

## This PDF is part of the Philadelphia Water Department Historical Collection Accession 2004.071.0001 Frederic Graff Jr. Scrapbook, 1854-1857

It was downloaded from www.phillyh2o.org



AN ORDINANCE FOR THE ORGANIZATION OF AMATINE FOR THE ORGANIZATION OF AMATINE BE FOR THE MET OF THE ORGANIZATION OF AMATINE BE FOR THE MET OF THE ORGANIZATION OF AMATINE BE FOR THE MET OF THE ORGANIZATION OF AMATINE BE FOR THE MET OF THE ORGANIZATION OF THE ORGA

smooth appropriate by the City Council for each respectively. Section 14. And be it enacted and ordained. That the annual report of the Water Department shall be made on or before the first day of February in each year. It shall contain the shallstice of the department, as receipts and expenditures or money in detail; the history of leading events and such opinions and recommendations as may be necessary, relating to the conditions and maprovements of the works. Quarterly reports shall also be made, centaining such information as the Water Board may have in their possession relative to the Water Board may have in their possession relative to the Water Board may have in their possession before mentioned shall be made to the Mayor and City Council.

of work under each head of expenditure which it proposed to unsertake, and which can be brieficially accomplished; and a statement of the cost of ch, together with the unwont of salares and congenies to be paid in the office, and exhibiting a toloit the expenditures contemplated to be made dury the ensuing twelve months, commencing on the st day of January. Section 16. Ind be it enacted and ordained. That e apprapriations which the City Councils may deem necessary to make, for the preservation and repair the work, shall be applied to those objects alone, and those which are made for the extension of mains dipipes, and for any new work, shall not be exceed by the expenditures for those purposes during a year in which they are youd, unless our some gent necessity, and by ordinance of the City Councils.

Cil.

Section 17. Said be it enceted and ordained. That
the Water Board shall have power to make all contracts for material and work, which shall be printed
or in writing, when the amount is important, or for
new work, and verbally when for small or customary
rerairs.

the Water Board shall have power to make all contracts to material and work, which shall be printed or in writing, when the amount is important, or for new work, and verbally when for small or customary regains.

Section 18. And be it enacted and ordained, That p blic notice shall be given, in two daily papers having the largest circulation, of the time and place at which sealed proposals will be received for enteriog into contracts.

Section 18. Ind. be it enacted and ordained, That the Water Board shall require security for the performance of important contracts, and wherever they deem it necessary.

Section 20. Ind. be it enacted and ordained, That no more than one proposition shall be received from any one person for the same contract, and all the propositions of the person offering more than one small be rejected.

Section 91. And be it enacted and ordained. That all sealed proposals for contracts shall be for a sum certain as to the price to be paid or received, and no poposition which is not thus definite or certain, or which centains any alternative condition or limitation as to price, shall be received or acted on.

Section 22. And be it enacted and ordained. That it shall be the duty of the joint. We ter Committee of the City Council.

Section 23. And be it enacted and ordained. That they shall also, immediately after each i spection of the Works, appoint a committee of three for their body to search and examine all the books, accounts and vouchers of the Department, and the receipts of the water fronts, and for connections with sewers, and make report thereof to the City Council.

Section 24. And be it enacted and ordained. That they shall also, immediately after each i spection of the Works, appoint a committee of three or their body to search and examine all the books, accounts and vouchers of the Department, and the receipts of the water Board have and keep all in untable property in Samuel. And be it enacted and ordained. That the Water Board have and keep all in untable property in Samuel. Appro

I MIRPHYS -

WATER RENTS — DEPARTMENT OF WATER, S.W. corner of PIFTH and CHESNUT Streets—Jatuary 4, 1855.—By a Supplement to an Ordinance organizing the "Department for Suppling the City with Water." It is provided, That all Water Rents shall be payable to the Register of Water Rents, at his cflice, snnually, in advance, on the Second Monday in January; and upon all Water Rents unpaid upon the first day of April, in any year, there shall be charged the sum of five per centum; and all rents unpaid on the first day of July, in any year, there shall be charged the sum of five per centum; and all rents unpaid on the first day of September; in any year, the ferrules of all such delinqueut water tenness shall renamin unpaid on the first day of September; in any year, the ferrules of all such delinqueut water tenness shall be detached and suits instituted for the recovery of such rent, and all premises in arrears will be desired of the water until the said arrears are paid, and the sum of two dollars incurred for the expense of cutting off.

In accordance and in compliance with the provisions of the said Ord annee, notice is hereby given to the Water Rents for the year 1855, will be received at the Office of the "Bepartment for Supplying the City with Water." (late City Treasurer's Office) S. W. corner of CHESNUT and FIFTH Streets, on and after MONDAY, the ethinist. Office hours, from 9 o'olock, A. M., until 3 o'olock, P. M.

32-36

# 32 VALUABLE TABLE.

The State Superintendent of Weights and Measures, of New York, has compiled the following tables which will be found exceedingly useful to those who will take the trouble to preserve them. The measurements are internal and intended to be

even.

A box 30 inches long, 22 2-5 inches wide, and 10 inches deep will contain a barrel, 5 bush-is.

A box 24 inches long, 16 inches wide, and 14 inches deep, will contain half a barrel, 2½ bu-bels.

A box 21 inches long, 12 4-5 inches wide, and 8 inches deep, will contain 1 bushel.

A box 12 inches long, 11 1-5 inches wid-, and 8 inches deep, will contain 11 bushel.

inches d-ep, will contain half a bu-hel.

A box 12 4-5 inches long 7 inches wide, and 6 inches deep, will contain one p ck.

A box 8 inches long 8 inches wide, and 4 1-5 inches wide, and 5 inches wide, a

A box 7 inches long, 44-5 inches wide, and 4 inches deep, will contain one gallon.

A box 7 inches long, 44-5 inches wide, and 4 inches deep, will contain half a gallon.

A box 41-5 inches long, 4 inches wide, and 4 inches

ches deep, will contain one quart.

### THE DEBT OF GREAT BRITAIN.

The Public debt of Great Britain at the peace of The Public debt of Great Britain at the peace or 1815 was £864,890,000, and had decreased in Jahuary, 1854, to £770,923 000. The total debt at 3 per cent., was £508 000,000; at 3½ pr reent £218,000,000; and the debt of Ireland, £39,000,000; miscellaneous, £5,923 000. Total, £770,923 000; with an annual charge of about £27,800,000.

#### THE DEBT OF FRANCE.

The public debt of France is much smaller than that of England, but her credit is no better if as good. Her debt consists in Rentes at 3, 4, and 4½ per cent, amounting in January, 1853, to 5,576,952,000 france, or £223,078,109. For the last foursoz, not ranes, or £225,016,103. For the fact but teen years there have been very extraordinary deficits in the French revenues; in 1847 the deficit amounted to the enormous sum of 257 millions of francs. During this period of fourteen years, the year 1852 alone shows an excess of revenue over expenditures. New and large loans of the present year of course have added to the growth of the debt of the country.

SCIENCE, ART AND DISCOVERY.

STEAM AS AN INDUSTRIAL AGENT.—Mr.
William Pairbain, whose great services in developing mechanical science can never to overlooked or forgotten in any quarter of the world where underhanical taleine possenses are at all, the exigencies of the times, by delivering two claimaterial control of the times, by delivering two claimaterial control to the Uardia and Industrial Arts.? In the great centre of steam power, such a subject, dommented upon by nuch an authority, and coming, too, in the wake of the movement there making to secure a better system of steam uperintendere, was certain of meeting with more than ordinary attention; were duly, appreciated by the large audiences assembled to meet him. In that portion of his discourse which related to boilers, he stated that the cylindrical or apherical was the most eligible and the stronges form in which from place would resist internal pressure. The deduction for loss of strength, on account of rivered joints, and the position of the plates, was about 30 per cent. for the double rivered joints, and 4 per cent, for the single come; the arcustles (coaling the plates 160) believe having their joints crossed and soundly riveted. Flat surfaces, frequently exential, were not so objectionable with respect to strength, and the position of the square inch was the ultimate strength of boilers having their joints crossed and soundly riveted. Flat surfaces, frequently exential, were not so objectionable with respect to the construction. This was proved by the realt of experiments made on the occasion of the bursting of a courseponded in every respect to the sides of the fire box of the expression of the stays being indicate and in the plate of the construction. This was proved by the realt of experiments and of sinches area. The other contained 25 aquares of 15 inches area, the stays heing in squares, of 16 inches area, the stays him defended to the first stay of the stays was innerted. The state of the stay of the stay of the stay of the stay of the st

MERICAN ACADEMY OF MUSIC.

TO ROHITEOTS.—At the request of Architects, time for the receipt of competition designs for the a House to be erected at Philadelphia, has been execuntil the fitteenth of day of December, 1854.

order of the Building Committee. By order of the Building Committee.

oc23 31-tf SAMUEL BRANSON.
Secretar

#### AREA OF STATES AND TERRITORIES.

According to the Census Report, the area of the United States and Territories is 2,936,166 square miles. The following table, taken from that docu-ment, but transposed so as to give each its proper rank, shows the area of each State and Territory.

	-
Square Miles	32-5 Square Miles.
Nebraska Ter335,882	North Carolina50.704
Utah Territory 269, 170	Mississippi47,156
3 exas	New York47,000
	Pennsylvania45,000
Oregon Territory185 030	Tennessee45,600
Minnesota Ter'v 166.025	Louisiana41,355
California	O io39,954
	Kentucky37,680
Kansas	Indiana33,809
	Maine31,766
	South Carolina29,385
	Maryland11,124
	Vermont10,2 2
	New Hampshire 9,280
	New Jersey 8,310
	Massachusetts 7.800
	Connec icut 4,674
	Dclaw re 2,120
	Rh de Island 1,306
	District of Columbia 60

The Nebraska Territory is large enough to cut up into seven States of the size of New York, and leave a surplus of territory large enough for a State the size of Connecticut. Kansas Territory has an area sufficient to make two States of the size of Ohio and one of the size of Indiana. Texas will make four States of the size of Alabama and one of the size of Indiana; and California has a sufficient area to convert into sixteen States of the size of New Hampshire, and leave a surplus to make one about the size of Massachusetts.

#### THE DEBT OF THE UNITED STATES.

The public debt of the United States outstanding on the 20th of November, was as follows:

Loans of 1842,	\$4,823,170	81
" " 1843,	2,400	00
" "1846		26
" "1847		
" 1848,		
Texan indemnity		
" unissued		
Old funded and unfunded debt,		
Treasury notes,	113,061	64
Corporate cities' debt,	3,600,000	00
Total,	44,975,456	05
Of this, \$5,000,000 is not issued.		

### For the Pennsylvania Inquirer The Opera House.

DEAR SIE:-Some time since I found in your paper a copy of the Circular of the Building Committee of the new Opera House, addressed to srchitects, with a partial descriptions of what they desire to be done. When I read the Circular, I could not help making the following observations and remarks:

1. As the lot on which the building is to be erected, is not of sufficient depth, it will be necessary to have four instead of three rows of boxes, it being otherwise impossible to seat 4000 persons.

2. It is necessary to know, whether the Theatre is to be arranged for summer and winter performances, or the latter only?

3. It is very essential, nay, necessary, that the street on the south of the Opera House should be at least thirty feet wide—for if only fifteen feet wide, as proposed, it would not only prove insufficient for the exit and entrance of the spectators, but a nuisance, and would make it a very warm resort in Summer.

4. Whether closed seats are desired, and to what extent, should be mentioned, as it requires a particular arrangement.

5. It should be stated whether it is desired to have the parterre or the parquette the largest?

6. They should state whether they deisire to have besides corridors also refreshment rooms, or not?

7. If they wish to have rooms for rehearsal or mot?

8. Whether they desire the janitor to live in the house or in the portico, or not?

9. And finally, whether it would not be advisa ble, rather than spoil the whole enterprise and its object, to raise funds, if such should be wanted, by a mortgage on the property, provided they could

net be raised in any other way. If you deem these observations worthy of the

attention of the Committee and Stockholders, please insert them in your valuable paper, and add that in my estimation, the outside of the Opera House should be that of a plain, but dignified and respectable house, and the principal aim should be to render the inside of the house in every respect comfortable, and as elegant as possible

An Architect who has built Theatres.