Voucher No 214
$3.00
Jas. M. Moore
Paid June 1st, 1880

47-M-69

Adams
June 1 1880
W. B. Andrews P.P.

Lexington Ky June 1st 1880

A & M College Dr

to Jas. M. Moore

for one Months work from the 1st of May to the 1st of June as Supt of Farm at thirty dollars a month $30.00

Recd Payment

Jas. M. Moore

This account is correct

Jas K. Patterson

Received Payment
Jas K Patterson

Agricultural and Mechanical College — Dr.

To Geo. D. C. Buell for expenses incurred on behalf of said College — $28.40

This account is correct
James K Patterson

Approved
June 2 1880
W. B. Kinkead C. B. D.

Received from Prof. J. K. Patterson $28.40 in payment of the above account
D. C. Buell

5.00
3.25
8.80
2
17.60

Jan Rickhart to Lunsville
— Lunsville to Leavenworth
Note at Lunsville Coming
Coming Leavenworth
Lunsville Bag Freight
Note to Dept
Returning
Bag Freight Leavenworth
Hotel at Leavenworth

5.00
3.25
8.80
1.00
1.40
.320
1.000
.80

47-27-04

Voucher No. 215
$ 28.40

Pres. Jas. C. Patterson
for Geo. D. Buckle
Paid June 3rd 1880

Best, Cheapest, and Most Complete Job Printing Establishment in Central Kentucky

S. F. WILSON.

D. N. ZIMMERMAN,
(Late Gen'l Foreman Trans. Pr. & Pub. Co.

Lexington, Ky. June 7 1880

Mr Agricultural & Mechanical College

To **Wilson & Zimmerman,** Dr.

The Leading Job Printers of Lexington,

18.....

CORNER CHEAPSIDE AND SHORT STREETS.

This account was settled for Wilson

June	7	1 M Envelopes	3 75	
		Diplomas	15 00	
		500 Circulars	2 50	
		Programmes	9 40	
				30.65
		Received Payment		
			Wilson & Zimmerman	

Voucher No. 220.
$30.65

Wilson & Zimmerman
Paid June 12th 1880.

Allowed
June 7 1880
W B Kinkead Aud.

47-M-67

Lexington Ky. June 6. 1880.

State College

To Frank J. Wolf Dr.

June 3 To furnish Music at Commencement $25.00

A. & M. College of Kentucky Dr.

To J. B. Thorn for services as janitor from May 1 to June 8 @ $8 per month $10.13

Key for College 30

$10,43

38/640
2.13

This account is correct

Lucas K. Patterson

Received payment:

J. B. Thorn

Voucher No. 216
$10.45
J. B. Thorn
Paid June 11th 1880.

NEW PHŒNIX HOTEL,

C. F. SIMONDS, Proprietor.

Lexington, Ky., June 9 1880.

Agricultural & Mechanical College Dr
to D. C. Buell
To Expenses incurred on behalf
of said College in attending the
meeting of the Board of Trustees
held in Lexington June 8th and
9th 1880, & 1 day absence with constituent $32.15
Recd payment from Jas K
Patterson D. C. Buell

Received payment from Jas. White, Treas.
Jas K. Patterson

47-11-64

Fare to Louisville theater	11.10
Hotel at Dr. going & coming and	
15. 225 300 1 day time with architect	6.75
Baggage at Louisville going & coming	2.00
Fare to Lexington the theater	6.50
Baggage Dr.	.80
Hotel at Lexington,	5.00
	$32.15

Together Nov. 2/17
$32.15
Jas. R. Patterson
for Gen. D.C. Buell
paid June 11th 1880.

35.00
35.00
70.15

Allowed
June 10 1880
W.B. Kinkead C.F.C.

This acc. is correct
Jas R. Patterson

NEW PHŒNIX HOTEL,

. F. SIMONDS, Proprietor.

Lexington, Ky., June 9 1880.

A. & M. College to L. J. Bradford Dr

To necessary expenses for attending one meeting of the Board of Visitors and two meetings of the Board of Trustees of Agricultural and Mechanical College of Kentucky $35.30

Received payment from Prof. Lewis R. Patten

L. J. Bradford

Received payment from Jas. R. Patten, Jr.

Voucher No. 219
$35.00
Jas K. Patterson
for leol. L. J. Bradford.
Paid June 11th 1880.

Affirmed
June 10 1880
M. B. Kinkaid Clk

This case is dismd.
Jas K. Patterson

47-M-67

Recd of Prof Patterson Thirty
eight dollars & 50 cents,
my necessary expenses
in coming to & returning
from Lexington to attend
a regular meeting of
the Trustees of the A & M
College — June 9th 1880

A R Boone

Received payment from
Jas. H. White, Treas.,
Jas R. Patterson

This account is correct

Jas K. Patterson

Approved

June 9 1880

W. B. Kirkpatrick Ch Ex Com

47-M-64

Voucher No. 2118

$38.00

Jas K. Patterson

for A. R. Boone

Paid June 11th 1880

A. & M. College, Dr to N. J. Weller

Ten Dollars ($10), balance due him for services as Tutor, second Term of Session 1879 – 80.

Received payment

N. J. Weller.

Correct

Jas R. Patten

Approved
June 15 1880
W. B. Kirkwood C. B.

Voucher No 222
$1,00
N. J. Weller (Patrol)
Paid June 16th 1884

47-M-64

Agri. & Mich. College Dr

To J. G. Sinclair for necessary expenses incurred on behalf of said College in attending two meetings of Board of Trustees $15.00

This account is correct

James K. Patterson

Approved

June 14 1880

W. B. Kenkead Chm Ex C.

Voucher No. 223.
$15.00
J. G. Simrall
Paid June 16th 1880.

Received payment —
June 16th 1880
J. G. Simrall
By R. I. Breckinridge

47-11-64

General Fund of Agricultural and Mechanical College of Kentucky, Collegiate year 1880-1

Dr.				Cr.	
To Salaries of Professors and Instructors			$16000	By Congressional fund	$9900
" Steam and Gas fitting			500	" Proceeds of 1/2 cent tax on $100	17000
" Students' labor			2000	" Probable Surplus	8400
" Rent	Woodlands	$600		" Tuition and other fees	1000
	Masonic Lodge	225		" Ice from Pond	150
	Farm	800	1625		$31450
" Apparatus and Machinery			2500		
" Mulligan			300		
" Advertising			200		
" Printing			50		
" Postage and Stationery			50		
" Sine Pendulum			25		
" Janitor & Engineer			500		
" Fuel			400		
" Stocks and Implements			400		
" Miscellaneous			1000		
			$30000		
" Salary of Treasurer			500		
" " " Secretary			300		
			1050		

47-M-64

1880

$10,000.

2:19. ALEXANDER 2:19.

Will succeed "George Wilkes" in the stud at $100. Mares not in foal may be returned free next season. ALEXANDER is a grand black-brown horse; 16 hands high, of fine substance, length and quality. He is by Ben Patchen, by Burlington, by Geo. M. Patchen, 2:23½. His dam is by Canada Jack, by Roodhouse's St. Lawrence. Some of his performances are:

SAGINAW, June 18, 1880.

Alexander	3	1	2	1	1
Gr. g. Cloud	2	3	1	2	3
Palma	1	2	3	3	6

And four others.

2:22¾, 2:22½, 2:23½, 2:25, 2:25.

BEACON PARK, BOSTON, June 9, 1881.

Alexander	1	1	1
Sheridan			
Banquo			
Dan Smith			

2:24½, 2:23¾, 2:23¾.

MYSTIC PARK, BOSTON, June 14, 1881.

Alexander	1	1	1
Sheridan			
Banquo			

2:26¾, 2:26, 2:26½.

NARRAGANSET PARK, PROV., June 21, 1881.

Alexander (2:19 class)	1	1	1

Sheridan, Banquo, Wizz, and Jersey Boy trotted.

2:25, 2:22½, 2:25.

BELMONT PARK, PHIL., May 17, 1881.

Alexander 1 1 1
McGregor, Jersey Boy, Silverton, Edwin Thorne, Scotland, and Hamiltonian Mambrino, trotted.
2:22¾, 2:23, 2:22½.

POINT BREEZE, PHIL., May 24, 1881.

Alexander (2:21 class) 1 1 1
Jersey Boy, Edwin Thorne, Voltaire, Kentucky Wilkes and Irene trotted.
2:20¼, 2:20, 2:20½.

ROCHESTER, July 4, 1881.

Alexander ($10,000 for all stallions 1 2 2 1 2 2 1
McGregor 2 1 1 2 3 3 3
Santa Claus 5 4 7 3 1 1 2
Hannis, Wedgewood, Bonesetter, and Moneroe Chief trotted.
2:19, 2:19, 2:18¾, 2:19¼, 2:21, 2:23, 2:25½.

"Had the track not been muddy, 2:15¾ would have been beaten."—*Record.*

He took blue ribbons and won free for all over sixteen horses at St. Louis, 1880.

ALEXANDER 2:19.

Mr. Simmons, of the Ash Grove Farm, Lexington, Ky., is singularly fortunate in obtaining the famous trotting stallion, ALEXANDER, record 2:19, to fill the void created by the death of George Wilkes. Of all the untried entire horses of the United States, taking into consideration the blood-lines, size, form, speed and stamina, ALEXANDER undoubtedly is the best selection that could have been made to come to Kentucky, being a great grandson of the famous Geo. M. Patchen, 2:23½, the sire of Lucy, 2:18¼, and of Godfrey's Patchen, the sire of Hopeful 2:14¾, and the Godfrey Horse in turn is the grandsire of J. B. Thomas 2:18¾. The dam of ALEXANDER descends from St. Lawrence, the Canadian, to which traces the dam of Mambrino Gift 2:20, Scotland 2:22½, etc. In speaking of him a contemporary says:

GEORGE WILKES' SUCCESSOR.

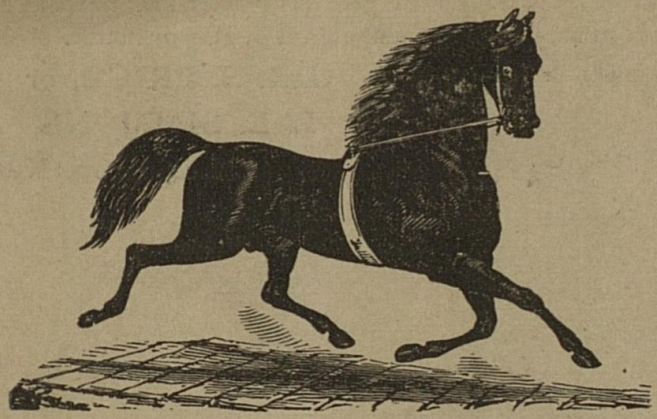
In place of George Wilkes, Mr. Simmons has obtained the celebrated trotting horse ALEXANDER, which arrived to-day. He is a beautiful black, of fine size, sixteen hands, well developed in every desirable respect, and a fine picture of a trotter. He is only eight years old, by Ben Patchen, dam by Canada Jack, and is owned by W. C. France, of New York. He has a remarkable record so far, and has been retired from the turf just as he was climbing the ladder of fame among the great ones of the land. He has to his credit heats as follows: 2:21½, 2:22½, 2:25, 2:25, 2:27, 2:23, 2:22, 2:22⅛, 2:22, 2:20½, 2:20¼, 2:20, 2:22½, 2:23½, 2:26, 2:26, 2:26, 2:25, 2:25, 2:25, 2:19, 2:19¼, 2:25½. The last race in which he appeared was at Rochester, New York, last summer, when he trotted for a purse of $10,000. He won the first heat in 2:19, the fourth in 2:19¼, and the seventh in 2:25½.

The race was trotted over a heavy track, and in it he defeated the principals, camp-followers and helpers, trotting second in every heat not won by him, and defeated the strongest and grandest galaxy of trotting stallions that ever appeared on the turf together, viz: Robert McGregor 2:18, by Major Edsall; Santa Claus 2:17½, by Strathmore; Hannis 2:17¾, by Mambrino Pilot; Wedgewood 2:19, by Belmont; Bonesetter 2:19, by Brook's Horse, and Monroe Chief 2:18¼, by Jim Monroe. On our in-bred Hambletonian and Mambrino mares he will make a capital out-cross, and should not be overlooked by our breeders.—Bourbon News.

ALEXANDER is the only stallion in Kentucky with a record of 2:19 made in a race with other horses. He has twenty-four heats in 2:30 or better; seventeen in 2:25 or better, and eleven in 2:23 or better.

Address DR. S. PRICE, or
L. E. SIMMONS,
Lexington, Kentucky.

Transylvania Printing Co., Lex., Ky.



The Agricultural & Mechanical College

to

W. R. Kenkaid Dr

1879

November 11. To fare to Frankfort and back on business of College $2.30

1880

March 6 - To fare to Frankfort and back 2,30

4.60

This account is correct

Jas R. Patterson

Voucher No 2225
$4.60
W. B. Kirkwood
Paid June 22nd 1880.

Filed June 22 1880
W. B. Kirkwood Clk.

47-M-44
Filmed January
W. B. Kirkwood

A. & M. College of Ky. Dr.

to Jas. H. White for articles purchased for College

1872.		
Feb. 13th	Glass cutter	$0.15
" "	Slate for Prof. C's room	.15
March 20	Kindling wood	1.00
April 1	Bucket 40 ax handle 20	.60
	Hinges & screws	.35
	Pad lock & keys	.60
" 5	Tacks 15, rope 50	.65
" 12	Nails 10 Hinges 15,	.25
" 27	boxes	.35
May 9	A. R. Crandall's bill at Purnell's	4.30
" 18	Nails 10, twine 25	.35
	Stamps used during treasury-ship	.50
		9.25

This account is correct. Jas. K. Patterson

Cr. By cash from J. H. Baker for hinges & replacing hinges broken by coal cart .65

$ 8.60

June 8th Expenses to & from Frankfort 2.30

$10.90

Received payment
Jas. H. White.

Voucher No. 226
$10.95
Jas. G. White
Paid June 22nd 1870.

Affirmed
June 21 1870
M B Hubbard J.P.

47-M-64

A. & M. College of Ky Dr.
to Wolf & Frost
for music furnished at
Commencement exercises
June 9th 1880 $19.00

This account is correct
Jas K. Patterson

Approved
June 22 1880
W. B. Kinkead C. B. V

Received Payment
Wolf & Frost

Voucher No. 227
$19.00
Wolf and Frost
Paid June 22nd 1880.

A. & M. College of Ky. Dr.

to Wm Warren ~~V. March~~

for use of Opera house

for Commencement exercises

June 8th 1880. $20.00

This account is correct

James K. Patterson

Approved

June 22 1880

W. B. Kinkead C. B. V

Rec Payment

Wm Warren

Voucher No. 228
$ 2.00
Wm Warren
Paid June 22d 1880.

49-11-64

456

Lexington, Ky. ..... 188.....

Mr. A and M College (for Woodel)

Bought of **E. R. SPOTSWOOD,**

LUMBER YARD AND PLANING MILL,

MAIN STREET, ABOVE PHŒNIX HOTEL.

June 24/80

Wilson & Zimmerman, Prs., Lexington, Ky.

2	pl oak	2×4 14	20	2½	50
2	pine	2×8 14	38	2½	95
4	oak	1×6 14	28	✓	56
					$201

This acct. is cond.
Jas R. Patterson

E R Smithwood

Pl. 1

47-11-64

400

J. B. MORTON,
JNO. M. GREENWAY,
A. R. MILLIGAN.

Lexington, Ky., 30th June 1880

Agl & Mechl College

Bought of **J. B. MORTON & CO.,**

WHOLESALE AND RETAIL

BOOKSELLERS, STATIONERS AND DRUGGISTS,

No. 27 EAST MAIN STREET.

1880

Febry	10	Chalk 10¢ W 18 - 3¼" Chalk 20¢ J G W		30		
Mch	3	11" Chalk 70¢ " 29 1 Record Book 2.00 -	B. F. Buckner	2 70		
	29	3" Do 18¢	W	18		3 18
April	20	10" Do 60¢	"	60		
May	1	1 Record Book 2.00	B. F. Buckner	2 00		
June	24	1 Qr Mucilage	Port R	1 00		3 60
						6.78

Correct so far as Chalk is concerned.
J. G. White.

[redacted] Hams & 1 Record Book 2.00 Mar 29 & 1 Record book 2.00 May 1 /80 are both Correct

B. F. Buckner Sec Board Trustees & of Executive Committee

400

Agl & Mech College

2

J B Morton & Co

$6 70

#2

allowed. Aug 7/80.

Ta 21

47-11-64

WILLIAM A. WILSON,

Promoter of National Banks,

Banker and Broker,

543 DELAWARE ST., KANSAS CITY, MO.
AND
1418 HARNEY STREET, OMAHA, NEB.

COMMERCIAL PAPER,
BANK RE-DISCOUNTS,
SCHOOL, CITY AND COUNTY BONDS,
RAILROAD AID AND BRIDGE BONDS,
REGISTERED COUNTY WARRANTS.

MY SPECIALTY IS

Securing Good Locations and Promoting NATIONAL BANKS.

REFERENCE { National Bank of Commerce, Kansas City, Mo.
Metropolitan National Bank, Chicago, Ill.
Continental National Bank, St. Louis Mo.
First National Bank, Omaha Neb.

KANSAS CITY, MO.

RARE OPPORTUNITY

TO PURCHASE DESIRABLE BANK STOCK AT BOTTOM PRICES.

The Continental National Bank

ST. LOUIS, MISSOURI.

Is Organizing with $2,000,000 Cash Capital.

☞ ONLY FOUR NATIONAL BANKS IN ST. LOUIS WITH A COMBINED CAPITAL AND SURPLUS OF $4,300,000.00. POPULATION 500,000.

BOSTON HAS FIFTY-SEVEN NATIONAL BANKS WITH $69,500,000 CAPITAL AND SURPLUS. POPULATION 390,393.

I have undertaken to place the stock of the "Continental National Bank," of St. Louis, Mo., and will give you a few facts and figures bearing upon the subject:

Bank stocks, under good management, are profitable, and attended with little risk, hence are universally regarded with favor, as a permanent investment. St. Louis is a good field; this fact is conceded by all financiers, informed on this subject. What St. Louis is, as to wealth, resources, possibilities, large trade and extensive manufacturing interests, with the entire West and Southwest from which to draw trade, is too well known to demand any comment in this announcement. That the opportunities for large business are there furnished, no one doubts. St. Louis is a rich city, with 500,000 population, and yet her banking capital is inadequate to her business demands. The St. Louis *Globe-Democrat* in a recent issue says, "It is conceded by all well-informed citizens, that St. Louis is not over banked, but on the contrary is a fine field for more banking capital. It has been a matter of comment that St. Louis has fewer National Banks than any other city on the continent of equal size and wealth." The St. Louis *Republic* says, "The banking capital of St. Louis, in which we may include surplus, is totally inadequate for the business demands of this city, (and the following figures are cited in confirmation of this assertion.) Chicago has 23 national banks, employing $23,223,000, capital; Baltimore, 20 national banks with $17,140,000, capital; Cincinnatti, 14 national banks with $11,500,000, capital; Boston. 57 national banks, with $69,500,000, capital, and St. Louis only 4 national banks, with $4,300,000, capital." In point of business, wealth and resources, St. Louis equals any of the cities named, save Chicago. Such towns as Providence, Louisville and Kansas City exceed St. Louis in National banking capital, when as a matter of fact, all three of these cities combined have not the manufacturing or business now enjoyed by St. Louis. The bankers of St. Louis themselves say, "We need more banking capital."

This is a rare opportunity to secure stock in a new national bank, where the capital is really needed. Better still, the "Continental National Bank" will be new in name and capital, but will not be new as to accumulated business. It will succeed to the very fine business which has been established after many years of labor and business tact by the "Continental Bank." The "Continental Bank," will liquidate and the "Continental National Bank" will absorb its deposits and take such of its assets as the new bank wants and the retiring bank guarantees, thus the deal is clean and fair to all. The experience, financial tact, and good name of the Officers and Directors of the retiring bank, will be utilized in the organization of the "Continental National Bank."

The Continental Bank has been under its present management for about eight years; its growth and success is a matter of pride to its officers. In 1880 the capital stock was $100,000, surplus $11,000, deposits $400,000. In 1884, the capital was increased *out of earnings* to $200,000, and $20,000, passed to surplus. The deposits at that time were a little less than $2,000,000,00. One year ago, the surplus was increased to $108,000, and deposits showed $2,700,000. The bank has paid in cash dividends since July, 1880, $116,000; increased its capital $100,000, and now has $140,000 surplus, thus showing net earnings in nine years of $351,000, (more than trebling its original capital.)

The following shows the condition of the Continental Bank at close of business March, 14, 1889:

RESOURCES.

Loans and Discounts		$1,969,970,46
Stocks and Bonds		137,056,29
Real-Estate		63,000,00
Due from Banks	$502,768,52	
Cash on hand,	945,444,50	1,448,213,02
Total		$3,618,239,77

LIABILITIES.

Cash capital	$200,000,00	
Surplus fund	140,039,24	340,039,24
Due depositors		3,278,200,53
Total		$3,618,239,77

Geo. A. Baker, President; J. M. Thompson, Vice-President and Chas. W. Bullen, Cashier, have been large factors in reaching these results, and with the new bank, even greater success awaits their efforts.

The capital stock of the "Continental National Bank," will be $2,000,000, divided into 20,000 shares of $100.00 each. The stock will be placed at $110. per share. $1,000,000 of the stock has already been pledged to St. Louis parties. A large per centage of which has been subscribed by the Directory and stock-holders of the retiring Continental Bank. I have $1,000,000 of the stock to place, and will award same, in the order in which the subscriptions are received, and as soon as the stock is consumed, the books will be closed, and an immediate organization perfected. The change will be made as of March 14th, 1889, and all further earnings of the "Continental Bank" from that time will inure to the new organization. The premium on the new stock will be divided so as to compensate the Continental Bank for the business and good-will surrendered and pay the expenses of organization, and with the earnings to be acquired from March 14th, until the transfer is made a surplus will pass to the credit of the new bank of $65,000 to $80,000. The new bank will start with a good business already established, clean and good assets, efficient officers and directors, experienced and acquainted in the field occupied, and a surplus fund as stated, and without doubt, grow in business, and earn good dividends from the beginning.

Stock like this is not often acquired on such favorble terms, and in my judgment this stock will be quickly taken, hence, if you really want any of it, the opportunity will soon pass from you, unless embraced at once.

The conversion of the "Bank of Commerce," at Kansas City, Mo., in August, 1887, to the "National Bank of Commerce," increasing the capital from $200,000,00 to $2,000,000,00, and the success following the same, will, where it is known, largely stimulate subscriptions to this offering. The two deals are very similar. Each had a good name, about equal in capital and business, and both increasing to $2,000,000,00. The National Bank of Commerce without any special effort on their part, were offered $10,000,000 in subscriptions within 30 days. Only $2,000,000 were accomodated. The stock was placed at $110. and the entire premium passed to the credit of the old bank. From the day the bank opened the earnings were good, the increase was rapid and semi-annual cash dividends of 5 per cent have been paid to the stockholders, and 1 per cent every six months, passed to reserve fund. The stock has steadily advanced in price until at this date it cannot be bought for $1.35.

The prospects of success to the Continental National Bank are even better than those enjoyed by the National Bank of Commerce—better because St. Louis is a better City than Kansas City. The opening is better because St. Louis has more wealth, more business, more manufactories, more people, and a larger field from which to draw trade. These are my arguments plainly stated. The books are now open, and offerings can be telegraphed or mailed to me. Proper acknowledgment and notice of award will be made. The inclosed blank we offer for use, which fully explains condition of subscription.

I refer by permission to the "National Bank of Commerce," Kansas City, Mo., "Metropolitan National Bank," Chicago, "Continental Bank," St. Louis, and the "First National Bank," of Omaha, Nebraska.

WILLIAM A. WILSON.

543 Delaware Street, KANSAS CITY, MO.

P. S.—First subscriber outside of St. Louis was W. S. Woods, President National Bank of Commerce, Kansas City, Mo. As soon as presented to him, he visited St. Louis, made personal examination of the eterprise, and subscribed for 500 shares. He is regarded as one of the best financiers in the West.

47-M-64

Desiring to give all the information possible bearing on this subject, I submit the following

COMPARATIVE STATEMENTS.

JULY 1st, 1880.

RESOURCES.		LIABILITIES.	
Loans and Discounts,	191,748.81	Capital Stock	$100,000.00
Bonds and Real Estate,	157,049.70	Surplus,	11,487.32
Cash,	168,627.35	Deposits,	405,938.54
	$517,425.86		$517,425.86

APRIL 1st, 1884.

RESOURCES.		LIABILITIES.	
Loans and Discounts	$1,295,254.07	(Capital Increased from Earnings)	$200,000.00
Bonds and Real Estate	166,654.49	Surplus,	20,039.68
Cash	690,067.56	Deposits,	1,931,636.44
	$2,151,976.12		$2,151,976.12

MARCH 29th, 1888.

RESOURCES.			LIABILITIES.	
Loans and Discounts		$1,144,364.88	Capital Stock	$200,000.00
Bonds and Real Estate		173,876.90	Surplus	108,461.26
Demand Loans,	446,235.00		Deposits	2,783,112.70
Due from Banks,	423,310.84			
Cash on Hand,	903,786.34	1,773,332.18		
		$3,091,573.96		$3,091,573.96

MARCH 14, 1889.

RESOURCES.			LIABILITIES.		
Loans and Discounts		$1,969,970.46	Cash Capital	$200,000.00	
Stocks and Bonds		137,056.29	Surplus Fund	140,039.24	340,039.24
Real Estate		63,000.00	Due Depositors		3,278,200.53
Due from Banks	$502,768.52				
Cash on Hand	945,444.50	1,448,213.02			
		$3,618,239.77			$3,618,239.77

CASH DIVIDENDS PAID SINCE JULY, 1880, $116,000,00.

OFFICERS AND DIRECTORS.

GEO. A. BAKER, President.

J. M. THOMPSON, Vice-President.
And President Terminal R. R. Co.

CHAS. W. BULLEN, Cashier.

C. S. FREEBORN, Agent Star Union Line.

H. A. CRAWFORD, President of Missouri Iron Co. and Sligo Furnace Co.

I. G. BAKER, of I. G. Baker & Co.

GEO. W. PARKER, Vice-President and General Manager Cairo Short Line R. R. Co.

L. B. TEBBETTS, of Deere, Mansur & Co.

JOSEPH HILL, General Superintendent Vandalia Line.

R. C. KERENS, President Western Anthracite Coal Co.

CHAS. F. GAUSS, President of Gauss, Shelton Hat Co.

H. L. MORRILL, General Manager St. Louis & San Francisco R. R. Co.

Certificate of Settlements with Jas. G. White as Treasurer of the A. and M. College of Ky. as copied from treasurer's book and from Sept 1878 to July 1st 1880.

The Executive Committee by order of the Board of Visitors have proceeded to settle with the Treasurer to the 1st of July 1879 - have examined his books and vouchers and tested their correctness - and hereby certify that the foregoing statement, resulting in a balance in the treasury's hands, on this day of $530 60/100 is correct. July 1, 1879.

Ex. Committee { J. P. Metcalfe, Chairman Board Visitors. Wm. C. P. Breckinridge.

The Committee appointed by the Executive Committee of the Board of Trustees have proceeded to settle with the Treasurer to the 1st of July 1880. They have examined his books and vouchers and tested their correctness, and hereby certify that the foregoing statement resulting in a balance of Eleven Hundred and fourteen dollars and

(over)

47-M-64

five cents is this day handed over
to R. S. Bullock, Treas. elect of the Board.

J. H. Robinson
R. S. Bullock } Comt.
Jas K Patterson

THE KENTUCKY GAZETTE,

CHEAPSIDE,

SUBSCRIPTION:
SEMI-WEEKLY, - - - - - $5.00.
WEEKLY, - - - - - - - 2.50.

Lexington, Ky. 187

Mr Ky. A. & M. College.

To Kentucky Gazette, Dr.

1880				
July	3	To ad. first Session	5 00	
"	7	" " Notice to Contractors	5 00	
Aug.	14	" " City & County Bonds	5 00	$15 00

Received order on
Trasurer No 42
A S Elmore

Received Payment.

#1.

Leading Newspaper & Best Advertising Medium in the South-west.

All Bills with established houses presented monthly. Sight drafts made on parties out of the city without special arrangement otherwise.

Louisville, Ky. ..... 1880.

N P McDonald & Bro

To Courier-Journal Co., Dr.

July	9	Prof to build College House	27/100

Mr McDonald
Send this bill to
Mr Wm Wood
Circuit Clerk

Courier-Journal
$27.00

#7. Allowed -

4-7-11-04

Lexington Ky July 13th 1880

Judge W B Kinkead, Chairman Executive Committee A and M College of Kentucky

I propose to do the Plastering on the Presidents House according to the plans and specifications for Three hundred and seventy five dollars. ($375.00/100).

I will do the Plastering on the Dormitory according to the plans and specifications for Two thousand one hundred dollars ($2100.00/100).

I will do the Plastering on the College according to the plans and specifications for Two thousand nine hundred dollars. ($2900.00/100)

I will deaden the floors in the College according to specifications for Three hundred and twenty five dollars. ($325.00/100)

I will concrete the floor of College basement according to specifications for nine hundred dollars ($900.00/100)

Very Respectfully.

J H Staples.

900
325
2900
2100
375
6600

Louisville July 13 1880

Mr. McDonald & Bro

Sirs

I propose to paint and glaze the A and M. College and Dormitory and Residence at Lexington Kentucky, According to present plans and Specifications for the Sum of three thousand three hundred and Seventy Dollars $3370.00

John Ryans

Gentlemen of the Committee of the Kentucky A & M. College,

We will Lath & Plaster the College Buildings, - including College Building proper, President's Residence, & Dormitory, according to Plans & Specifications as made by H. P. McDonald & Bro. for the sum of Four thousand three hundred Dollars ($4.300 00). This Proposals includes ~~the~~ deadening the floors of the College building proper.

Perry & Jackson,

Lexington Ky. July 13th 1880.

John E. Carpenter, Late with Al. Bourlier & Bro. Agts.
Joe. F. Annear, Late with Helm & Annear.
A. B. Burnham.

OFFICE OF

Carpenter, Annear & Co.

GALVANIZED IRON CORNICE WORKS.

THE HAYES' PATENT SKYLIGHT---THE BEST MADE.

Nos. 46 and 48 Ninth Street,

Louisville, Ky., July 14 1880

H. P. McDonald Esq.
Lexington Ky.

Dear Sir

We give you below an itemized statement of our bid for Galv. Iron work with Pressed Zinc ornaments, & Tin Work on A. & M. College, as follows

Galv. Iron Work	3318.78
Capitals on Tower	305.06
Capitals on Building	970.66
Total	4594.50

Tin Work on College Building	929.67
" " " President's House	77.55
" " " Dormatory	572.83
" " " Boiler House	75.80
Total	1655.85
Galv. Iron Work	4594.50
Grand Total	6250.35

John E. Carpenter,
Late with Al. Bourlier & Bro. Agts.

Joe. F. Annear,
Late with Helm & Annear.

A. B. Burnham.

OFFICE OF

Carpenter, Annear & Co.

GALVANIZED IRON CORNICE WORKS.

THE HAYES' PATENT SKYLIGHT---THE BEST MADE.

Nos. 46 and 48 Ninth Street,

Louisville, Ky., ... 18

The Zinc work on the Capitals will be First Class Pressed & Spun work will not be hammered work as is usually used by Cincinnati Houses in Cases of this Kind. While these itemized figures are sent for your private information if you see any way you can use them to our advantage we would be happy to have you do so

Very Respectfully
Carpenter, Annear & Co
J.

John E. Carpenter, Late with Al. Bourlier & Bro. Agts.
Joe. F. Annear, Late with Helm & Annear.
A. B. Burnham.

OFFICE OF

Carpenter, Annear & Co.

GALVANIZED IRON CORNICE WORKS.

THE HAYES' PATENT SKYLIGHT---THE BEST MADE.

Nos. 46 and 48 Ninth Street,

Louisville, Ky., July 14 1880

Judge A. B. Kinkead
Chairman Executive Committee
Lexington Ky---- Dear Sir
We propose to do the Galvanized Iron work with pressed zinc ornaments, and Tin work on College Building, President's House, Dormatory and Boiler House, for the A. & M. College of Kentucky at Lexington in strict accordance with the plans & specifications prepared by Messrs. H. P. McDonald & Bro. complete for the sum of Six Thousand Two Hundred and Fifty 35/100 Dollars ($6250.35/100) as follows

Galv. Iron work with pressed zinc ornaments.	$4594.50
Tin work	1655.85
Total	$6250.35

Respectfully Submitted
Carpenter, Annear & Co.

47-11-64

Louisville Ky July 15th 1886

Mr. W. S. Kinkead

Sir I Propose to Complete the Brickwork on the A & M College Building to be built in Lexington Ky according to Plans and Specifications made By A. P. McDonald and Brother of Louisville Ky for the sum of fifteen thousand eight hundred Dollars

$15,800

this includes Paving and Concreating the

H. P. McDONALD. KENNETH McDONALD.

H. P. McDONALD & BRO.

ARCHITECTS.

Southwest corner Fourth and Market Sts.

Louisville, Ky. July 15th 1880

Mr W B Kinkead Sir

I Propose to complete the Brickwork on the A & M College Buildings to be built at Lexington Ky according to Plans and Specifications made by H P McDonald an Bro for the sum of fifteen thousand five hundred Dollars $15,500

this includes the College Building Dormitory Boiler house and stack and Presidents Residence Paving Cellar and Concreating

Your Resp.
G H Allman Bricklayer
925 Walnut St
Louisville Ky

C. S. SNEAD.
President.

UDOLPHO SNEAD.
Vice-President.

Market St. Architectural Foundry & Iron Works.

THE SNEAD & CO. IRON WORKS.

Louisville, Ky., 15th July 1880

Judge W. B. Kinkead.
Chairman Executive Comm.

Dear Sir.

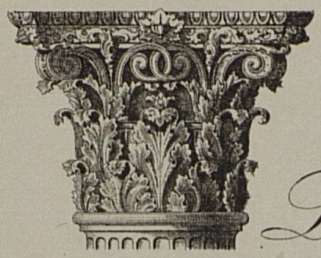
We propose to furnish deliver and set the "Wrought & Cast" Iron Work for "College Building" "President's House and Dormitory" for the A. & M. College of Ky at Lexington, according to drawings and specifications of Mess. H. P. McDonald & Bro. Architects for Thirty hundred & Seventy five Dollars. $3075.00

Very resp'y
Udolpho Snead.
Vice President.

C. S. SNEAD.
President.

UDOLPHO SNEAD.
Vice-President.

Market St. Architectural Foundry & Iron Works.



THE SNEAD & CO. IRON WORKS.

~~Snead & Co.~~

Louisville, Ky., 15th July 1880

Judge W. B. Kinkead
Chairman
Lexington, Ky

Dear Sir.

Enclosed we hand you proposal for the A & M. College Lexington Ky. for the Wrought & Cast Iron Work.

We shall be pleased to learn the result of the bidding and to receive a synopsis of the bids for our branch of the work

Very resp.
Udolpho Snead
Vice Prest.

H. P. McDONALD. KENNETH McDONALD.

H. P. McDONALD & BRO.

ARCHITECTS.

Southwest corner Fourth and Market Sts.

Louisville, Ky. July 15th 1880

Hon Judge W. B. Kinkade Chairman A & M Collage Building Committee

Sir

We the undersigned propose to do the plastering of the A & M Collage Buildings Namely The Collage Building, Dormitory Building, & residence for President We to complete the said plastering & furnish all Necessary Materials According to plans & Specifications furnished by H. P. McDonald & Bro for said work for the sum of Four thousand & fifty dollars $4050.00

Resp'y

B. J. Campbell & C.

July 15 [1880]

Committee on Plumbing & Gas Fitting
A. & M. College

We hereby agree to do the gas fitting as per specification (Lex gas leo rules) and the plumbing work in Presidents House as per specification for the sum of Eight Hundred and fifty dollars
$850.00

Lex July 15. Donnelly & Williams

CHAS. COBB, President. M. S. BELKNAP, Gen'l Manager. A. DUMESNIL, Sec'y and Treas.

OFFICE OF THE

BELKNAP & DUMESNIL STONE COMPANY.

CONTRACTORS AND DEALERS IN

ROUGH, SAWED, AND DRESSED STONE.

CORNER EIGHTH AND OAK STREETS.

Quarries and Mills at Memphis Junction, Ky.

Louisville, Ky. 15th July 1880.

Judge W. B. Kinkead
Chairman Executive Committee

Sir.

We propose to furnish, dress and set all of the Bowling Green stone required for the A. & M. College & Dormitory, in accordance with plans & specifications prepared therefor by Miss H. P. McDonald & Bro, & to the satisfaction of said Architects & your Committee, for the sum of Seven thousand two hundred & twenty five Dollars ($7,225.00)

Very Respy
Belknap & Dumesnil Stone Co
by A. Dumesnil Secy & Treas

KENTUCKY PLANING MILL.

G. E. MOODY.

John MANGOLD.

John MITCHELL.

Factory

AND

LUMBER YARD,

Ninth St. near Broadway,

Office of G. E. MOODY & Co.

Louisville, Ky, July 15th 1870

Judge W. B. Kinkead, Chairman Ex. Com;
Lexington Ky

Dear Sir,

I propose to do the joiners and carpenters work, and furnish all material and hardware necessary for the erection of A & M college building, according to plans and specifications furnished by Messrs. S. J. McDonald & Bro. - for the sum of Twenty one thousand two hundred and Sixteen 92/100 Dollars ($21.216.92)

By college building I mean; College building, Presidents House, Dormitory and Boiler Room.

Respectfully Yours,
John Mitchell

F. BUSH. W. E. BUSH.

ENTERPRISE MILL.

F. BUSH & SON, PROPR'S.

Manufacturers of and Dealers in

DOORS, SASH, BLINDS, FLOORING, AND ALL KINDS OF CARPENTER'S WORK.

Contractors for all kinds of Buildings.

Corner Vine and Lower Streets,

Lexington, Ky. July 16th 1880

Judge W. B. Kinkead
} Chairman Building Cont
of A and M. College

Gentlemen

We Propose to furnish all Materials and do the Carpenters work on the Proposed Horse Dormitory College Building Boiler and Engine House - According to the Plans and Carpenters Specification for the sum of Seventeen thousand five hundred (17500) Dolls

Respectfully
F. Bush Son

1880

Lexington Ky July 16th 11.

To the Hon Committy of the A & M. Coledge

Lexington

We will furnish glass and material for said coledge and do or cause to bee done according to plan and Specifications all the painting varnishing and work that comes under the head of painting for the sum of twenty nine hundread dollars and will use nothing but the best of material (or we will do ~~any~~ of them as follows

coledge Building	$19560
Dormitory	9800
presidents House	3750
Boiler House	300

we will do any of the baildings
seperately for the sum specified
and furnish every thing
you will give you Mr Charles
Wooley of the firm of Hayman
& wooley for security if
we get the Job we will do
you a Good Job of work
verry respectfully &
Young & Bass

5

Lexington, July 16th 1880

To Judge N. B. Kinkead,

Dear Sir

We propose to furnish and erect Boilers and Steam Heating Apparatus complete, for warming the Main Building and Dormitory of the A and M. College in this city about to be built, for the sum of Fifty two Hundred and Sixty two (5262) dollars.

Price

Said Boilers and Apparatus to be constructed according to the plans and specifications of H. P. McDonald Esq. Superintending Architect except so far as it is hereinafter specified.

Said Boilers to consist of two Horizontal Flue boilers, forty two (42) inches diameter and twenty one feet long. of best C. H. No. 1 Boiler iron one quarter (1/4) inch thick, and heads of best Flange iron seven sixteenths thick. Flues fifteen inches diameter, of same quality of iron as the Shell and one quarter inch thick. Heads stayed and seams riveted as specified. Length of sheets not less than two feet.

Boilers of size specified, or, if preferred to consist of two

Boilers 40" x 24' or 42" x 21

Iron-work

The Front, Firebrick and other ironwork and Masonry as specified. —

The Boilers to be connected so one or both may be used.

Breeching

A Breeching of heavy sheet iron will connect the Boilers to the Smoke Stack.

Steam-pump. A Steam Pump of approved Manufacture and size will be provided and set to supply the boilers with water both from the source provided and from the water of condensation returned from the Apparatus.

Automatic-Attachments An Automatic Pump Regulator will be attached to control the speed of the pump according to the height of water in the Boilers.

" An Automatic Alarm will be attached to notify the attendant if the water gets too low.

Other fixtures. A three (3) inch brass seated and trimmed Safety valve, a five (5) inch dial Steam Gauge, a 12 inch Glass water Gauge with Scotch Glass-tube, and a chamber with three Gauge cocks, will be provided each boiler. A set of Stoking tools will be provided.

Cisterns The cisterns ~~will be~~ provided by you are to receive the water of condensation from both buildings.

catch basins. Basins for catching sediment, scale or grit from the return pipes will be located near the cisterns.

Radiators

Main-building.

The Heating surface of the Main Building will consist of Vertical Wrot-iron pipe Radiators except in the Basement and Chapel.

Said Radiators to be of capacity named in specifications, be painted any ordinary color desired, be furnished with valves, and ~~automatic~~ air-valves, and be heated as directed by Supt. or Executive Committee.

Wall-coils.

The Heating surface in the Basement to consist of Horizontal wall coils of wrot iron pipe, with valves and Steam Traps for discharging the water of condensation to the Main return. — Said Traps may be adjusted to allow the escape of the water of condensation only when cooled to the temperature deemed economical for its return.

Steam-Traps.

Chapel

The Chapel to have one vertical Radiator, as above, by the platform, and an inch and a quarter heating pipe located under each seat. There will be the necessary valves to control the steam and to allow the escape of the air from the pipes.

Dormitory

The Heating surface for the Dormitory will be Vertical Radiators for Entrance Halls and Wall-coils for the rooms. All to have valves and air-valves and be neatly painted.

Out door mains.

The Mains between Boiler House & Buildings to be enclosed in two inch plank casings covered with cast tar. The Supply pipe inside covered with paper pulp to retain the heat. ~~These to be Seventy five (75) cents per foot extra.~~

Connecting pipes

The connecting pipes will be of best lap-welded wrot iron pipe, of ample size for the work, be properly supported and provision made for expansion and contraction. They will be so graded that they may be drained and so they may be operated without serious noise.

Fittings to be heavy cast iron and put up without strain liable to cause breakage.

Guarantee.

We guarantee the Apparatus capable of operating properly and of warming the buildings named to a temperature of 70° Fah^t when it is zero outside, said Guarantee to extend one year from completion.

Apparatus complete.

The meaning of our proposal is to furnish a complete Apparatus in all its parts whether anything is omitted or not in this paper or the specifications and plans of the Architect. Any changes, additions or deductions directed by the Supt or Ex. Com^tee to make only a proportional change in price.

Assuring you of faithful and prompt attention to everything connected with the job if it be awarded us we are

Respectfully &c

Mc Kirkup & Son

per J. K. Abbott

To Hon W. B. Kinkead
Chairman of committee
A & M. College

I propose to furnish the material necessary to do the brick work on the A & M. College building according to plans and specifications furnished by H. P. McDonald & Son architects Louisville Ky for the sum of twelve thousand seven hundred dollars, $12700 00/100

A G Brewner
Frankfort
Ky

July 16th 1880

3

To Hon W. B Kinkead
Chairman of committee
A & M. College building

I propose to furnish all the material necessary for the completion of the A & M College building according to Plans & Specifications furnished by H. P. McDonald & Bro architects for the sum of Fifty six Thousand Two hundred dollars ($56 200 00)

July 16th /68 A G Brawner
Frankfort
Ky

X

Lex July 16 1880

To W B Kincade Chairman of Executive Comitee of A & M College

We the undersigned Propose doing the Plastering and furnish materials for same according to Plans and specifications of the
Dwelling
Dormitory and Basement
College Buildings of the A & M College for the sum of $ 5.200
Deadning in main
Building 244

Geo R. Clark
Luke McGovern
W. R. Snyder

To the Building Committee of the
A. & M. College at Lexington Kentucky
Gentlemen

We propose to furnish materials & do or cause to be done, the Plastering on the usual Buildings, in accordance with the Plans & Specifica=
=tions of same, on the following Terms.

The College Building & Presidents House $2480=00
To Concreting the cellar & deafening three floor
of the College Building $340=00
$2820=00

All completed with good materials in accordance with said Plans & Specifications in a work=
=manlike manner

~~[illegible]~~ will give a satisfactory Bond for the completion of said contract

All of which is respectfully submitted

Lexington. Ky. July 16th 1880

O'Terney & Co

[July, 1880]

Judge, W. B. Rutkead

Sir

We will furnish Materials Nails Hardware & Complete the Carpenters Work on College Building according to plans & Specification For the Sum of Nine Thousand ($9000.00) Dollars

Will Furnish Materials Nails & Hardware and Complete Carpenters Work on Dormitory for the Sum of Seven Thousand five hundred ($7500.00) Dollars

Will also Furnish Materials & Complete Carpenters Work on Preindents House for the Sum of Two Thousand Two hundred ($2200.00 Dollars ~~Boiler~~ House One hundred & fifty ($150.00) Dollars Making total Carpenters Work Eighteen Thousand Eight hundred & Fifty ($18.850.00) Dollars

Or Will do all of the Work on the 3 Building & Boilerhouse for the Sum of Fifty Sixty ($5.600.00) Dollars Except The Steam fitting

Yours Respt

Thos. Sparks & Bro

Lex July 16 1880

Wm B Kinkead

Chm B Com A & M College

Sir

I will do all the brick work
Joining Concreting and Cistern
necessary in the Erection of the
Building for A & M College after
plans & Specification as drawn
by Mr McDonald of Louisville
for the sum of Fifteen thousand
five hundred $15500 — $15.500

Excavation — 1.200

128 Jno C Spon

CRANE, KELLEY & CO.

Successors to CRANE, BREED & CO'S Heating Department,

683 West Eighth, and 248 Walnut Street.

ENGINEERS OF
HEATING AND VENTILATION.

Hot Water, High or Low Pressure Steam.

Cincinnati, July 16th 1880.

Judge W. B. Kinkead
Chairman Executive Com.

Dear Sir:

We propose to furnish all the materials do all the labors necessary in the construction of a Steam heating & ventilating apparatus for your new Dormitory & Class Building in strict accordance with our specifications herewith submitted for the sum of Fifty nine hundred & fourty ($5940.00) dollars. Should you decide to award us the contract we will furnish you ample bond for the faithful performance of the same.

Resp. Yours
Crane Kelley & Co
Formally
Crane Breed & Co.

1 1 [July 16, 1880]

To the Hon. Board of Trustees
of the A. & M. College
Lexington Ky Gentlemen:

We propose to furnish all the materials do all the labors necessary in the construction of a steam warming & ventilating apparatus for your new Dormitory & class room buildings about to be built at Lexington Ky. in accordance with the following specifications, to wit:

Boilers.

We propose to locate in the Boiler House two boilers 48 inches in diameter 26 feet long with two 16 inch flues each. Shell to be 1/4 inch C.H. No 1 iron, heads 3/8 inch flange iron Heads to be well braced, the boilers chipped & caulked & furnished with a boilers inspectors certificate as to their standing a test of 175 lbs to the sq. inch befor leaving the yards.

Each boiler will be furnished with a man hole & hand hole provided with a heavy plate & yoke made tight with a mettal gasket all in the best possible manner. There will be six cast iron lugs of a heavy pattern riveted to these boilers to support the same on the side

walls of the masonry. These lugs to have their flat surface planed true & level & set upon a similar plate also planed true & level. Between these plates we will place for each lug two 3/4 inch pieces of round steel. By this plan together with the construction & plan of the masonry hereafter discribed the boilers are allowed to expand without injury to the walls.

Where we are compelled to take a pipe over 1/4 inches in diameter from these boilers we will furnish & securely rivet to the shell a cast iron flange cut with a thread for the size of pipe desired. These flanges to be placed on the boiler when they are under course of construction with hot rivets, also rivet iron gasket thoroughly caulked & made tight under the above test. All holes less than 1/4 inch in diameter to be cut into the shell with a good distinct thread.

Iron Work and Fixtures.

With these boilers we propose to furnish a full cast iron front of an ornamental pattern and heavy in weight. With this front & securely fastened to the same and made to fit by ground joints we propose

to furnish double ash pit & feed doors
The feed doors opening into the fire pots will be arranged with heavy cast iron schields arranged with air space between doors to keep the same from warping.
These fronts to be furnished with a large cleaning doors secured with latches that when opened will expose the whole front ends of the boilers By this plan repairs can be made without disconnecting breching piping &c and cleaning is facilitated.
The castings of this front will cover the whole front walls of the boilers.
The fronts to be securely anchored to the brick work by bolts &c & made a satisfactory job to your Supt in charge.
For support to the side walls of the masonry we propose to furnish 10 heavy cast iron buck bars with rods & nuts passing from side wall to side wall of masonry at the bottom & top of the bars.
With this boiler we will furnish of heavy patterns all grate bars, braring bars, rods, nuts, anchors back & front flue plates &c necessary to make the job complete and secure the masonry, all to the satisfaction of your Architect & Supt.
For each boiler we propose to furnish

of standard qualities, a six inch steam gauge of the american pattern, a 12 inch glass water gauge, three water gauge cocks, a cast iron water column, a 2½ inch safety valve with brass seat & stem, a 2½ inch blow off straight way valve with pipe leading to a sewer or cess pool in the boiler house provided by you.

For the water gauge cocks we propose to furnish brass drip pans with pipe leading into the ash pit.

To each boiler we will furnish one of our improved pattern automatic damper regulators attached by brass chain to a balanced damper door made in the front with openings leading into the ash pits.

By moving the weights any desired pressure of steam can be maintained without constant attention and as an economizer in the consumption of fuel & labor we consider it indispensible. All these fixtures to be connected to the boilers with cocks or valves in case of repairs the apparatus can be run without them.

We propose to furnish with these boilers a full set of firing tools consisting of a poker hoe, slice bar, stoking tool, scoop, and a

flue brush for cleaning with a jointed wrot iron handle.

In the back wall of boiler masonry we propose to locate a door sufficient in size to admit a man for cleaning & in case of repairs. This door will be located opposite the man head located in boiler head.

Masonry

We propose to encase these boilers in a 12 inch hollow wall with a division wall 16 inches thick. The work to be done in a neat manner, well grouted & the quality of brick, sand, lime &c & the manner of mixing to be to the satisfaction of your Dept.

The fire pots bridge walls, and all places exposed to the effects of the heat will be lined with best quality of Scioto fire brick, set in fire clay mixed & set hot.

We propose to set the boilers & arrange the flues that the gasses will pass under the boilers back through the flues to the front & back over the top to the rear where the gasses are taken to the stack through a wrot iron breeching. This breeching will be taken from the top of the masonry through a casting made similar to a flue plate with a cast iron collar to admit of the breeching.

There will be a return flue at the front

& back of the boilers. The fire pot at the front will be seperated ~~from~~ from the front return flue by means of an arch made of arch fire brick laid in fire clay. The back return flues will be seperated by means of a heavy cast iron flue plate ribbed on the upper side to strengthen the same.

The flue over the top of boilers will be made by casting two rows of brick laid on edge for the lower course & flat for the upper.

This will be thoroughly grouted & plastered all to the satisfaction of the Supt.

On examination of the ground it is decided to set the boilers with a stokers pit we will form the same by a 12 inch wall capped by a 12"x3" fire stone capping and have the bottom of the same with brick laid on edge to a point beyond which the ashes will come in cleaning out & the balance with brick laid in the usual way.

The smoke & gasses will be conducted from these boilers through a wrot iron breeching made of black iron No 12 in size This breeching to be neatly & securely made and arranged with dampers so that either one or both boilers can be used at will. This breeching to be made tight by caulking. All iron work

piping above discribed to be coated twice with gloss black paint. The boiler masonry to be painted & striped as may be desired.

Connecting Pipes

To the above discribed boilers we propose to run a series of steam connecting and condensed (or return) pipes of such sizes as will attain a thorough circulation of steam through out the apparatus with but one pound pressure at the boilers. The returns to be of such size as to easily bring back the water without crowding in the coldest weather. The main ~~sd~~ feed pipe when it leaves the boilers for the houses shall be no less than 7 inches internal diameter & as branches are taken from this main supply it will be reduced until the last radiator in the system is reached. We propose to run this main supply to the houses through a gloss tile pipe made water tight with cement. The main feed and return pipes passing through under the ground will be relieved from strain caused by expansion by means of a brass slove expansion joints. When these expansion joints are located we propose to locate a well made of brick with a cast iron cover

so they can be easily reached in case they require repacking. All other piping in the houses will be relieved from strains either by means of the above discribed expansion joints or the manner of running the pipe.

All horizontal mains returns or branches will be securely suspended to the joist by means of our patent expansion hangers.

Where the piping pass through the wood work we will locate cast iron flanges making a neat finish protecting the same from possible fire.

Where the piping pass through plastered ceilings we will locate tin flanges making neat finish. These flanges to be secured to their places by tin bands nailed to the joist.

Where the piping pass through brick walls that are exposed we will build into the wall a piece of pipe larger in size than the one conducting the steam or water & run the same through this hole. At all reductions in the main supply pipe or the branches & at all risers we will take a relief pipe & run the same into the returns. The supply pipes will run with a slope in the direction the steam travels & the water of condensation traveling with the steam until it reaches

a relief pipe when it passes into the returns with the balance of the water returning to the boilers. The return pipes are sloped from the extreme end of the apparatus back to the boilers. By this system the steam & water of condensation does not collide which causes the noise in the ordinary apparatus. On account of the elevation of the boiler house floor we cannot return the water of condensation into the boilers without pumping. In the boiler house we will locate mason traps of such sizes as are required. We will discharge these traps into an iron tank 42 inches diameter 8 ft long shell 5/16 inch C.H. No 1 iron heads 3/8 inch flange iron made as discribed for boilers. To this tank we hope to connect a low pressure hot water pump of ample size to do the work at no more than 5 pound steam pressure. This pump will be of our own manufacture & guaranteed to do the work as above discribed. We will connect this pump & tank so than that either one or both boilers can be used. We will furnish all necessary valves, checks &c necessary to make a complete job. All piping used throughout the apparatus shall be of the best quality & all over one inch in size shall be lap weld.

The fittings will be the best gray cast iron with no malleable fittings, running threads lock nuts or unions used in any part of the apparatus.

Where desired for convenience in repairs we will make right & left coupling or flange joints

The boiler feed & returns will be arranged with valves so that either one or both can be used at will. All valves over 3 inches in size shall be iron body brass seat & stem those under this size of best quality steam metal

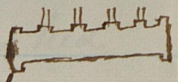
The main conducting pipes & branches shall not be less than the following sizes to heat a given amount of ~~space~~ one inch pipe: viz:

1"	Pipe	240	lineal ft.	1"	Pipe
1/4	"	400	"	"	"
1/2	"	600	"	"	"
2	"	1000	"	"	"
2/2	"	1500	"	"	"
3	"	2400	"	"	"
3/2	"	3500	"	"	"
4	"	4600	"	"	"
4/2	"	6000	"	"	"
5	"	7500	"	"	"
6	"	11000	"	"	"

and in to case will more be put on.

Heating Surfaces

For heating surfaces in the Sanitary Building

horizontal wall coils made of one inch pipe made in what is termed the miter pattern. This style has a branch for casting  with ells to make a turn to relieve the same from strain caused by expansion. These coils are to be placed along the walls and practible near the windows. They are supported along the wall by wood standards making a finish with the wainscoting to which ornamental hook plates are securely screwd which hold the pipe in place but does not interrupt the expansion. We propose to locate one of the above discribed coils in each of the Dormitory Building rooms above the basement of such size as hereafter called for to fulfill our guarantee. In the class room building in each & every room & hall way in the Basement 1st 2d & 3d floors we propose to locate one Ornamental vertical pipe radiator with cast iron tops & cornice. These radiators are of the same design & finish as those to be seen in the Phoenix Hotel office this place. In the presidents office & reception room we will furnish marble tops and bronze the radiators but in the balance of the building the heaters will be furnished with cast iron tops & painted a gloss black. We propose to furnish for heating surface in the Dormitory

& class room buildings no less than 13775 lineal feet of one inch pipe located in radiators Each & every heater & coil will be furnished with a steam valve both on the feed & return. Also an air valve. These valves will be of the best steam metal & of a heavy pattern.

All piping exposed in the rooms shall be painted a gloss ~~the~~ white & all connecting pipes not in ~~of~~ sight 2 coats black paint.

These specifications are designed to describe a complete apparatus with all materials furnished of the best qualities & labors performed.

Guarantee

We guarantee the apparatus to be first class in every respect & that it shall be noiseless after the steam has circulated We guarantee that the apparatus shall have the capacity to heat the rooms in the Dormitory Building & the rooms in the Class room Building to 70° & the Hall & stairs to 55° Fahr when the thermometer stands at Zero outside Also that the piping will be sufficient in size to attain a circulation with but one pound pressure at the boilers.

Commending this to your careful consideration with the assurance of our best endeavors to please you if you award us the the contract we are

Respectfully Yours

Crane Kelley & Co

Formally
Crane Breed & Co

NEW PHŒNIX HOTEL,

C. F. SIMONDS, Proprietor.

Lexington, Ky., July 16th 1880.

I the undersigned propose to furnish all Materials and Build two Cisterns according to Specifications for the Sum of ($800 x)

John Haly
Contractor & Builder
Frankfort Ky

No. 6

2 Cisterns

Lexington Ky July 16th 1880

I the undersigned agree to furnish the Materials and complete the brickwork in Basement of Main Building for the Sum of $550x

John Haly
Contractor & Builder
Frankfort Ky

No 5

Connecting Basement
Main Building

47-M-64

NEW PHŒNIX HOTEL,

C. F. SIMONDS, Proprietor.

Lexington, Ky., July 16th 1880.

I the undersigned proposes to furnish all the Materials and Complete the plastering of Main Building according to the Specifications for the Sum of $5,402.00

John Haly
Contractor & Builder
Frankfort Ky

No 4

Plastering

Main Building

NEW PHŒNIX HOTEL,

C. F. SIMONDS, Proprietor.

Lexington, Ky., July 16th 1880.

I the undersigned propose to furnish all the Materials and Complete fully the Brick work according to Plans and Specifications for Main House for the Sum of $8.602 x

John Haly
Contractor & Bricklayer
Frankfort Ky

No. 3

Brick work

Main Building

47-M-44

NEW PHŒNIX HOTEL,

C. F. SIMONDS, Proprietor.

Lexington, Ky., July 16th 1880.

I the undersigned propose to furnish all the Material and Complete all the Masonry and Cut Stone of Main Building according to the plans & Specifications for the Sum of ($11.994 50/100)

John Haly
Contractor & Builder
Frankfort, Ky.

2

No 2

Masonry & Cut Stone

Main Building

47-M-47

NEW PHŒNIX HOTEL,

C. F. SIMONDS, Proprietor.

Lexington, Ky., July 16th 1880.

I the undersigned propose to complete the Excavation of Main Building for the Sum of $570 x

John Haly
Contractor & Builder
Frankfort Ky

If Rock intervenes then an additional Sum of 50 cents per yard

John Haly

1

No 1

Excavations –

Main Building

Lexington Ky July 16th 1880

Chairman and Board of Directors
A and M College. Ky

Gentlemen

We will furnish all necessary paints and Glass and do the painting and glazing Presidents house dormatory and College building according to plans and specifications for the sum of Three Thousand Three Hundred and Ninety Eight Dollars.
($3398 00/100)

Yours Respectfully
C. H. Fourshee & Co.

Lexington, Ky.,
July 16th
1880

To Building Committee of
A. & M. College.

Gents:-

I respectfully submit the following proposition for Plumbing, gas-fitting and Chandeliers, as stated in the plans and specifications for A. & M. College, Presidents House & Dormitory" and agree to furnish and put in gas pipe in same according to the rules of the Lexington Gas Co, and subject to their inspection, Plumbing and "Cistern" to be put in the best workmanlike manner, Chandeliers and pendants subject to the selection of the Architect. For the sum of

$865.98

Eight hundred and sixty five dollars and ninety eight cents

John A Geary
for Archer

[1880]
[7-20-80?]

3

W. B. Kinkead, Esq.,
Chairman of Executive Committee,
Dear Sir,

We propose to do all the Tin and Galvanized Iron Work, and I. C. Drain piping leading from the down spouts to Cisterns, on the following Buildings, The Main, Domitory, Presidents House, and Boiler House, of the A. and M. College at Lexington, Ky, for the sum of Five thousand four hundred and thirty two Dollars ($5432.00).

Witt & Brown,

Com met 3:30 PM July 20th 1880
The Chairman Judge Reinkens and Mess Bullock
Genl Robinson and P. P. Johnston
present

Genl Robinson having been authorized, reported that he had closed a contract with Martin McLaughlin for the excavation at 30cts per yard which action on motion was affirmed and adopted as the act of the Com'

On motion it was determined to strike from the specifications the item of Cut Stone work, the sills and substitute therefor Stucco work

On motion it was ordered that the Architect be directed to close a contract for the Brick work with A. G. Brauner at a sum not exceeding $12,100. and with B. J. Campbell also for the plastering and Stucco work, at a sum not exceeding $4,700. and for Carpenters with Bushorson at a sum not exceeding $16,700. and with Will & Browns for Tin & Galvanized Iron at a sum not exceeding $5,432, and ascertain and report to the Com. whether the best contract that can be made for iron work and all other work not herein authorized to be contracted for

The Com then adjourned P. P. Johnston Sec'y pro tem

47-M-64

Excavation ~~1200~~	900
Rough stone	5389 2
Brick ~~12,700~~	12100
Plastering	4050
Iron work	1500
Tin & galvanized iron	5432
Carpenters work ~~1750~~	18700
Painting & Glass	2900
Stucco	1700
Cut Stone & stucco	~~6480~~
	50669
	~~55451~~
	7765
	43216

Gas 597
Steam 5262
Varnishing 1906
7765
50669
58434
~~58351~~
6480
1700
4780

55451
4780
54671

75

Lexington, Ky., July 29 1870

M. A. & M. College

Bought of **M. G. THOMPSON,**

DEALER IN

Tinware, Stoves, Hollow-Ware, Castings, &c.

14 AND 16 UPPER STREET,

BETWEEN MAIN AND WATER.

Folio

	1 Tin Box for Secretary	3	00		
	Painting and Lettering	1	50		
	1 Brass Lock		50	5	00

M. G. THOMPSON,

Stoves and Tinware.

ACCOUNT:

$ 5.00

#13.

47-M-64

Lex. July 29 1880

The undersigned respectfully requests the Executive Commte of Ky. Agl. & Mech. Col. to authorize him to procure a copper pneumatic cistern and a fixed Lecture and experiment table; both to be permanent fixtures in the new building & necessary for the purposes of instruction in Chemistry & Physics.

The cost of the two will not exceed $80.00

Respectfully Robt Peter

Lexington, Ky., 187

Mr. A. & M. College

To ALLIE G. HUNT,

Clerk of Fayette County Court, **Dr.**

1881

July 31	To Tax & Fees on Ord'd from City of Lexington	1 75

Rec'd. payment July 1st 1881
Allie G. Hunt clk

47-M-64

A. & M. College

#309.

many bids for construction
of 3 orig. bldgs +
the boiler room