

NAVY HOSPITAL, NORFOLK, AND ASYLUM, PHILADELPHIA.

Documents to accompany bill H. R. No. 170.

NAVY DEPARTMENT,
January 18, 1830.

SIR: In compliance with the request contained in your letter of the 7th instant, addressed to the Secretary of the Navy, we have the honor to forward the enclosed report and accompanying documents, containing the information therein called for.

We are, very respectfully,

Sir, your obedient servants,

JN. BRANCH,
JN. H. EATON,
S. D. INGHAM.

The Hon. MICHAEL HOFFMAN,
Chair'n. of the Committee on Naval Affairs, H. R.

To the Chairman of the Committee on Naval Affairs, of the House of Representatives:

In compliance with the requisitions contained in your letter, dated January 7, 1830, the Commissioners of the Navy Hospital Fund have the honor to make the following report:

The document marked "General Statement," herewith transmitted, shows the amount of moneys which appears by the books in the office, to have been in the Treasury to the credit of the Navy Hospital Fund, on the 1st day of January, 1829; the sums which have accrued thereto, and been received within the year, and the amount of disbursements, and for what purposes disbursed within the same year; that is, from the 1st January to 31st December, 1829.

From this statement it appears, that the balance in the Treasury on the 1st January, 1829, was \$ 2,893 42; that the sum of \$ 125,000 was appropriated by Congress, and was passed to the credit of the Fund, on the 23d day of March, 1829; and that the sum of \$ 19,377 08, has accrued to it, and been received within the year, making an aggregate of receipts of \$ 147,270 $\frac{50}{100}$.

From the same statement, it appears, that there has been expended within the year, for the asylum near Philadelphia, the sum of \$ 68,104 $\frac{11}{100}$; for the Navy Hospital near Norfolk, Va. \$ 57,197 $\frac{19}{100}$, and for other purposes \$ 1,045 $\frac{21}{100}$; leaving a balance in the Treasury to the credit of the fund, on the 31st December, 1829, of \$ 20,823 $\frac{90}{100}$.

Connected with "General Statement" are the papers marked A and B, showing to whom these sums have been paid, and for what purposes.

Accompanying these documents, is a copy of a letter marked C, addressed by Mr. William Strickland, the late architect of the asylum, to the Commissioners of Navy Hospitals, giving information of the present condition of this establishment, its approach to completion, the debts now due for materials, and work performed, and an estimate of the sums which will be necessary to finish the building, and to execute certain proposed improvements.

There is also transmitted, herewith, a letter marked D, from Mr. John Haviland, the Navy Hospital architect, at Norfolk, Va. describing the progress which has been made in the erection of that edifice during the year 1829, its present condition, and estimates of the sums which will be necessary to finish the building, &c.

The exhausted state of the finances of the Navy Hospital Fund not allowing of the further prosecution of the works on the two establishments, they were directed to be discontinued on the 4th December, 1829.

Before the discharge of the laborers from the service of the asylum, the whole of the materials, implements, &c. belonging to the establishment, which were likely to suffer from exposure, during the winter, were secured under sufficient shelters, and the edifice itself has its exterior so far completed, as not to be liable to injury from any such cause. The care of the establishment during the winter, has been assigned to an individual selected for his vigilance and fidelity, who resides on the premises, and the whole has been placed under the superintendence of Commodore Wm. Bainbridge, of the Navy yard; the late architect, Mr. Strickland, having resigned his superintendency after the 30th December, 1829.

The protection of the Navy Hospital, at Norfolk, Va. has been provided for with similar care; the materials for building, &c. have been placed under shelter, and the exposed parts of the fabric so covered, as effectually to exclude external causes of injury. A careful individual has been employed to guard the premises, and a general supervising power given to the Navy Agent at Norfolk, to see that the duties of protection, ventilation, &c. are properly performed.

The paper marked E, herewith transmitted, furnishes a statement of the debts represented to be due from the fund for different purposes.

The paper marked H, presents the estimates of the architects for the completion of the buildings, and for furnishing them with the necessary furniture, &c. To which is appended the papers marked F and K.

From the general statement above referred to, it appears that the income of the Navy Hospital Fund, for the year 1829, amounted to the sum of \$ 19,377 $\frac{8}{100}$. The income of this fund varies every year, arising from the payments made to officers, seamen, and marines, being greater in some years than in others; and the deduction of twenty cents per month, from the pay of each of these, being the only productive source of income to the fund. The amount stated, as derived from these deductions, during 1829, may be taken as a tolerably correct average of the annual receipts of the fund. It is very doubtful whether this amount will be sufficient to pay all the expenses of the two establishments, after they shall have been fitted up with every necessary for the accommodation of the persons intended to reside in them. The current expenses will arise from the salaries of the different superintendents, the pay of the domestics, supplies of fuel, and provisions and stores for the whole establishment, surgeon's compensation, chaplain, &c. &c.

On this point, however, future experience must be the test. In the meanwhile, little inconvenience can result from placing reliance upon the present income of the fund, for the fulfilment of these objects.

The act of Congress of the 26th of February, 1811, establishing Navy Hospitals, provides, "that when any officer, seaman, or marine, shall be admitted into a Navy Hospital, such pension, during his continuance therein, shall be paid to the Commissioners of the Navy Hospitals, and deducted from the account of such pensioner" thus placing the pensioners on an equal footing, as to the price they may pay for hospital accommodation. The pensioner at twenty dollars a month, gives his pension for his board, &c.; the pensioner at three dollars a month, does no more. The effect of this may probably be, to exclude from the hospital many of the most respectable class of pensioners, and to fill its apartments with those having less claim to its benefits.

The second section of the act referred to, provides, that "all fines imposed on Navy officers, seamen, and marines, shall be paid to the Commissioners of Navy Hospitals," &c. &c.

Under this clause, several sums due to deserters, amounting to \$1,519²²/₁₀₀, were directed by the late Secretary of the Navy, to be carried to the credit of the Navy Hospital Fund.

It appears from a letter of the Second Comptroller of the Treasury, addressed to the Fourth Auditor, and herewith transmitted, marked G, that this interpretation of the law was not held to justify this transfer; and the sums thus passed to the credit of the fund, have been directed by him to be deducted therefrom, and refunded to the pay of the Navy, from which they had been drawn.*

The act of Congress of February 26th, 1811, authorizes and requires the Commissioners of Navy Hospitals to procure sites for hospitals; and, if the necessary buildings are not procured with the site, to cause such to be erected, &c. &c.; and, at one of the establishments, to provide a permanent asylum for disabled and decrepit officers, seamen, and marines.

Under this authority, sites for Navy Hospitals were purchased at the following places, viz. Chelsea, near Boston; Brooklyn, near New York; on the Schuylkill, near Philadelphia; and near Norfolk, Virginia.

The Navy Hospital at Norfolk, which has been erected in compliance with the provisions of the act, is believed to have been executed with great fidelity as to workmanship, and is calculated to afford every desirable accommodation to those for whose benefit it has been constructed. On this head, you are respectfully referred to the report of Mr. Bulfinch, an eminent architect, herewith transmitted, and marked I.

The asylum which has been erected on the Schuylkill, near Philadelphia, was designed as a place of permanent abode for such of the officers, seamen, and marines of the Navy, as might need a home on their retirement from its service; for those who might be disabled, or who might, from the advances of age and infirmity, be incapable of performing those duties for their country, which, in the manhood of life, they had most faithfully discharged.

This design has been executed with a liberality bordering on extravagance; but, it will at least prove, that the nation is not unmindful of the

* This statement is given to explain the item on this subject, in the estimates of debts due from the fund.

debt it owes to the prowess of that class of the defenders of its rights, for whom this commodious and magnificent edifice has been prepared.

The Commissioners of the Navy Hospital, and Navy Pension Funds, take this occasion most respectfully to suggest an amendment of the laws establishing these funds. They are convinced, from every observation and reflection they have been able to bestow upon the subject, that the present system is not such as is likely either to promote the prosperous management of the funds, to ensure prompt and convenient attention thereto, or to impose that responsibility for consequences, which their importance demands.

They therefore recommend, that Congress make provision by law, for the payment of all moneys accruing to the Navy Hospital and Navy Pension Funds, into the Treasury, to be paid out and accounted for, in the same manner as other moneys of the United States, under the direction of the Secretary of the Navy. That the said funds be placed under the direction of the Secretary of the Navy; and the act constituting the Secretaries of the Treasury, War, and Navy Departments, commissioners for the management thereof, be repealed. That provision be made for an additional clerk in the Navy Department, to have charge of the disbursement of said funds for the Navy Hospitals, and for Pensions, and the examination of the claims for relief from them; and that the salary of the said clerk be \$ 1,600 per annum.

All which is respectfully submitted.

By order of the Commissioners.

RICHARD H. BRADFORD,

Sec'y. Navy Hospital Fund.

January 16th, 1830.

GENERAL STATEMENT of the amount of moneys received and disbursed by the Navy Hospital Fund during the year 1829.

Dr.			Cr.		
1829.			1829.		
January 1,	To Balance on hand from last year,	2,893 42	Feb. 10,	By T. Fillebrown, Jr., Warrant No. 46, (1100 00) *	100 00
	To Requisition No. 2180; being the amount of deductions from the pay of the Navy for the 4th quarter 1828, - - -	1,005 50	March 2,	By T. Fillebrown, Jr., Warrant No. 47, † - - -	910 17
March 23,	To Appropriation from Congress,	125,000 00	Nov. 22,	By Secretary's Salary, (6 months,)	125 00
April 4,	To Requisition No. 2500; being the amount of deductions from the pay of the Navy for the 1st quarter, 1829, - - -	3,142 40		By Postage Account, - - -	10 04
Oct. 13,	To Requisition No. 3427; being the amount of deductions from the pay of the Navy for the 2d quarter 1829, - - -	6,621 27		By disbursements made for the Navy Hospital at Norfolk, during 1829, (See Statement marked A.) - - -	57,197 19
"	To Requisition No. 3427; being the amount of deductions from the pay of the Navy for the 3d quarter 1829, - - -	8,607 91	Dec. 31,	By disbursements for the Navy Asylum near Philadelphia during 1829, - - -	68,104 11
				(See Statement marked B.)	
				By Balance on hand this day, -	20,823 99
		147,270 50			147,270 50

* The remainder of this Warrant is charged to Doctor Harris for his salary as one of the Superintendents of the Asylum, and is entered among the charges against that Establishment. See Statement B.

† This sum was drawn by Mr. Fillebrown, but it does not appear how it was disposed of.

[Doc. No. 40.]

A.

STATEMENT showing the amount of disbursements by the Navy Hospital Fund, for the construction of the Navy Hospital near Norfolk, during the year 1829.

1829.			
March 31	To John Haviland,	- - - -	10,000 00
June 26,	Jas. Rudder, (Agent,)	- - - -	10,000 00
July 27,	Do do	- - - -	4,000 00
Aug't. 6,	M. Cooke, (for plank and timber, &c.)	- - - -	1,311 99
" 10,	G. C. Wheeler, (to pay workmen, &c.)	- - - -	2,034 63
" 12,	J. Rudder, (Agent,)	- - - -	2,000 00
" 15,	T. Towson, (for stone,)	- - - -	3,749 54
" 18,	Jas. Rudder, (Agent,)	- - - -	500 00
" 22,	Do do	- - - -	1,676 12
Sept'r. 1,	Do do	- - - -	2,753 57
" 2,	Wm. Wells, (assistant architect,)	- - - -	500 00
" 11,	John Tunis, (for lime and plank, &c.)	- - - -	2,710 69
" 28,	Jas. Rudder, (Agent,)	- - - -	3,000 00
" "	J. Phillips, (for paving bricks,)	- - - -	143 60
Oct'r. 5,	D. H. Miller, (for glass, &c.)	- - - -	338 00
" "	Geo. D. Wetherill, (materials for hospital,)	- - - -	459 83
" "	Geo. Harrison, of Philadelphia, (for paint,)	- - - -	40 00
" 20,	Wm. Holmes, (for plastering and slating,)	- - - -	545 00
Nov'r. 3,	Nash Legrand, (Agent,)	- - - -	2,000 00
" 4,	Francis Harley, (for copper,)	- - - -	590 35
" 16,	Nash Legrand, (Agent,)	- - - -	3,060 38
" "	Jas. Rudder, (for his salary as Special Agent,)	- - - -	682 42
" "	McKim & Sons, (for copper,)	- - - -	87 61
" 30,	N. Legrand, (Agent,)	- - - -	2,700 00
Dec'r. 18,	Bulfinch, (Special Architect,)	- - - -	150 00
" 24,	Smith & McGreedy, (for building stone,)	- - - -	912 12
" 26,	Nash Legrand, (Agent,)	- - - -	1,256 34
	Total amount of disbursements,		\$57,197 19

B.

STATEMENT showing the amount of disbursements by the Navy Hospital Fund, for the construction of the Navy Asylum near Philadelphia, during the year 1829.

1829.		
Feb. 10	To Doctor Harris (salary as superintendent,	\$ 1,000 00
Mar. 31	Wm. Strickland (agent and architect)	10,000 00
June 20	Do. do.	10,000 00
July 30	Edm'd Brown (for settling Strickland's acc'ts)	104 11
Aug. 18	Wm. Strickland	25,000 00
Sept. 3	Do. do.	17,000 00
Nov. 9	Do. do.	5,000 00
	Total amount of disbursements,	\$ 68,104 11

C.

COPY of a Communication from William Strickland, Esq. to the Commissioners of the Navy Hospital Fund.

PHILADELPHIA, December 1st, 1829.

GENTLEMEN: Agreeably to your request, I have the honor to submit for your consideration, a report of the progress made in the building of the United States' Naval Asylum, at Philadelphia, together with an estimate of the whole amount of funds necessary to its final completion. The building is situated on the river Schuylkill, a short distance below the junction of South street with the Gray's ferry road. It is 385 feet in front, including a centre building 142 feet by 135 feet in depth, which is embellished with a marble portico of eight Ionic columns, 3 feet each in diameter.

The wings consist of a granite basement, supporting a marble superstructure, three stories in height, with piazzas or verandas on each story of the front and rear, raised on 88 cast iron columns, resting upon granite piers. The interior of the building is vaulted throughout, and is in every respect completely fire proof. The roof of the centre is covered with copper, and that of the wings with slate. The dormitories on the flanks of the centre building contain 180 rooms, all of which are well lighted and ventilated, and are calculated for the reception and accomodation of about 400 men. The extremities of the wings contain a hall, workshop, operating room, and offices; all of which have a communication with the piazzas, on the outside and the passages from the centre of the building. The *basement story* of the centre building contains a dining room 113 feet in length, together with a kitchen, washhouse, laundry, pantries, storeroom, office, and warming apparatus. This story has an immediate communication with the principal and third stories, by a flight of marble steps leading to the portico on the outside, and by a double flight of steps, of the same material, from the hall on the inside of the building. The *principal story* of the centre building contains in front 8 parlors, intended for officers' quarters, and a chapel in the rear 56 feet square, which receives its light from a lantern in the dome, and has a direct communication with the passages in the centre, and the piazzas on the outside of the building. The surgeon's apartment, infirmaries, apothecary's

room, bath rooms, and closets, are adjacent to the chapel and main interior passage. The *attic or third story* of the centre building, includes chambers for the officers and governor, or manager, of the institution. Apartments for the insane, bath rooms, closets, &c. &c.

The whole of the interior of the building will be finished in about three weeks from this date. The carpenters have but a few doors and sashes to hang. The plasterers will complete the plastering in the course of next week; and the painters have but the finishing coat to put on. The whole of the marble work of the building and portico, with the exception of a small part of the raking cornice and tympanum of the pediment, and of the flight of steps in front, leading to the portico, *is finished*. These parts of the work would have been completed at this day, but that I have been unable to procure in season, from the quarries, such blocks of stone as are necessary to their completion. Under these circumstances I have, however, deemed it expedient to close, in a few days from this time, the operations of the marble masons, until the ensuing spring. The work which will remain to be done, after the end of this month, will not require of me that kind and degree of attention which I have heretofore devoted to it, and I shall, therefore, with your permission, consider the arrangement for my salary, as closing with the present year. The magnitude of the work, and the substantial character of the materials which have been employed in constructing the Naval Asylum, will of course be recollected, when the amount of expenditure, and the propriety of its application, shall be made the subject of consideration. Every attention has been paid to economy, in the disbursement of the public funds, from the earliest commencement of the work to the present day. The contracts which were made by myself, at the laying of the corner stone of this edifice, for marble, bricks, lime, &c. were, at the time, and still remain, considerably below the market price of these articles: the work throughout has been done with the greatest fidelity, and at moderate prices, and, in fact, I am not aware that, in this country or in Europe, the same quantity of labor and materials has been procured either for the Government or individuals, by the expenditure of so small an amount of money.

The actual expenditure on account of the building is, at this date, \$198,000

The amount due on the building may be estimated as follows:

For marble,	-	-	-	-	-	\$ 4,500
Marble masons and laborers wages,	-	-	-	-	-	2,500
Bricks,	-	-	-	-	-	500
Lime and sand,	-	-	-	-	-	1,500
Painting and glazing,	-	-	-	-	-	900
Carpenters' work,	-	-	-	-	-	3,000
Lumber,	-	-	-	-	-	1,500
Plasterers' wages and materials,	-	-	-	-	-	900
Ironmongery and blacksmiths' work,	-	-	-	-	-	450
Nails and screws,	-	-	-	-	-	250
Salaries,	-	-	-	-	-	1,500
						<u>\$ 17,500</u>

The amount required to complete the building, is as follows:

For marble, now contracted for, and workmanship of the pediment and steps of the portico,	-	-	-	-	-	5,500
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Marble mantels throughout the building, contracted for, and part executed, - - - - -	800
Iron railing in front of the piazzas, contracted for, and part executed, - - - - -	4,500
Plumber's work in fitting up baths, water closets, contracted for, and part executed, - - - - -	5,500
Fencing round the premises, - - - - -	3,000
Regulating ground and planting trees, - - - - -	1,500
The introduction of the Schuylkill water into the building, including annual rent, - - - - -	6,500
	<hr/>
	\$ 27,300
	<hr/>
Making as the total cost of the building and appurtenances, when completed, about - - - - -	\$ 242,000

Respectfully submitted, by

Your obedient servant,

WM. STRICKLAND.

The Hon. JOHN BRANCH,

JOHN H. EATON,

SAM. D. INGHAM,

Commissioners of Navy Hospital Fund,

Washington.

A general description of the United States' Hospital, erecting at Fort Nelson, near Norfolk, Virginia, under the direction of John Haviland, Architect.

This building is constructed of granite and freestone, three stories high, on a basement of twelve feet. Its form is that of a hollow square, one hundred and seventy-two feet on its principal front, by one hundred and ninety-two feet in depth; its entrance facade faces the Northeast and Norfolk, and is embellished with a bold Doric portico of ten columns, accessible by twenty steps, that stretch ninety-two feet, the whole length of the portico; the whole of this front is finished of chisel-dressed Virginia freestone; all other external surfaces of this edifice are finished with hammer-dressed granite. The centre part of the two longitudinal or side elevations recede eight feet, leaving a forty feet wing at each extreme; the recess thus formed is filled up with a piazza floor, post and railing, to each story, from which every room has access; the windows being finished down to each floor, combine the property of doors. Similar piazzas are carried round the interior of the hollow square. In the rear front is disposed the baths, water closets, and reservoir, insulated from the main building, but accessible under cover in each story by means of the piazzas.

The whole of the building is made fire proof, with arched ceilings of brickwork, with the exception of the two upper floors of the principal front, and finished in every other respect in the most solid, substantial, and approved manner, with the best materials of their several kinds, and at the same time with the most simple and economical style of finish. The roofs are covered

with Welsh slate; the portico, gutters, and conductors, of copper. It will be seen, that the rooms of the whole building are of the most approved dimensions: particular attention has been paid to the very important properties of ventilation, warming, superintendence and classification of the different wards, and the necessary conveniences required to each department. Four fire-proof stairways, one at each angle of the plan, afford, with the assistance of the piazzas, private and easy access to each room. The culinary department is located in the arched basement of the front, nearest the apartments of the superintendent, with the baking and laundry adjoining. The fuel, store rooms, larder, and dairy, occupy the rooms formed by the foundation of the portico, contiguous to the kitchen, wash house, &c. &c.

The water power for baths, closets, culinary, laundry, and chemical purposes, are at convenient command from the elevated position of the reservoir, fed from the roofs and wells adjoining; every other desired property of this institution promises to be effected in the plan before you. This edifice is calculated to accommodate from three to five hundred beds for sick, besides sufficient rooms for the superintendents, doctors, nurses, domestics, and the public officers belonging to them; various other features will be perceived, and the merits of the plan better understood, by referring to the accompanying drawings, which are respectfully made for the use of the honorable Commissioners of the Navy Hospital Fund, by their most obedient and humble servant,

JOHN HAVILAND, *Architect.*

D.

November 30th, 1829.

To the HON. BOARD OF COMMISSIONERS
Of the U. S. Hospital Fund.

GENTLEMEN: In compliance with your request, I have inspected the present state of the Hospital, now erecting at this place, under my direction; taken an account of the materials and property on hand; measured and valued the work necessary to be done to complete the building ready for occupancy; and calculated the cost of the different kinds of materials required to effect its completion according to its original design, and the accompanying drawings and description, and respectfully report as follows: The entire building is covered in and slated; the gutters thereon finished, and the water conductors completed; the principal part of them fixed in their respective places; the remainder will be stationed as soon as the piazzas are up, which, it is expected, will be ready for them in four weeks; all the water that falls on the roof, will then be conducted into one spacious reservoir, and the surplus into culverts, which it is desirable to effect before the winter rains and snow falls; in every other respect, we are entirely prepared for the winter.

Gutters have been formed all round the building, and barrelled brick drains constructed to carry off the rain and waste waters into the river, which otherwise would seriously injure the building.

All the external doors and windows have been glazed, and placed in their respective situations; the ground round the foundations of the walls raised, and other precautions made to guard against the weather of the approaching winter. The South and North wings are nearly completed, with the exception of the four stairways; the North *entirely so*, with its piazzas and basement, and its doors, sashes, and shutters hung.

We have, at present, in our employ, the following mechanics, to wit :

Average per month.

One superintendent, at	-	-	-	-	150 00
One master mason and stone cutter	-	-	-	-	78 00
One master carpenter	-	-	-	-	78 00
Eleven journeymen masons	-	-	-	-	520 00
Four do stone cutters	-	-	-	-	208 00
Twenty do carpenters	-	-	-	-	750 00
Three blacksmi'ths	-	-	-	-	117 00
Four painters	-	-	-	-	156 00
One carter	-	-	-	-	30 00
One mortar maker and waterman	-	-	-	-	37 50
Two horses	-	-	-	-	26 00
Two caulkers and riggers	-	-	-	-	71 50
Thirty laborers	-	-	-	-	500 00
Monthly cost of labor	-	-	-	-	<u>\$2,722 00</u>

Several of the above workmen will finish their part of the work by the first of January next ; and I calculate to employ the remaining workmen, in their several branches, to complete the Hospital, in *every respect*, (including the portico) ready for occupancy, until the first day of July next, at a further cost of thirty-one thousand dollars, reckoning from the present time.

RECAPITULATION of the estimate of Workmanship and Superintendence.

Superintendent's salary	-	-	-	-	\$1,050 00
Master mason and stone cutter's	-	-	-	-	546 00
Do carpenter	-	-	-	-	546 00
Five masons	-	-	-	-	1,750 00
Four stone cutters	-	-	-	-	1,456 00
Twenty carpenters	-	-	-	-	5,250 00
Three blacksmiths	-	-	-	-	819 00
Four painters	-	-	-	-	1,092 00
One carter	-	-	-	-	210 00
One watchman, &c.	-	-	-	-	262 00
Two riggers and scaffold makers, &c.	-	-	-	-	280 00
Thirty laborers, levelling and attending upon the workmen	-	-	-	-	3,500 00
					<u>\$16,761 00</u>

Estimate of Materials, as follows:

200 barrels of lime	-	-	-	-	250 00
6000 feet of flag stone	-	-	-	-	900 00
6 mantels for best rooms	-	-	-	-	250 00
12 water closets	-	-	-	-	1,500 00
Lumber	-	-	-	-	2,000 00
Paving and other bricks	-	-	-	-	500 00
Building stone, bespoke	-	-	-	-	300 00
Freestone	-	-	-	-	3,000 00
Granite for steps of portico	-	-	-	-	1,000 00
Scaffolding and tackle to raise portico	-	-	-	-	139 00
Caulking and cotton of piazza, &c.	-	-	-	-	200 00
Coppersmith's work, done and unfinished	-	-	-	-	700 00
Ironmongery, nails, screws, spikes, &c.	-	-	-	-	300 00
Wrought iron	-	-	-	-	200 00
Cast iron, columns of piazza	-	-	-	-	500 00
Paint stuffs	-	-	-	-	300 00
Covering and lining of reservoir	-	-	-	-	100 00
Slating near piazza, including slate	-	-	-	-	100 00
Plastering	-	-	-	-	1,500 00
Copper boilers, grates, and plumbery	-	-	-	-	500 00
Cost of materials	-	-	-	-	\$14,239 00

ESTIMATE OF WORKMANSHIP AND SUPERINTENDENTS.

Salaries	-	-	-	-	\$ 16,761
Estimate of materials	-	-	-	-	14,239
Total amount	-	-	-	-	\$ 31,000

I beg leave to add, that it is practicable to finish the Hospital within three months after the materials are delivered, and all the materials required can be obtained by the first day of January next, if put into a proper channel, and the weather permits; but this expedition would be attended with a thousand dollars additional cost, less the salaries of three months to the officers.

Respectfully, Gentlemen,
Your obedient humble serv't
JOHN HAVILAND,
Architect.

U. S. N. HOSPITAL,
Norfolk, Va.

E.

STATEMENT of Debts and Claims against the Navy Hospital Fund.

Amount estimated to be due for materials, &c. for the Navy Hospital at Norfolk, - - - -	\$250 00
Amount reported by Mr. Strickland to be due for materials and labor for the Navy Hospital, near Philadelphia, - -	17,500 00
Amount stated to be erroneously deducted from pay of the Navy, and carried to the credit of the Hospital Fund, -	1,519 22
If this amount	19,269 22
be deducted from the balance in the Treasury on the 31st December, 1829, - - - -	20,823 99
It will leave a balance in favor of the Navy Hospital Fund of	1,554 77

F.

Extract of a letter from Mr. John Haviland, Navy Hospital Architect, Norfolk, Virginia.

PHILADELPHIA, *January 8th, 1830.*

SIR: In answer to yours of the 3rd instant, I beg leave to inform you, that I received your communication of the 9th of December, 1829, and replied to it very fully the day after I received it, and spared no pains or labor in obtaining from the best sources such information in relation to the subject, as enabled me to form a very correct estimate of the furniture and other articles necessary to carry the Hospital into operation. By referring to my diary, I find the substance of my report nearly as follows:

December 11th, 1829.

The estimate for furnishing the kitchen, wash room, scullery, laundry, bake room, dispensary, nurseries, chambers, lining rooms, store rooms, and other offices contained in the North wing of the Hospital, including all kinds of culinary utensils, hardware, crockery, lamps, stoves, linen, bedsteads, beds, bedding, chairs, tables, baking, washing, and ironing implements, shelving, &c. &c. amounts to \$1,500.

The additional furniture required for *each* patient, such as an iron bedstead, bed, bedding, small table, easy chair, and other appendages, \$50.

In addition to the offices, chambers, and other rooms, employed by the Superintendents, Doctor, and domestics, this section of the building contains rooms for the accommodation of the following number of sick:

Basement. No. 1. *Lunatic Ward.*

Six rooms, 10 feet by 12 feet, containing - - - 6 beds.

1st floor. No. 2. *Acute Ward.*

Room A. 28 + 83, containing - - - 20 do.

“ B. 35 + 35, do. - - - 12 do.

2nd floor. No. 3. *Chronic Ward.*

Room C. 28 + 83, containing - - - 20 do.

“ D. 35 + 35, do. - - - 12 do.

3rd floor. No. 4. *Contagious Ward.*

Room E. 28 + 83, containing	-	-	-	20	do.
“ F. 35 + 35, do.	-	-	-	12	do.

* Total number of beds in this wing, - - - 102

The North wing of the Hospital is so near its completion, that it can be entirely finished for occupancy in three weeks after we receive the material for the stairways, which are the principal unfinished feature in this section of the building, which was kept back for want of flag stone.

The ovens and coppers of the bake room are completed, and the coppers for the culinary baths and laundry purposes, finished ready for setting.

The piazza on the North side of this section is entirely finished, and the one on the South side, nearly so.

A portion of the ground contiguous to this wing can readily be portioned off with a temporary high fence, formed with the old scaffold boards, being entirely disconnected with the unfinished part of the building.

If it is desired to occupy this wing, it would be indispensably necessary to finish the two flights of stairways, with the six water closets and baths, belonging to it; this would effect a permanent completion, and make this section of the building a perfect Hospital in itself, at a cost of ten thousand dollars, including the furniture, &c. &c. as follows:

General furniture, &c.	-	-	-	\$1,500
Furniture, &c. for 102 sick, at \$50 each.	-	-	-	5,100
Required to finish the stairs, water closets, baths, &c.	-	-	-	3,400
				<hr/>
				\$10,000

I do not apprehend any difficulties that might arise to the completion of the building in the Spring, from occupying this portion of the Hospital, excepting the noise occasioned by mechanical operations, and, in case of any contagious diseases being located there, might prevent the mechanics from working under the same roof; otherwise, the Hospital is in a fit state for invalids to reside in; the walls, plastering, and paint, having had sufficient time to dry since its completion, assisted by a powerful furnace, which I have erected and caused to be kept in force during the present winter. It is capable of being made *very private* at a small expense, which, with strict discipline, interference with each other can be easily prevented.

I left the works at Norfolk well protected and watched by Mr. Thomas, our late master mason, a very trustworthy and respectable person, with whom I took an inventory of all the materials and other property belonging to the Hospital, and sent a copy to Mr. Legrand. Mr. Thomas agreed to the responsibility and care of the building, during the winter, without any other compensation than the use of the house on the premises, lately occupied by Mr. Wheeler.

* The space allowed in this calculation, is 75 superficial feet to each; thus it will be perceived that double the number of beds can be arranged in the space, in case it is required.

G.

TREASURY DEPARTMENT,
Second Comptroller's Office, August 12th, 1829.

SIR: In the account of Robert Pottinger, as purser of the United States' ship *Hornet*, for disbursements in 1828, which has been examined and revised in this office, it is remarked that the sums due to the deserters from said ship, amounting to \$446 64, is carried to the fund for Navy Hospitals, and taken from the pay appropriations.

From a careful inspection of the laws, I am of opinion that such an application of the funds appropriated for the "Pay of the Navy" is not authorized.

The principle is important, and in order to justify the accounting officers in thus transferring moneys appropriated by Congress for a specific purpose, and applying them to another, and a different purpose, the most unequivocal legal authority should appear.

The amount therefore in this case is restored to the pay appropriations whence taken, and the Fourth Auditor is requested, until otherwise directed by this office, to observe the same principle in the future settlement of Navy Accounts.

Respectfully,

Your obedient servant,

ISAAC HILL.

AMOS KENDALL, Esq. *Fourth Auditor.*

H.

ESTIMATE of the sums which will be required to finish the Navy Asylum at Philadelphia, and the Navy Hospital near Norfolk, Virginia, and for furnishing the buildings with the necessary apparatus and fixtures for the reception of invalids and the officers of the establishments, &c. &c.

To complete the Navy Hospital at Norfolk. (See paper D.)	-	\$31,000 00
various fixtures and articles of furniture. (See paper F.)	-	1,500 00
various fixtures for invalids. (Ditto.)	-	5,100 00
complete the asylum near Philadelphia. (See paper C.)	-	27,300 00
expenses of fitting up the Asylum, estimating it at the same rate as for the Navy Hospital at Norfolk,	-	6,600 00
furniture required for the apartments of the officers and domestics of the two establishments. (See paper marked K.)	-	5,200 00
		76,700 00

Making an aggregate sum to be provided for the completion of the Asylum and Hospital, of seventy-six thousand seven hundred dollars, including the necessary furniture, &c. for the officers and domestics of the two establishments.

Charles Bulfinch, Esq. to the Commissioners of the Naval Hospital Fund.

The subscriber, having been directed, by the Hon. Commissioners of the Navy Hospital Fund, to proceed to Norfolk, for the purpose of inspecting the actual situation of the Navy Hospital at that station, begs leave to report, that he proceeded as directed, to fulfil the instructions which he had received, and presents the following result:

The Naval Hospital at Portsmouth, in Virginia, is located on the South branch of Elizabeth river, which forms the harbor of Norfolk and Portsmouth, and above which is the United States' dock yard of Gosport. The hospital is situated in a dry and airy position, and is the first object that meets the view, on the right, at entering the river from Hampton Roads. It is a large and imposing mass of building; the ground connected with it is of about sixty acres, and generally covered with a growth of young and thrifty wood.

The building is 175 feet front by 32 deep, with two wings extending back at right angles, of 194 feet by 40, and forming an open court within. The front is of free stone, and will show an advanced portico of ten massy Doric columns, extending ninety-four feet in the centre, standing at the height of the level of the second story. The basement of this front is appropriated to kitchens, washing rooms, and other domestic purposes, and three stories above will be devoted to the officers of the establishment. The receding wings one built of squared granite, four stories in height, with piazzas to each story, to be supported by slender iron pillars, both on the outside and in the court. All the door and window stools are of cast iron. These wings are appropriated to sailors, and appear to be judiciously divided and arranged for convenience and ventilation. All the stories of the wings and the basement story of the front are made fire proof, and vaulted with brick arches; the principal stories of the front are finished with timber floors. Arrangements are made for six staircases of stone, in convenient positions.

The foundation walls are	4 feet thick to the surface.
The walls of the basement	10, 6 high, and 3 feet thick,
of the principal story	12, 2 " 4
of the third story	11, 2
of the fourth story	11, 1 " 8
the inside walls are	1, 8 inches in thickness.

The work appears to be substantially and well executed, the walls straight and plumb, the arches well designed, and correctly turned. The whole building is covered with a roof, and slated, except the portion of the front to which the portico will be attached. The whole of the south wing is floored, and the two upper stories plastered. The window frames are set, and the sashes and outer doors are all made.

Upon inquiry into the second object of the instructions, "to ascertain the description of materials required for immediate use," it appears that there is a sufficient quantity of slate on hand for finishing the roof, but that it cannot be laid, until a parcel of copper is received for the ridges and gutters. This article is of the first necessity, as every shower now penetrates the arches and injures the work under this unfinished part; 24,000 feet of floor boards are wanted for the North wing and front building, to prepare them for plastering, and 4,100 feet of glass for the windows. The girders for the piazzas are prepared, but cannot be raised, until the cast iron pillars are procured. Three columns of the portico are worked, and about one quarter part of the stone entablature to rest upon them, being all the free stone that

is on hand; a further supply is wanted immediately, both for the portico and for the piers under the side piazzas. A supply of granite and free stone is also wanted for the foundation of the portico and steps, to be laid this season, to prepare for raising the columns.

A large quantity of stone will be wanted for the steps of the outside and for six staircases, but this is not essential for the present season. It will be expedient to look for a more lasting material than the common free stone used in the building; either of limestone from Baltimore, or fine granite from the Quincy quarries near Boston.

Upon a full survey of the work which he was ordered to inspect, the subscriber has pleasure in stating, that the location of the hospital appears well calculated for health, and to gratify the feelings of the hardy seamen for whom it is raised; that the work is well executed, and does credit to the science and practical skill of the architect, J. Haviland, Esq. and to the diligence and attention of Mr. William Wells, who has superintended the execution of the work; and that it may be finished in another season, if no delay should occur in obtaining materials.

Respectfully presented to the Hon. Commissioners of the Navy Hospital Fund, by their obedient servant,

CHARLES BULFINCH.

July 14, 1829.

K.

ESTIMATE of the number of rooms which will be required to be furnished, at the Navy Hospital, for the accommodation of the superintendents, and others, who will reside thereat; as taken from the report of Doctors Cutbush, Marshall, Davis, and Erving, made 16th March, 1812, in obedience to the 4th section of the Act of Congress, of February 26, 1811; and an estimate of the sum which will be needed to purchase necessary furniture for them.

Furniture for two lodging rooms for two Assistant Surgeons	\$ 380
Dining room for ditto	300
Furniture for Steward's room	190
Do. Ward Master's	150
Do. Matron's	190
Do. 4 nurses'	200
Do. 1 cook's	100
Do. 2 washerwomen's	150
Do. 3 servants'	100
Do. a lodging room for the commanding officer of the establishment, instead of the Surgeon's (who may not reside at the Hospital)	190
Do. the parlor of the Commanding Officer	500
Do. Porter's room	150
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	\$2,600
Estimating the expenses for the Asylum as equal to the above for the Hospital, will give a sum to be provided for furnishing the establishments, for the accommodation of the resident superintendents and other officers and domestics	<hr/> <hr/>
	\$ 5,200

The above estimate of the expense of furnishing each room, has been formed from such data as were deemed reasonable, but is by no means given as being the amount absolutely required for the objects proposed.