temporary use. It needs now to be enlarged, so as to provide an ample supply of water, in case of any prolonged or sudden contingency. The grading of the grounds will require a considerable outlay; this work should be done early in the spring. The railroad will have to be put in good order, and many other items, which can hardly be enumerated in detail, with unforeseen contingencies, have to be met. To provide for the above, and for deficiencies which may happen in the finishing of the work now under way, will require the sum of two hundred and fifty thousand dollars (\$250,000.)

The Commissioners believe, that an appropriation for the amount above stated, with the balance remaining undrawn of those heretofore made, will complete the work, the performance of which has been entrusted to them by the State.

This latter sum, added to the amount of all the previous appropriations, will make the total cost of the Asylum buildings, the bakery, the heating, ventilating, and cooking apparatus, engines, boilers, machinery, furniture, &c., &c., with four hundred and thirty (430) acres of land, two and one-quarter ($2\frac{1}{4}$) miles of railroad, gas works, water works, &c., &c., two million two hundred and fifty thousand dollars, (\$2,250,000). Embraced in this sum is also the cost of the construction of one and three-quarter ($1\frac{3}{4}$) miles of new carriage road, to take the place of the old road, which was taken up, and which passed over a part of the present site of the Asylum buildings.

The Commissioners would also respectfully request from the Legislature, that an appropriation be made of fifty thousand dollars (\$50,000), to defray the expenses of carrying on the Asylum, the next year. During the first three or six months after its opening, while large expenditures are to be made for the support and maintenance of the institution, as well as to pay the salaries of its officers and attendants, very little can be collected for the care of patients. It may, however, be reasonably expected, that the institution, when established, will need less aid from the State.

The contracts for, and purchase of materials, and the contracts for work outside the general contracts, are made and paid for with great care. The following is the mode: Any work required, or material needed, is reported to the Commissioners, and its necessity and details

passed upon and agreed to by them. Contracts, if necessary for the work, and purchases by contract or otherwise, are made under their direction. The materials are inspected, when received, and their quantity and quality certified to by the inspector; the bills for them are referred to the Auditing Committee of the Board, and, if found correct, are so marked by them, when the Treasurer draws checks on the bank where the deposits are kept. These checks are all signed by the Commissioners, and no money can be drawn from the bank, or paid, without the signature of a majority of the Commissioners.

This system of purchase and payment has required, during the past fiscal year, the production of five hundred and eighty-seven (587) vouchers, and the drawing of five hundred and fifty-seven (557) checks to pay the same.

The receipts and disposition of the funds, placed at the disposal of the Commissioners, will appear from the following exhibit taken from the books of the Commissioners. They comprise the transactions during the fiscal year, commencing on the first day of November, eighteen hundred and seventy-four, and ending on the thirty-first day of October, eighteen hundred and seventy-five.

The details are carefully kept in the books of the Commissioners, and cover, as hereinbefore stated, five hundred and eighty-seven (587) vouchers and nearly as many checks, which are filed and deposited in the safe at the Asylum.

DR.

To cash on hand at date of last report.....	\$91,506 66
Received for sundry requisitions on Comptroller, Nos. 49 to 57, inclusive	600,526 39
Special loans made on Commissioners' notes. (Said notes were given by the Commissioners in their individual capacities:)	
Dec. 3d, 1874, by National Newark Banking Co.....	\$100,000 00
July 23d, 1875, by National Newark Banking Co.....	100,000 00
Oct. 20th, 1875, by National State Bank of Newark.....	100,000 00
	<hr/>
	\$300,000 00
From sales of produce, rents, &c.....	567 30
	<hr/>
	\$992,600 35

CR.

June 12th, 1875, by paid National Newark Banking Co.:	
Loan of October 7th, 1874.....	\$50,000 00
Interest on same.....	2,378 08
	<hr/>
	\$52,378 08
June 25th, 1875, by paid same bank:	
Loan of October 7th, 1874.....	\$50,000 00
Loan of December 3d, 1874.....	100,000 00
Interest on same.....	6,415 06
	<hr/>
	156,415 06

(The two loans of October 7th, 1874, is the one of \$100,000.00, named in the last report of the Commissioners.)

October 20th, 1875, by paid National State Bank of Newark, discount on loan.....	\$1,750 00
By paid interest on "Miller lot".....	210 00
By paid travelling and other necessary expenses of Commissioners in discharge of duties.....	1,407 36
By paid salaries, travelling and other necessary expenses of Architect, Superintendent, &c.....	11,158 80
By paid printing.....	883 94
By paid materials, work, freights, &c., expended on building and grounds.....	672,880 92
By paid insurance on buildings.....	682 50
By balance on hand, October 31st, 1875.....	94,833 69
	<hr/>
	\$992,600 35

The following statement shows the whole amount expended on the Asylum buildings and its appendages, from the time of the appointment of the Commissioners, up to November 1st, 1875, as taken from the annual reports made to the Governor and the Legislature :

For materials, work, architects for plans, salaries, and sundry expenses of architect, superintendents, office clerks, counsel fees, printing, advertising, postage, telegraph, freight, surveys, &c., &c., &c.—

In 1872.....	\$74,802 19
In 1873.....	354,821 48
In 1874.....	590,423 19
In 1875.....	684,923 66
	<hr/>
	\$1,704,970 52

EXPENDED, DURING ABOVE PERIOD :

For lands for site.....	\$82,672 11
For interest on loans.....	17,342 72
For insurance on buildings.....	1,867 50
For actual expenses incurred in the discharge of their duties by the Commissioners.....	4,063 17
	<hr/>
	\$1,810,916 02

The Commissioners cannot close this report without expressing their obligations to your Excellency and the financial officers of the State for the great aid afforded them in the performance of their duties.

All of which is respectfully submitted :

FRANCIS S. LATHROP,
BEACH VANDERPOOL,
SAMUEL LILLY,
ANTHONY RECKLESS,
GEORGE A. HALSEY,
WILLIAM G. LATHROP,
JOHN S. READ,

Commissioners.

Dated, State Asylum for the Insane, at Morristown, N. J., December 14, 1875.

ARCHITECT'S REPORT.

To the Commissioners of Asylum for the Insane, Morristown, New Jersey :

GENTLEMEN :—The following is a general report of the progress of the various branches of the work, during the year, ending November 1st, 1875 :

The masonry of the building, together with the laundry, workshops and boiler-house, underground passages and air ducts, was completed in the fall of last year sufficiently to protect the walls from frost, and the roofing entirely finished, during the following winter and early spring. The main ventilating shaft and smoke flue for the boilers was the only portion of the work left unfinished, and this was carried up so far as to permit the setting and testing the boilers. It is now finished in a substantial and satisfactory manner.

The work on the brick arches between the iron beams of the floors was resumed and finished early in the season, in order that they might be in a condition to receive the plastering, which was contracted for and commenced early in the spring, and finished during the summer months.

The concrete floors within the cellars and passages are nearly completed, together with the large horizontal ventilating ducts which receive the descending currents of air through the flues constructed in the outer walls.

The tramway is completed throughout the cellar, for conveying food and other articles from the kitchen, laundry, bakery and workshop to the various lifts, all of which are well advanced toward completion, as well as all other necessary fitting throughout the cellar and basement.

The carpenter work in all parts of the building has been pushed forward so energetically, that the wings on the left of the centre building are nearly finished; the centre building and wings to the right are progressing rapidly; the workmen are engaged in laying the floors and finishing the doors and windows, and, with the force now employed, the carpenter work can all be completed, during the next five months.

All the stairs throughout the wards are finished. They have been substantially constructed with slate slabs, and, in accordance with your directions, from cellar to attic with the same material.

The principal flights of iron stairs in the main centre are in place, and ready to receive the wooden steps and rails upon the iron frame work.

The chapel and amusement hall are nearly completed, and the work throughout the other portions of the centre building is in active progress; and nothing remains to be supplied for its completion, excepting the mantels, grates and glass for the front vestibule.

The front portico, with steps and platform thereto, is yet unfinished. This being the most prominent feature of the front main centre, while remaining in its present state, greatly detracts from the design. We consider this of but minor importance compared with its loss as a protection to the main entrance, and the damage that must result to the front wall from its southeast exposure. This wall must necessarily remain unfinished in order to receive the connecting parts of the portico. For the reasons stated, I would urge the importance of its completion as early as practicable.

The eight boilers contracted for last year are all set in position, together with pumps and receivers and all necessary connections made between the boilers and radiators for warming the building. All of these are in place, and have been tested with satisfactory results.

The coal vaults are completed, with railroad track crossing over them, for supplying coal direct from the cars.

The laundry, and the buildings for workshop and bakery are in readiness for the machinery, engines, fans, &c. The oven in the bakery is finished.

The gas pipes throughout the buildings are in place, and have been tested, and the rising mains for water and steam are nearly completed. All of them have outlets on each story for attaching hose.

The setting of bath-tubs, wash-basins, and closets and the plumbing generally throughout is advancing rapidly toward completion, keeping pace with the other branches of the work.

As the materials were always purchased in bulk and direct from the manufacturers, you have secured the advantages of procuring them at first cost and in due season. By this method, together with a well organized system of conducting the work, the various branches were carried on satisfactorily as well as economically.

In this matter, your principal mechanic has displayed much skill and energy throughout, and has added many valuable suggestions as well as discharged his duties in the most satisfactory manner.

The principal materials necessary to finish the building being either on the ground or contracted for, there can be no doubt that the work can all be completed at an early day.

Respectfully submitted:

SAMUEL SLOAN,
Architect.

No. 152 South Fourth street, Philadelphia, November 1st, 1875.