

EIGHTH BIENNIAL REPORT

OF THE

BOARD OF COMMISSIONERS

OF THE

IOWA HOSPITAL FOR THE INSANE

AT

INDEPENDENCE,

To the Twentieth General Assembly.

PRINTED BY ORDER OF THE GENERAL ASSEMBLY.

DES MOINES:

GEO. E. ROBERTS, STATE PRINTER.

1884.

To the Honorable, the General Assembly of the State of Iowa:

The Commissioners appointed by the provisions of an act of the General Assembly of the State of Iowa to superintend the erection of the Iowa Hospital for the Insane at Independence, would respectfully submit a report of their proceedings since their last report, together with the report of the Superintendent of Construction, with an exhibit of the Treasurer of the Board giving a detailed statement of the expenditure of so much of the appropriation made by the Nineteenth General Assembly as has been used up to this time. Also a report of the committee appointed to examine the accounts and vouchers of the Treasurer.

At the date of our last report there remained to be built, to complete the Hospital according to the original plan, the fifth and sixth sections of the south wing.

For the erection of these sections the Nineteenth General Assembly appropriated \$65,000, and for furnishing them when built, the sum of \$5,000. There was also appropriated by the same act, \$1,250 for constructing a cistern, and \$500 for continuing the sewer.

On the 30th of March, 1882, in compliance with the provisions of law, we advertised for proposals for excavating, putting in the concrete and footing stone for the foundations of the two sections of the building to be erected. Also for furnishing the materials and building the basement story of the same. At the same time we advertised for proposals for furnishing not to exceed one million hard burnt brick, delivered at the Hospital.

There having been no money to expend in building during a part of the years 1881 and 1882, we had dispensed with the services of Superintendent of Construction, but on resuming work in the spring of 1882, we again employed George Josselyn as such superintendent for one year from April 1, 1882, at a salary of \$125 per month, and have continued him in that position until the present time.

He has rendered valuable and faithful service to the State during that time, as well as from the commencement of the erection of the Hospital in 1868.

Hon. Buren R. Sherman, having been inaugurated Governor in January, 1882, became *ex-officio* a member of the Board of Commissioners. He attended the first meeting of the Commissioners after he became a member, and was elected President of the Board April 25, 1882.

On the 25th of April, 1882, the preposals received as advertised for were examined and considered by the Board, and the contract for putting in the foundation and building the basement story was awarded to George Netcott and Patrick Lundy, for the sum of \$7,647.

The contract for furnishing the brick was awarded to George and James Netcott, for \$8.60 per thousand. At the same time it was determined to finish and furnish the west end of the fourth section of the south wing as soon as practicable. When finished this would furnish additional accommodations for thirty patients. The plastering and wood work was done by contract, and the rooms finished and furnished ready for occupation about the first of December, 1882.

During the season of 1882, we expected to build the basement and one or more stories of the superstructure. In this we were disappointed. The spring was backward and wet, thus retarding the commencement and progress of the work until late in the season, consequently only the basement story was erected during that year. But in the fall and winter, the stones which were to be used in the superstructure, and which were furnished from the State quarry near Anamosa, and cut by the convict labor at the penitentiary at that place, were delivered on the ground—also brick and sand; so that everything was ready to prosecute the work without delay, as soon as the weather would permit in the spring of 1883.

In October, 1882, we had a cistern constructed on the west side of the Hospital, one hundred feet long, with an interior diameter of ten feet. It cost, together with the pipes connecting it with the down spouts from the roof, and with the steam pump in the boiler house, twelve hundred and fifty dollars.

Early in the spring of 1883, a contract was made with the Independence Manufacturing Company to furnish all the doors, window sash, door and window frames, necessary to be used in the construction of the building. A contract was also made with R. C. Hyde for doing the wood work for the roof and other parts of the building. A contract was made with Richard Godson, of Cedar Rapids, to furnish

the materials, manufacture and put up the galvanized iron work; also the tin and slate for the roofs and to put the same on. Furnishing the copper, making and putting in the gutters and flushings, were done by Frederick Hass, of Rock Island, Illinois. All other materials necessary for the construction of the building have been purchased where it could be done to the best advantage to the State.

The season of 1883 proved favorable for building. We commenced work on the superstructure about the 20th of April.

In constructing the walls of the building, we employed brick masons, tenders, stone setters and cutters by the day. By the 15th of August the walls were up ready for the roof, and by the 20th of October the roofs were so far completed that the plastering was commenced; this work was also done by men employed by the day, and was completed December 20th. At the suggestion of Dr. G. H. Hill, Medical Superintendent of the Hospital, we put dormer windows in the mansard roof of the fourth or attic story of the sixth section of the south wing; also had this story plastered, floor laid and finished up in one room for an associate dormitory. It makes a good, comfortable sleeping-apartment, with room for thirty single beds.

The carpenter work necessary to finish the building is being done by contract. When this is completed and the inside work is painted, it will be furnished and made ready for occupation on or before April 1, 1884.

The whole building is now nearly completed according to the original plan, except the portico over the front entrance and pointing the outside walls.

There will be a balance of about \$7,000 left, of the \$65,000 appropriated for building the fifth and sixth sections, after they are completed. We would recommend the General Assembly to authorize the Commissioners to use this balance in constructing the portico and pointing the walls. The appropriation of \$500 for continuing the sewer has not been drawn from the treasury, and we would recommend that the Trustees of the Hospital be authorized to draw and expend it. The appropriation of \$1,250 made for constructing a cistern has been drawn and expended. Of the appropriation of \$65,000 made for building, only \$55,000 has been drawn from the treasury, all of which has been expended. The appropriation of \$5,000, made for furnishing, has all been drawn from the treasury, but only \$1,180.72 has been paid out, but it will be necessary to use

the balance to furnish the sections of the building now nearly completed.

The following estimate of the cost of the Hospital made in our third biennial report, dated November 1, 1873, page 6, reads as follows: "The cost of this Hospital when it is entirely finished, complete with all its necessary furniture and all its equipments, will be about \$850,000."

We find that the total amount that has been expended in building, furnishing, steam-heating, sewerage, gas works, water supply, superintendence, per diem and expenses of Commissioners, Secretary and Treasurer is, including the appropriation made by the Nineteenth General Assembly (except the \$500 for continuing the sewer).....\$845,550.00

To this should be added the amount saved by having the stone used in building the fifth and sixth sections of the south wing furnished by the State and cut by the convict labor at the penitentiary at Anamosa..... 5,000.00

Total cost.....\$845,550.00
Estimated cost made in 1873..... 850,000.00

The Hospital will be completed before the meeting of another General Assembly, and without further appropriations.

B. R. SHERMAN,
E. G. MORGAN,
A. G. CASE,
GEO. W. BEMIS,
Commissioners

Independence, Iowa, January 18, 1884.

TREASURER'S REPORT.

Detailed statement showing the expenditures of the appropriation made by the Nineteenth General Assembly, for building, furnishing, and cistern.

By cash paid Commissioners, Secretary and Treasurer	\$ 985.10
By cash paid Superintendent (salary).....	2,925.00
By cash paid Superintendent (expenses).....	22.29
By cash paid for lumber.....	2,442.25
By cash paid for hardware	278.31
By cash paid for foundations and basement story	7,622.82
By cash paid for freight	2,337.55
By cash paid for brick.....	5,894.63
By cash paid for carpenter work.....	2,288.76
By cash paid for sand.....	632.14
By cash paid for hauling.....	611.28
By cash paid for castings.....	157.61
By cash paid for glass	259.71
By cash paid for iron pipe and fitting.....	1,491.41
By cash paid for slate and marble.....	1,427.12
By cash paid for cement... ..	393.60
By cash paid for lime	542.50
By cash paid for iron beams	585.69
By cash paid for doors, sash and wood work.....	1,879.68
By cash paid for paints, oils, etc.....	152.53
By cash paid for galvanized iron work and slating.....	1,941.28
By cash paid for steam fitting and plumbing	313.25
By cash paid for painting and glazing.....	605.40
By cash paid for radiators	1,147.27
By cash paid for rubble stone.....	230.55
By cash paid for copper work.....	1,841.80
By cash paid penitentiary at Anamosa free labor.....	1,458.00
By cash paid for iron sash.....	770.44
By cash paid for door locks and trimmings.....	428.68
By cash paid for plastering and materials.....	489.77
By cash paid for iron window guards.....	799.10
By cash paid for common labor.....	4,132.46
By cash paid for brick masons.....	3,063.41
By cash paid for plasterers	2,353.70
By cash paid for stone cutters.....	842.62
By cash paid for stone setters	793.86
By cash paid for teams and teamsters.....	464.66
By cash paid for registers.....	301.74
By cash paid for steam traps.....	165.00
By cash paid for radiator covers.....	118.50

By cash paid for blacksmithing and machine work.....	43.30
By cash paid for exchange.....	30.00
By cash paid for lathing.....	33.49
By cash paid for stucco.....	72.28
By cash paid for tile pipe.....	27.40
By cash paid for advertising and printing.....	35.00
By cash paid for postage and stationery.....	28.26
By cash paid for express.....	1.70
By cash paid for telegraphing.....	.67
By cash paid for cistern.....	1,250.00
By cash paid for furnishing.....	1,180.72
By cash on hand.....	3,355.71

Total.....\$ 61,250.00

To amount drawn of the appropriation of the Nineteenth General
Assembly.....\$ 61,250.00

GEO. W. BEMIS,
Treasurer.

Independence, Iowa, January 14, 1884.

*To the Commissioners for building the Iowa Hospital for the Insane at
Independence:*

GENTLEMEN—Your committee, to whom was referred the matter of
examining the accounts and vouchers of George W. Bemis, treasurer
of this Board, beg leave to present the following report:

We find that Treasurer Bemis has received from the appropriations
made by the Nineteenth General Assembly, the following amounts,
to-wit:

For building.....	\$ 55,000.00
For furnishing.....	5,000.00
For cistern.....	1,250.00

Total.....\$ 61,250.00

And has paid out on proper vouchers as follows, to-wit:

On building.....	\$ 55,463.57
On furnishing.....	1,180.72
On cistern.....	1,250.00
Cash on hand.....	3,355.71

Total.....\$ 61,250.00

All of which is respectfully submitted.

A. G. CASE,
E. G. MORGAN,
B. R. SHERMAN,
Committee.

Independence, Iowa, January 18, 1884.

REPORT OF SUPERINTENDENT OF CONSTRUCTION.

To the Commissioners for building the Iowa Hospital for the Insane at Independence:

GENTLEMEN—I respectfully submit to you the following report of the progress of the work done on the Hospital buildings since November 1, 1881:

Soon after the appropriation for the completion of the unfinished parts of section four, and for building sections five and six was made by the Nineteenth General Assembly, the work was commenced, by deafening and grounding the part of section four which had not been plastered. The contract for the plastering of said section was let to Jacob Brandel.

The finishing of the inside carpenter work was let to Wm. Uren; the mill work to the Independence Manufacturing Company; the painting, heating and plumbing being done by the day.

The material for heating and plumbing was furnished by A. Y. McDonald, of Dubuque, and the J. L. Mott Iron Works of New York.

These sections were finished in the fall and occupied after being furnished with the necessary furniture.

In the spring of 1882, the contract for excavating for the foundations, putting in the concrete foundations and footing stones (the footing stones being furnished by the State), doing the granite work and brick work of the basement story of sections five and six, was given to Patrick Lundy and Geo. Netcott.

A contract was also made with George and James Netcott to furnish what brick would be needed to build the two sections.

In consequence of the very wet weather in the early part of the summer of 1882 the work did not progress as rapidly as desired; the foundations and basement work were not completed until October, when the first floor of joists were laid on the walls, which were then covered with boards for the winter; the contract for doing said work having been given to Wm. Uren.

The cut stone work for facing the outside walls, also the window and door caps and sills, which were furnished from the State quarries and cut by the convicts at Anamosa, were shipped during the fall and winter, so that early in the month of April, 1883, the mason work was commenced.

The setting of the stone and laying of the brick it was thought best to have done by the day.

A contract was made in the spring with the Independence Manufacturing Company to furnish the window and door frames, sash and doors. The making of the wrought iron sash was given to J. L. Meeker, of Newark, New Jersey. The contract for all the galvanized iron, tin and slate work was awarded to R. Godson, of Cedar Rapids; the carpenter work for enclosing the buildings to R. C. Hyde, of Independence.

The making of the iron guards for the windows was given to the T. E. Barnum Wire and Iron Works, of Detroit, Michigan.

By the middle of August the stone walls were completed ready to receive the roofs. About this time it was concluded that it would be best to arrange the attic story of the sixth section in such a manner as to be able to use it for a dormitory; which change necessitated the making of additional window frames in the Mansard roof, and some extra galvanized iron and tin work, which work was given to R. Godson. By the middle of November the buildings were under roof, the galvanized iron and tin work completed; also the copper gutters and other copper work about the roofs, a contract to do the same having been awarded to F. Hass, of Rock Island, Illinois.

Wrought iron beams were used to support the floors in the bath rooms, drying rooms and water closets; also over the third story of the building. These beams were connected with brick arches. The iron beams were purchased from the Phoenix Iron Works, of Philadelphia.

The castings for the stairways were furnished by F. Megow, of Independence. The slate steps for said stairs, also the floor tiles and base for the bath rooms and water closets, were purchased of the Burlington Manufacturing Company, Chicago.

A contract was made with R. C. Hyde to ground and otherwise prepare the walls for plastering. Also with W. L. Barton to put in the deafening boards. This work was completed by the time the roofs were on. The plastering was then commenced, and was finished by the 22d of December, the weather having been unusually fine and warm. The floor tiles are laid and the wash-basins set, which completes the mason work.

A contract was awarded to George Netcott to excavate for and build a cistern one hundred feet long by ten feet interior diameter, cylindrical in shape, which was completed late in the fall of 1882, and connections were made to the same with the down spouts from the roof of the building at several points. The cistern was also connected with the pump in the boiler-house. An air duct connecting with the main air duct has been constructed of stone, with a brick arch covering, to supply the fifth and sixth sections with fresh air, and through which the condense return pipes run to the boiler room.

The main steam pipes as well as a large proportion of the steam radiators are in place and connected to each other, so the building is supplied with some heat; the rest will be put up as fast as possible.

The outside sewer pipes have been laid, to which the soil and waste pipes to the bath rooms and water closets will be connected as soon as the plumbing is done.

A contract for completing the inside carpenter work, such as laying the floors, setting the door jambs and hanging the doors, putting down the base, fixing up the closets and clothes rooms, etc., has been given to R. C. Hyde.

The heating and plumbing is being done by the day, finding that to be the most economical manner of doing that kind of work.

The radiators have been purchased from A. Y. McDonald, of Dubuque; Runce, Spencer & Co., of Milwaukee; and F. Megow, of Independence. The most of the pipe, fittings and brass work have been furnished by A. Y. McDonald. The supplies for plumbing were bought of the J. L. Mott Iron Works, of New York.

We hope, if the weather permits, to have the work all completed by the first of April, so the building can be occupied at that time.

Respectfully yours,

GEORGE JOSSELYN,

Superintendent of Construction.

Independence, Iowa, January 2, 1884.