

Oklahoma City Okla October 28 1903

The Regents met at office of State Natl Bank pursuant to call of President

Present	Hon G W Sutton Pt
	J L Wilkin
	R E Wood
	D. L Larsh Secty
Absent	Hon H B Gilstrap & Hon T B Ferguson Gov.

The minutes of meetings of Sept 19th and Oct 17, 1903 were read and approved.

The President presented report of Committee of Experts, appointed by him on Oct 17-1903 to examine into matter of materials used in construction of Science Building, which report is as follows--

Dr. G. W. Sutton, President
Board of Regents of the
University of Oklahoma

Dear Sir:-

Your committee appointed under authority of a certain resolution of the Board of Regents, of the University of Oklahoma, and acting pursuant to such appointment respectfully submit the following report:

The said resolution which we return herewith as a part of this report is in the following language: "Resolved, that the President of the Board of Regents be directed to secure the services of a board of three persons, consisting of one architect and two contractors and builders of experience and standing, to examine the East and South walls of foundation of new Science building of the University now in course of erection at Norman and report to the President of the Board of Regents whether the brick used in said walls are of a kind and quality suitable to be used in the construction of a building of this character as shown by the plans and drawings."

We met at Norman, Oklahoma on the 20th day of October, 1903, pursuant to your instructions, and proceeded to the building mentioned in said resolution, and caused the east wall thereof to be exposed to the bottom of the foundation in five different places: we also removed parts of said wall and of the South wall, in several places, or at such points as seemed most likely to show bad work and poor brick, if any, and also had portions of the cement plastering removed from the outside of said wall, and made a thorough examination of the kind and quality of brick used in the construction of said East and South walls. The specifications, which we carefully read, set forth that the brick to be used in these walls shall be one of several kinds. (Oklahoma City Pressed Brick & Tile Co. American Pressed Brick & Tile Co., Chandler or Purcell). That the

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brick shall be of the "kiln run", and of "approved quality." Our examination of the walls disclosed that the brick used therein were of the kind called for in the specification, to-wit: Purcell Pressed Brick, but of better grade or quality than the average of the "kiln run", and as to the requirement that they should be of "approved quality", understanding such specifications to mean that the brick must be approved by the Superintending Architect, we find that the brick used in these walls were approved by such Architect. Upon inquiry we found that eight car loads of brick had been condemned as a whole by said Architect, but that he subsequently modified this order so that the hard brick might be selected and used from the said eight car loads; and our examinations of the walls disclosed that so much of the said eight car loads of brick as were used in the walls were of a better grade than the "kiln run"; and we find that these brick and all other brick used in the construction of the said East and South walls are of the kind and quality required by said specifications and will not disintegrate by action of the elements.

As to whether the brick called for in specifications are of the kind and quality suitable to be used in the construction of a building of such character as is shown by the plans and drawings?

We carefully studied the plans and drawings of this building and determined the quality of brick suitable to be used in the foundation walls thereof, having reference to the crushing load which such walls must support at the weakest point, to-wit: at the top of the footing, and the quality of brick necessary to resist six times the working load, (such being the factor of safety used in building walls of this kind); we then made a thorough test of several samples of brick taken from places in these walls, the same being the average of those used as near as we could ascertain this fact; and we find, allowing 100 lbs. per square foot of floor space (both floors included) for live load and computing the dead load from the weight of the structure when completed, that it is not possible that a greater load than seven tons per square foot surface of foundation brick can be brought to rest on these walls, and it is not probable that such load will ever rest thereon. Our test of said brick shows that the brick in these walls are of a quality to carry a "safe load" of twelve tons per square foot, and will require seventy-two tons per square foot to crush.

Therefore we are of the opinion that the brick called for in the said specifications, and used in these walls, are of a kind and quality suitable to be used in the construction of a building of such character as shown by the plans and drawings of the building in question.

S. A. Layton.

W. S. Cooper.

S. A. Howe.

Upon motion duly seconded the foregoing report was accepted and approved and it appearing that the findings of the committee that the materials being used in the walls of Science Hall were good and sufficient, it was ordered that the Architect be directed to instruct the contractors T OKeefe & Co to proceed with erection of said building under the terms of their contract with the Regents.

The following bills upon duly authenticated vouchers were presented, audited by the Board, and warrants ordered drawn on the respective funds in payment

General Fund

Carl Milan	Work in office	4.00
Frank Flood	Work on tank, tower & lab	38.50
Do	" " ditch	21.15
Hess & Carr	Ptg & staty for office	13.50
W C Smith, Exp Agt	Express charges	13.95
Normal Millg & Grain Co	1 car coal, oil etc.	91.95
August Brebrich	Work on grounds	14.75
Normal Telephone Co	Phone service	16.35
J J Burke	Postage	10.00
J Walker Field	Newspaper work advertising	30.00
Ed P Hubbard, Mgr	Telegraph service	1.55
Jno H Johnson	Hauling water	3.00

Building Fund

W. F. Flood	Painting on gym & lab	29.90
Do	Do	11.20
Do	Do	38.20
	Paid by warrant no. 64	<u>79.30</u>

Equipment Fund

Library Bureau	Library Supplies	11.00
F Weber & Co	Supplies art dept	145.97
Iler & Co	Alcohol	73.13
U S Water & Steam Supply Co	Pipe fixtures	3.23
Scruggs & Cooper	Frt chgs on equipment etc.	39.58
Do	Do	114.00
Do	Do	63.46
Do	Do	33.69
R D Swisher Mgf Co	Rubber stamps	5.50
Office Bank & Library Co	Mdse	29.92
H J Brunner Hdw Co	Keys	1.25
Horace Partridge Co	Gym app	19.72
Eimer & Amend	Chemical supplies & app	2291.91
Wards Nat Sci Estab	Supplies Geol Lab	125.00
Truax Green & Co	" Med "	18.34

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W F Flood	Labor mtl shades gym	64.00
Rand McNally & Co	Maps	76.00
Geo T English & Co	Geol supplies	5.50
Narraganset Mch Co	Supplies for gym	103.13
Jas D Maguire	Hdw	11.35
U S Steam Supply Co	Pipe	38.49
J B Brady Carpet Co	Carpets & Linoelum (sic)	197.18
Office Bank & Library Co	Valt Fittings & Truck	398.00
G P Putnam & Sons	Books for library	610.15

Regent Wilkin laid before the Regents several communications written by Prof F S Elder to Governor T B Ferguson and same were directed to be preserved in the Secretarys files subject to further action of the Regents, at a future meeting

/s/ D L Larsh
Secty

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