

VETERINARY DEPARTMENT.			REPAIRS OF BUILDINGS AND GROUNDS.		
Models, tables, etc.....	\$400 00	\$400 00	Painting and repairs of greenhouse.....	\$600 00	
CHEMICAL DEPARTMENT.			Addition to greenhouse dwelling.....	350 00	
Experiments and apparatus.....	\$2,000 00	\$2,000 00	Addition to Prof. Cook's dwelling.....	200 00	
ZOOLOGICAL DEPARTMENT.			Addition to Secretary's dwelling.....	500 00	
Preparation and preservation of specimens.....	\$250 00		Addition to and repairing Prof. Carpenter's dwelling.....	300 00	
General museum additions.....	500 00		Woodshed for and repairing Prof. MacEwan's dwelling.....	200 00	
Apiary.....	1,000 00	\$1,750 00	Repairing Prof. Johnson's dwelling.....	150 00	
			Repairing Prof. McLouth's dwelling.....	50 00	
			Repairing Prof. Bailey's dwelling.....	50 00	
			Incidental repairs.....	1,000 00	
			Culvert and embankment in place of rustic bridge.....	500 00	\$3,900 00
ENGLISH DEPARTMENT.			NEW BUILDINGS.		
Dictionary, charts, etc.....	\$100 00	\$100 00	Barn for horticultural department.....	\$500 00	
MILITARY DEPARTMENT.			Laboratory for horticultural department.....	8,300 00	
Fitting up drill room and armory.....	\$500 00	\$500 00	Addition to mechanical building.....	3,000 00	
LIBRARY.			Barn at Prof. McLouth's house.....	300 00	
Books, etc., two years.....	\$3,000 00	\$3,000 00	Dormitories and boarding arrangements for 64 students.....	12,000 00	
FARMERS' INSTITUTES.			Apartment building for professors and their families.....	10,000 00	
Expenses two years.....	\$600 00	\$600 00	Extending water works system.....	3,000 00	
			Artesian well.....	1,000 00	\$38,100 00
			STUDENT LABOR.		
			For two years @ \$4,000.....	\$8,000 00	
			Supervision of same.....	3,000 00	\$11,000 00
			TOTAL.....		\$77,565 00

Lansing Michigan Thursday Feb 24th 1887
Office of Board of Agriculture at the Capitol 7.30 pm.

The Board met at the call of the President; present President Wells, Messrs McCreery Chamberlain Rising and Garfield, Gov. Lucie Post Mills and Secretary Reynolds, the full board

On motion of Col. McCreery it was unanimously voted that the Officers of Michigan State Board of Agriculture organize itself by the election of Hon Spauldin Wells as President of the Board.

On motion Henry L Reynolds was elected Secretary of the Board for two years

The Secretary presented a communication from Gov. Lucie announcing the vacation by him of his position by appointment on the Board incident to his entrance upon the duties of the Governorship

Hon Geo. Horton
elected

On motion the Board proceeded to elect by ballot a member to fill the vacancy thus announced. The ballot resulted in seven votes as follows: Hon Thos. D Dewey of Owosso. 1 vote. James Mc Millan of Detroit 1 vote, George B. Horton of Spuit Ridge Lenawee Co. 5 votes. Mr Horton having received a majority of all the votes cast was declared elected.

Signal Ser. Com.

On motion of Mr Chamberlain it was resolved that a committee on signal service be added to the regular standing committees of the Board.

Standing Coms.

It was resolved that the President of the Board appoint the standing committees of the Board and that he be ex officio a member of each of such committees

Leonger & Nimmo

On motion Sergeant Norman B. Leonger was appointed Director of the Michigan State Weather Service for 1887 and 1888, and E. Herbert Nimmo Assistant Director of the same under the act of the Legislature, to continue during the pleasure of the Board, and to date from the 10th inst. Board adjourned to meet at the College at 9 a.m.

1887

Agricultural College Friday Feby. 25th 9 a.m.

The Board reconvened with the same members present as yesterday.

Minutes

The minutes of the meetings of Nov. 29, 30 and Dec 1 were read and approved.

F. S. Kedzie Salary It was resolved that Mr Frank S. Kedzie's salary be fixed and paid at the rate of thirteen hundred dollars (\$1300.00) per annum to date from January 1st 1887.

L. G. Carpenter It was resolved that Mr Louis G. Carpenter's salary be fixed and paid at the rate of twelve hundred dollars (\$1200.00) per annum to date from January 1st 1887.

Mr Rising introduced the following preamble and Resolution which were adopted.

Sugar Bounty Whereas it appears by a sworn statement on file in the office of the Secretary of this Board that Mr Daniel Root of Hudson Michigan did manufacture in the year 1886 12,135 lbs of merchantable sugar from sorghum cane the methods of which manufacture are fully set forth in the statement, and

Whereas there is also on file with the above statement a certificate by Prof. R. L. Kedzie showing this sugar as tested by sample to contain 97% of crystallizable cane sugar
Therefore ^{be it} resolved ^{by the State Bd. of Ag.} that we regard Mr Daniel Root as having complied with the requirements of Act No. 268 Statutes of 1881 entitled An Act to encourage the culture of sugar cane &c, and that he is entitled to the bounty provided for in said act.

F. S. Kedzie It was resolved that ~~Mr~~ Frank S. Kedzie be and he is hereby appointed Assistant Professor of Chemistry to date from Jan'y 1st 1887.

Faculty It was resolved that we interpret the law with regard to the college Faculty that the membership shall comprise the President and Secretary of the college and the head of each department recognized as distinct in the catalogue of the institution.

Treasurer On motion Mr Benjamin J. Davis of Lansing was elected Treasurer of the college.

Bonds It was resolved that the Chairman of the Finance Committee and the President of the Board be authorized to approve of the bond of the Treasurer and Secretary and to deposit the same with the Secretary of State.

Wiseman Salary It was resolved that Mr Wiseman's (James) salary be at the rate of (\$900.00) nine hundred dollars per year from and after January 1st 1887.

Hiscock It was resolved that Mr Richard Hiscock's salary be at the rate of five hundred dollars (\$500.00) per year from and after January 1st 1887.

Abbott ^{unanimously} It was resolved that Dr. Abbott being in impaired health and needing a change of climate for his restoration be and he is hereby granted leave of absence until Sept. 1st.

Trees Mr. Chamberlain Chairman of Com. on Horticulture reported having authorized Prof. Bailey to purchase certain trees. The Board then adjourned till 1 p.m.

Agricultural College Friday February 25. 1887 1 p.m.

The Board reconvened with the same members present except Gov. Luce.

Weather Service President Wells appointed Messrs Chamberlain Willits and Garfield standing committee on State Weather Service.

Mrs. Knapper It was resolved that the Secretary pay to Mrs. Knapper for the calendar year 1887 one hundred dollars (\$100.00) in quarterly installments for her services in the College Greenhouse.

Drawing It was resolved that President Willits be authorized to make provision for instruction in drawing ^{and bookkeeping} at his discretion. The Board then adjourned to meet on Monday evening March 21st at the Capitol.

Henry Reynolds. Secy.

Lansing, Michigan March 21st 1887, 7.30 p.m.

Office of Board of Agriculture at the Capitol

The Board met pursuant to adjournment.

There were present President Wells and Messrs Chamberlain Rising Garfield Willits and Secretary Reynolds; absent Gov. Luce and Messrs McCreary and Norton.

Minutes The minutes of the meetings of July 27-29 August 2-3 August 18 and February 24 and 25 were read and approved. The Board adjourned to 9 a.m.

Lansing March 22nd 1887, 9 a.m.

The Board reconvened with the same members present as on the previous evening and after discussing informally various matters, took a recess till afternoon to meet at the College.

Agricultural College March 22nd 1887, 2 p.m.

The Board reconvened with the same members present.

It was resolved that the President and Secretary make such arrangement as may be necessary for having a regular night watchman patrol the dormitories and

Night Watch other college buildings in which students sleep, each night during the occupancy of such buildings until proper fire escapes are provided.

Fire Escapes It was resolved that the Secretary be instructed to see the Committees in charge of our appropriation bill and ask them to add to the items of the bill \$500.00 for fire escapes.

Society Reports It was resolved that the various state societies organized in the interest of Agriculture in Michigan be recognized in the annual publications of this Board and that our Secretary be authorized to publish from the transactions of these societies such proceeding as may be approved by the Board.

Hort. Experi. Plot It was resolved that that portion of land bounded as follows: on the North by the public highway; on the west by the Arboretum; on the South by an eastward extension of the south line (hedge) of the arboretum and on the East by the grove near the North entrance gate of the college grounds; be given to the Horticultural Department for experimental purposes.

President Wells announced Standing Committees as follows:

Finance	Wm B McCreery	E. W. Rising
Farm Management	Geo B Horton	E W Rising
Botany & Horticulture	C W Garfield	Henry Chamberlain
Buildings	E W Rising	Geo B Horton
Employees	Henry Chamberlain	Wm B McCreery
Institutes	E W Rising	Geo B Horton
Mechanics	Henry Chamberlain	Chas W Garfield
Veterinary	Geo B Horton	Wm B McCreery
College Land Grant	Wm B McCreery	Henry Chamberlain
Military	Wm B McCreery	C W Garfield
State Weather Service	Henry Chamberlain	Edwin Willis and Chas W Garfield.

Bailey's House It was resolved that Prof. Bailey be authorized to expend not to exceed \$15.00 in papering the front room and stairway of his house.

U. S. Bd. of Ag. The Board, presented a communication from a committee of the New Jersey State Bd. of Ag. relative to the organization of a United States Board of Agriculture, upon the reading of which it was resolved that it is the sense of the Michigan State Board of Agriculture that there is at the present time, no demand for a United States Board of Agriculture.

The Board then adjourned to 4 p. m. March 23rd

Agricultural College 5 p. m. March 23rd 1887

Stock Sale The Board reconvened after the annual stock sale with the same attendance as before. The sale was well attended the day being favorable and realized for 32 animals \$3920.00 as follows: 16 Short Horn females \$2155 at an average of \$134.69 10 Short Horn males \$1025 at an average of \$102.50. 2 Herford females

\$ 425.00 averaging \$ 212.50; 3 Herford males \$ 265. averaging \$ 88 and one Holstein bull calf \$ 50.00

It was resolved that President Wells and Professor Johnson attend the Alexander cattle sale in Kentucky April 21st 1887

Letter File It was resolved that Secretary Reynolds be authorized to purchase an office letter file to cost not to exceed \$36.00

Botanical Fund It was resolved that Prof. Beal and the Secretary be authorized to expend the balance of the Botanical Special Appropriation fund. See additional resolution written lines below

The Board then adjourned sine die

Henry L. Reynolds Secy.

Lansing, Michigan May 31st 1887

Office of the State Board of Agriculture at the Capitol

The Board met on call of President Wells, at 8.30 pm with all the members present viz President Wells, Governor Luce Messrs McHenry Chamberlain Rising Lafield Horton Willits and Secy Reynolds

The minutes of the meetings of March 21st, 22nd and 23rd were read and approved with the addition of the following accidentally omitted matter, which shall be considered part of the record of these meetings

Minutes amended Lewis McLouth to take effect on the 15th of April and it was resolved that Mr. Henry Chamberlain be a special Committee to visit such institutions as may be necessary to search for a suitable successor to the position.

Mr Edwards announced having engaged Mr Edwards temporarily to teach Prof McLouth's classes at \$60.00 per month at first, and \$75. this term.

Mr Chamberlain gave a short narrative of his visit to different institutions saying that he was prepared to recommend as Prof McLouth's successor Lieut Durand of the Navy, now on detailed duty at the Worcester Spec Institute

It was resolved that President Willits be authorized to invite Lieut. Durand to visit this college at our expense for the better canvassing of the question of his engagement for the professorship of Mechanics.

The Board then adjourned, to meet at this college at 9 a.m.

Agricultural College, Mich. June 1st 1887, 9 a.m.

The Board reconvened with all the members present except Governor Luce.

Building

Prof. Bailey being present was invited to make any statements, and exhibited sketch plans of proposed building for his department. Various members spoke of the necessity of avoiding any expenditure beyond the limits of the specific appropriation and of the desirability of not asking the next Legislature for any considerable sum. President Willitt and others said that we wanted no more buildings for the next four years. ^{than those provided for by appropriation this year}

Mr. Chamberlain said that he never wished to see the time when our students or officers would have to room off of the grounds for that when such time came it would see the decay of the industrial features of the institution.

Garden Expenses

It was resolved that the Secy. and Prof. Bailey be authorized to expend \$158.00 as follows: For horse lawn mower \$25. horse rake \$20. hand cart \$10. hand lawn mower \$17. Wheelbarrow \$3. two apple presses \$2.00 six axes and heloes \$6. tile \$15.00

Berry Picking

It was resolved that Prof. Bailey be authorized to employ student labor for picking berries at two cents per quart instead of 8c. per hour.

Dwelling Repairs
by Professors

It was resolved that the Professors and Officers of the College occupying buildings on the College grounds may make such changes and improvements as they desire with the advice and consent of the Building Committee, provided that ^{such alterations} ~~they~~ shall be made at their own expense and with a distinct understanding that no claim shall be allowed for reimbursement from the funds of the College under any circumstances.

Willitt's Salary

It was resolved that Mr. Willitt's salary be paid from the special appropriation for the Zoological Dept.

Spraying Pump

It was resolved that the spraying pump used for spraying the College orchard this Spring be bought for \$15. out of the special appropriation for Horticultural Dept.

Woodworth's Salary

It was resolved that Mr. Woodworth's salary be paid from the special appropriation for the Chemical Department.

Veterinary App.

It was resolved that Dr. Granger and the Secy. be authorized to expend \$100.00 of the special appropriation for the Veterinary Dept.

Ellis' Fungi

It was resolved that the nineteen volumes of The Ellis Fungi in Dr. Beal's possession be purchased of him at seven dollars per volume that being the subscription price. It was further resolved that the Secretary continue the subscription for the future volumes of the same work, both expenditures to be paid for out of the special appropriation for the

Botanical Department. It was resolved that Dr Beal be authorized to expend forty dollars of the special Appropriation for the Botanical Dept. in the purchase of recent necessary reference books for use in the Botanical Library.

Library Bill It was resolved that the Secretary be authorized to pay the bill of \$12.63 for the Library.

Artesian Well It was resolved that the Artesian well be stopped and completed at its present depth of three hundred and forty ~~three~~ feet and that it be lined with five inch casing pipe to a depth of eighty five feet or to the first sand rock and that a surface reservoir of 500 barrels capacity be built over the well and roofed over; under direction of the building committee.

Stopping up Bad Wells It was resolved that the wells at the west side of the green house, the west side of Williams hall and at the house formerly occupied by Secretaries Baird and Reynolds be discontinued and made so that they can no more be used on account of the contamination of their water and of the soil about them.

Open Cisterns It was resolved that the Secretary procure cast iron covers for the 8 open cisterns on the grounds and pumps for such as need them, the expense to be charged to Special Appⁿ for Repairs of Buildings.

Prof. McLouth's Resignation Prof. McLouth's formal written resignation of his professorship at this college was read as follows:

Michigan Agr^l College April 15th 1887
President Willits, Dear Sir, I desire to present to you and through you to the State Board of Agriculture my resignation of the professorship of Mechanics and Astronomy.

In severing my connection with the Michigan Agricultural College I desire to thank both you and the Board for constant kindness and coöperation. I only express the fear that my connection with the college was not long enough for me to justify the wisdom of my appointment. Nothing but a sense of duty has induced me to leave for a new field of labor. Very respectfully

Lewis McLouth

It was resolved that the State Board of Agriculture accept the resignation of Prof. Lewis McLouth and desires to express their confidence in his ability and success in his department and their regret at the necessity for the severance of the very pleasant relations which have existed during Prof. McLouth's connection with the Michigan Agr^l Coll.

Resolved that the Secretary forward to Dr McLouth a copy of this above resolution.

It was resolved that Dr Kedzie be authorized to expend five hun-

Chemical App: dred dollars (\$500.00) from the special appropriation to the Chemical Department for stock and apparatus.

The Board adjourned to meet at 8.30 p.m. at the Capitol.

Lansing, Michigan, June 1st 1887, 8.30 p.m. (Wednesday)

Office of the Board of Agriculture at the Capitol

The Board reconvened with all the members present but Gov. Luce.

Bridge

It was resolved that Prof. Johnson be authorized to secure bids for an iron bridge over Cedar River to be submitted to the Board at a future meeting.

Silo

It was resolved that Prof. Johnson be authorized to build a silo east of the cattle barn at a cost not to exceed \$500.00 out of Special Appropriations for permanent improvements, farm dept.

Farm Expenditures It was resolved that Prof. Johnson be authorized to expend \$100. for hand implements; \$35.00 for a two-horse cultivator, 25. for one set harness - 15.00 for one plow, \$100.00 for fencing materials 100. for farm house furniture or 150.00 for class room apparatus — and such amount for experimental feeding not exceeding five hundred dollars as may be necessary; the said purchases to be made with the sanction and advice of the members of the farm committee and the President of the college.

Garden Team

It was resolved that the President of the Board be requested to purchase a team for the Horticultural Dept.

Garden Building It was resolved that the matter of the Horticultural Building be referred to Prof. Bailey for conference with Mr. Applegard to perfect a plan that can be completed including seating and heating within the appropriation.

The Board then adjourned to meet at 10 a.m. at the College

Agricultural College Thursday June 2nd 1887, 10 a.m.

The Board reconvened at the college with all the members present except the Governor.

Joint Meeting

Owing to a steady down pour of rain the different societies invited to be present this morning in joint meeting sent messages of regret. They were the State Agricultural, Horticultural and Pioneer Societies and the State League.

Special Exam: The Board resolved that all Special Examination fees hereafter be credited to Current account instead of as heretofore to Library Special Appropriation Account.

Teachers of Agr.

It was resolved that Mr. Rising and Prof. Johnson attend the meeting of Teachers of Agriculture at Champaign Illinois July 12th 1887.

The Board then took a recess for dinner and examination of premises until 3 p.m.

Agricultural College Thursday June 2nd 1887, 3 p.m.

The Board reconvened with same members present (all, but Gov.)

Swords

It was resolved that Lieut. Lockwood and the Secretary be instructed to purchase two swords for the military dept.

Dr. Kedzie expenses

It was resolved that \$50.00 be paid to Dr. Kedzie for expenses of trip to experimental stations

Phi Delta Theta

The petition of the Phi Delta Theta Society for a room in the new dormitory building was laid on the table.

Fire Escapes

It was resolved that the Secretary with the advice of the Building Committee put fire escapes on Wells and Williams Halls.

Library Bills

It was resolved that the Secretary be authorized to pay additional bills against the Library Special Appropriation to the amount of \$100.00.

Target Practice

It was resolved that Lieut. Lockwood be authorized to expend \$15.00 for transportation of students to target practice during the summer term.

Green House

It was resolved that when the Board adjourns it be to meet at the Capitol on Wednesday evening July 6th 1887

Dwelling

It was resolved that the Secretary be authorized with the advice of the Building Committee to make the proposed alteration in the Green House.

Seetip Barn

It was resolved that the Secretary with the advice of the Building Committee be authorized to erect a barn at the Secretary's house.

Non Resident

It was resolved that in the next catalogue it be announced that students ^{who are not residents of the state} ~~from outside~~ will be charged a special fee of \$5.00 per term in addition to those already required.

Students

The Board then adjourned to meet at the Capitol on the evening of Wednesday July 14th 1887

Meeting postponed

Heiny S. Reynolds, Secretary

Meeting postponed

Lausling July 6th 1887
The meeting was postponed to July 14th as the architect's plans for the new buildings were not ready.

July 14 1887 - 7:30 p.m.

The Board met at their office at the Capitol the date having been deferred from the sixth inst in hopes of having the architects plans on hand.

All members present except Mr Rising and Gov. Luce. The minutes of the meetings of May 31st and June 1st and 2^d were read and approved.

Water Works. It was resolved that Prof. Carpenter and the Secretary be instructed to proceed with the water works, according to plan as proposed, carrying water into each of the houses of Faculty row if it can be done within the appropriations. Carried.

Building - Barn & Green house. It was resolved that Mr Reynolds contract with Messrs Gallup and Spores for the building of a barn at the house occupied by him, and the alterations in the Green house dwelling be approved, and the consideration to be paid on said contract to be charged \$200. to the barn \$50. to the Green house appropriation. Adopted.

Suspended Students. Resolved that the students suspended Aug 3rd '86 be permitted in the discretion of the faculty to return at such date hereafter as may be desirable to enable them to prepare for their final examinations.

Soft coal Contract. Resolved that the Secy be authorized to close a contract with F. H. Platt & Co of Flint for Ohio Central No. 8 coal at \$3.19 clean domestic lump delivered on side track at Ironbridge.

Hard coal Contract. Resolved that the Secy be authorized to contract with Wells and Bear of Lausung for so much ^{dry} coal at 5.27 and Chestnut \$5.49 as can be stored for July delivery.

Adjourned to eight o'clock A.M.

July 15th 8 A.M.

Board reconvened - the same members present.

Apartment Building. Plans for the Apartment Building were considered and a resolution was adopted to have the lower story as designed except for eliminating mantels, changing bath-room to bedroom, straightening back stairway and extending the narrow part of house four feet, the upper story to be arranged into three pairs of sitting and bed-rooms, with hall from front carried through to back hall and front porch enclosed for store room.

It was resolved that the Board meet to examine plans and advertise for bids Tuesday evening Aug 30 at seven o'clock at the Capitol.

It was resolved that when the Board adjourns it be to

Where to advertise for Bids

Time of next meeting

Tuesday evening Aug 16th at seven o'clock at the Capitol
 Board adjourned for dinner
 1.30 P.M.

(Same members present)

Bids for iron bridges were presented by the King Iron Bridge Co., The Smith Bridge Co. Toledo Ohio. and the Iron Bridges Groton Bridge Co.

The contract for building the bridge over Cedar river was let to the Smith Bridge Co. of Toledo Ohio. for \$1200.
 It was resolved that Prof. Bailey be permitted to lay a 1 1/4 inch water pipe from the Library to the forcing house

Resolved that the military committee be requested to correspond with the Adj't General to secure the detail of an officer to teach Military science at the College and that the Chairman of the Military Committee be authorized to go to Washington in pursuance of this object, if necessary - Adopted

Resolved that the Sec'y be instructed to acknowledge the receipt of Prof. Holmes' photo and express the thanks of the Board for the same and their choice of the vignette.

Resolved that Lieut Durand be elected Prof of Mechanics at a salary at the rate of \$800 a year and the use of the house formerly occupied by Sec'y Baird; the salary to begin at such time as Prof Durand shall report for duty to the President of the College. Carried

Resolved that, in the disction of the faculty, military drill be made a required part of the course of the Ag's College

Pres. Mills, Sec'y Reynolds and Prof. Cook were appointed a committee to proceed with new Apiary - The Building not to cost over \$845

Permission was granted to widen the stairway and make alterations in the fourth story of Williams Hall for the Olympic Society room

Adjourned to August 16th

Necy G. Reynolds, Sec'y.

Lansing Michigan Tuesday August 16th 1887

The Board met pursuant to adjournment in their office at the Capitol at 7.30 p.m.; present President Wells, Messrs McCreery, Rising, Garfield, Willits and Gov. Luce, absent Messrs Chamberlain and Horton. Dr Kedzie and Prof. Bailey were also present.

The minutes of the meetings of July 14th and 15th were read and approved.

Dr Abbot Leave of Absence Pres. Wells requested Col. McCreery to take the chair and then made the motion that Dr Abbot's leave of absence be extended to the opening of the spring term and that in view of Pres. Willits' undertaking his class this fall he be continued on the pay roll as at present. The motion prevailed and Pres. Wells resumed the chair.

Furnace Slag Dr Kedzie on invitation made a verbal report of his eastern trip and explained at some length an intended investigation into the value as a source of phosphoric acid of furnace slag.

B. S. On recommendation of the Faculty it was resolved that the degree of Bachelor of Science in course be conferred on the following named thirteen members of the class of 1886 viz. -

Farmer Wm H. Clemmons, Farmer Jos. W. Clemmons, ^{Teacher} Edward G. Eldridge, ^{Teacher} Wm L. Everhart, ^{Apriary} Geo. S. French, ^{Apriary} Jas. Hooker, ^{Farmer} Harry B. Howe, ^{Teacher} Clarence H. Judson, ^{War Dept.} Wm A. Kinnan, ^{Apriary} Albert L. Nichols, ^{Farmer} Wm R. Rimmer, ^{Teacher} Geo. L. Spangler, ^{Law} Elbert A. Whitney. Also on the following named twenty

two members of the class of 1887 viz. ^{Farmer} H. A. Abbott, ^{Farmer} Guy Arnold, ^{Teacher} Irving B. Bates, ^{Teacher} Edgar A. Burnett, ^{Teacher} Mark L. Chapin, ^{Teacher} Geo. C. Gerandall, ^{Teacher} Wm W. Diehl, ^{Teacher} James C. Duffey, ^{Teacher} Mrs Carrie M. French, ^{Teacher} Winthrop C. Hall, ^{Teacher} Corie L. Himebaugh, ^{Teacher} Geo. J. Hume, ^{Teacher} Harry W. Mc Ardle, ^{Teacher} Robt. W. McCulloch, ^{Teacher} Edwin W. Redman, ^{Teacher} Wm C. Sanson, ^{Teacher} Frank R. Smith, ^{Teacher} Chas. C. St. John, ^{Teacher} Clara B. Waldron, ^{Teacher} Obadiah Wheeler, ^{Teacher} Chas. S. Whitmore, ^{Teacher} Henry H. Winde.

M. S. Also that the degree of Master of Science in course be conferred on Theres D. Himebaugh of the class of '85 and Allan C. Redding of the class of '83. Also the the honorary degree of Master of Science be conferred on Judge M. D. Chatterton of Mason and Hal E. Wyman M.D. of Detroit, both early students of the Agricultural College.

The Board adjourned to 8.30 a.m. at the College.

Agricultural College Wednesday August 17th 1887

The Board reconvened with the same members present except Gov. Luce.

Musie \$25.00 It was resolved that the college pay \$25.00 toward the music for the commencement exercises.

Holdsworth It was resolved that the services of Mr W. S. Holdsworth be engaged at the rate of \$600. per year.

It was resolved that Mr J. Judson Benjamin be given the de-

Benjamin gave of Bachelor of Science on a satisfactory passing of his examinations.

It was resolved that the honorary degree of M. S. Master of Science be conferred on the Hon. Bela Hubbard of Detroit.

The Board then adjourned to meet at 7.30 p.m. at the Capitol on Tuesday August 30th 1887

Henry Reynolds, Secy.

Lansing August 30th 1887

The Board met in their office at the Capitol at 7.30 p.m. pursuant to adjournment. present Pres^t Willits, Messrs Melvill, ^{Garfield, Willits} Rich and Governor Linn, absent Messrs Chamberlain & Horton.

Prof Bailey, Lieut. Lockwood and Mr Appleyard were also present. The latter exhibited the modified plans for Horticultural Laboratory, Apartment and Dormitory Building which were in turn formally adopted.

Bids By resolution the Secretary was instructed to advertise for bids ^{by postal cards and} in the Lansing Republican and Journal, the Detroit News and Free Press and the Grand Rapids Democrat, the bids to be opened by the Board at their office in Lansing the 29th of Sept. at 7.30 p.m. Bids to be accompanied by a check for \$300. as a guarantee of good faith, to be on any or all of the buildings and to be for completing the Dormitory by April 1st the Apartments by May 1st and the Laboratory by June 1st.

The Board then adjourned to meet at the College at 9 a.m.

Agricultural College August 31st 1887

The Board reconvened at 9 a.m. with the same members present and Pres^t Willits.

The minutes of the meetings of August 16th and 17th were read and approved.

Abbott Hall

It was resolved that the new dormitory to be erected be known and designated as Abbott Hall.

Herbarium Paper

It was resolved that Dr Beal be authorized to purchase paper for the herbarium to the extent of about twelve dollars.

Cases

It was resolved that Dr Beal (with the advice of the President and Secretary) be authorized to have two cases made for the Botanical Museum.

Cupboard

It was resolved that Dr Beal be authorized to put a small cupboard and a permanent table in the Botanical Laboratory near the sink.

Armory Furniture It was resolved that the Secretary be authorized to purchase of Lunt Lockwood certain furniture for the Armory.
 Forestry Congress It was resolved that Dr Reel be a delegate to the Forestry Congress, the expenses to be paid out of the Forestry Appropriation.
 Lockwood Books It was resolved that the application of Lunt Lockwood relative to purchase of books be referred to Pres. Willits with power to act.

Heat Olympic Room It was resolved that Prof Carpenter be instructed to heat the Olympic room and that the Secretary pay to the Society so much more than the cost of the said heating as will make in total \$100.00

Lansing Iron Works Engine It was resolved that the thanks of the State Board of Agriculture be extended to the Lansing Iron and Engine Works for their gift to the Mechanical Department of a twelve horse power engine.

Tile It was resolved that the tile for the Horticultural Department be purchased at the discretion of Prof Bailey and the Secretary.

Shop Plans It was resolved that the plans for the extension of the Mechanical building prepared by Professor Carpenter be adopted.

Contract It was resolved that the contract for building the extension to the Mechanical building be let by Prof Carpenter and Secy. Reynolds provided that it shall be within the appropriation and erected under the supervision of Prof Carpenter as architect.

Spring It was resolved that the Horticultural Dept. be authorized to lay a line of 4 inch tile from the spring struck in digging the trench for the water main, to the open water course.

Boiler Contract It was resolved that Prof Carpenter and Secy Reynolds be authorized to close a contract with the Lansing Iron and Engine Works for two new boilers at the lowest possible rate.

It was resolved that when the Board adjourns it be to meet at Jackson Tuesday evening Sept. 20th at 7.30 p.m.

The Board then adjourned Henry Reynolds Secy.

Builders' Proposals Wanted

STATE BOARD OF AGRICULTURE,
 OFFICE OF SECRETARY, AGRICULTURAL
 COLLEGE, MICH., Sept. 1, 1887.
 SEALED PROPOSALS will be received at
 this office until 7:30 p.m., September 29,
 1887, for the construction on the grounds of
 the Michigan Agricultural College, three miles
 east of Lansing, of three separate buildings,
 namely: an Apartment House building, a
 Dormitory building and a Laboratory building,
 to be completed not later than April 1st, May
 1st and June 1st respectively. Separate pro-
 posals are required for each building singly
 and for the three together. The contractor
 will be required to furnish all material and
 labor; and complete schedules showing every
 item of material and labor and its cost must
 accompany each bid. Successful bidders will
 be required to furnish good and sufficient
 bonds for the faithful performance of the con-
 tracts and each bid must be accompanied by a
 certified bank check for \$300.00 which shall be
 forfeited in case of failure to enter into contract
 if awarded. The right to reject any and all
 bids is reserved. Plans and specifications can
 be seen at the office of Wm. P. Appleyard,
 Architect, Lansing, Mich.
 HENRY G. REYNOLDS,
 Secretary.

Murd Stone Jackson Mich

Sep 20th '87

7.30 P.M.

Board met pursuant to adjournment, all present but Governor Luce.

The minutes of the meetings of Aug 20 & 31 were read and approved.

Apiary Room

It was resolved that a room in the new apiary be lathed & plastered and charged to Zoological Dept. *Spindly*
Adjourned to 29th

Saturday Sept 29th 1887

Board met in their office (Capitol) at 7.30 p.m.

Present all but Mr Horton and Governor Luce

Bids opened

On motion the Board proceeded to open bids for Buildings. As all the bids were above the amounts appropriated for the Buildings it was Resolved that they be all rejected and the Secy return to the Bidders their checks.

Institutes

Secy was instructed to insert notices in Gleaner Visitor and "Mich Farmer" relative to applications for Farmers Institutes

Adjourned to 8 A.M.

Sep 30th 8 A.M.

Board met, same members present.

Apiary Grading

It was resolved that Secy Reynolds have the surplus earth from around the apiary into the hole to west of that building, at Bureau Expense

Bids

It was resolved that the Secy secure all bids possible for completion of Buildings by August 1st 1888

It was resolved that the next meeting of the Board be held Tuesday evening Oct 25 at 7.30 p.m.

Appleyard

It was moved that Mr Appleyard be paid in acct three hundred & fifty (\$350.00) - Carried

Fire Escapes

It was resolved that the Secy provide such rooms as need escapes in case of fire with a rope fire escape and until these are provided that the night watch be continued the expense to be paid out of the Special Appropriations for Fire Escapes

Mech. Dept.

It was resolved that the communication from Prof Carpenter relative to division of duties between himself and Prof Durand be referred to Drs Millets with request that he formulate a settlement of the question to be presented for consideration of the Board at the next meeting.
Board adjourned to 3.30 p.m.

Sep 20 87. 3.30 P.M.

Board reconvened with same members present and Pres Mills.

It was resolved that Pres Mills be appointed the delegate of the Board to the Convention of Agri Colleges in Washington in November

It was resolved that the Pres. of the Board appoint two delegates gentlemen to represent the Board at the meeting of the Consolidated Cattle Growers Convention at Kansas City. Provided that they pay their own expenses.

Mr Mills asked Mr Chamberlain to take the Chair and said that he thought it well to have an expression of accord on the part of the Board with the Faculty in their purpose to preserve order in the College. He then offered the following resolutions:

Resolved, That while we recognize and respect the right of petition, yet in view of the attitude assumed by the students since the submission by them of a petition to the Board on the 14th of July last, we now consider it unwise to take said petition from the table, and be it further
Resolved, That it is the sense of this Board that good order and discipline must be maintained and the rules of the College obeyed, and while we regret the necessity we recognize the fact that it is the duty of the President and faculty of the College to suspend or expel all students refusing to submit to the constituted authorities, until good order is restored and maintained.

The above resolutions were adopted.

Adjourned

Lansing Oct. 15th 1887

The Board met at seven P.M. at the Capitol. All members present.

The reading of the minutes dispensed with and the Board proceeded to open bids for buildings.

They were as follows:

Cleveland and Ward Flint 30,500.⁰⁰

Chaire Allen Ionia 33,000.

Crocker & Hudnutt Big Rapids 34,624.

Pelton & Deland Grand Rapids 32,165.

On motion of Mr Rising all the bids being above the appropriation they were rejected.

Mr Ward said that he and Mr Cleveland would leave their bid open two weeks - Adjourned to 8.30 A.M.

Lansing Oct 16th 8.30 A.M.

The Board reconvened with the same members present. At 10 a.m. took a recess of one hour for the organization of the Forestry Commission.

Forestry

Upon resuming business as a Board:

Cleveland Ward

It was unanimously resolved that unless lower bids can be secured between now and the 8th of November that Col. McGarry and the Secy be authorized on behalf of the Board to close a contract with Messrs Cleveland & Ward of Flint at their bid of \$30500. for the three buildings and in case a lower bid is made, that contract be made in the same way with the lowest bidder.

Kedzie

It was resolved that Dr Kedzie be excused from Institute work this winter.

Willits

It was resolved that Dr Willits be allowed leave of absence ^{during} their winter vacation.

National Grange

It was resolved that Mr Snapper under the direction of Governor Luce be a special committee to do whatever is possible in the way of decorating the Capitol during the session of the National Grange.

Cotton

It was resolved that Mr Cotton be paid at the rate of \$600. per year from and after Sept 1st 1887.

Bregger

It was resolved that Mr Bregger be employed in the Greenhouse during the winter at not to exceed \$20.00 per month and Board.

The Board to a recess until 1.30 P.M.

Capitol. Oct 26th 1.30 P.M.

The Board reconvened with same members present except the Governor & Mr Norton.

M.S.

It was resolved that the Honorary degree of Master of Science be given to Lieut J. D. Lockwood.

Fat Stock

It was resolved that Prof Johnson be authorized to take the experimental fattening of Steers to the Chicago Fat Stock Show.

"

It was resolved that the Chair appoint a delegation of three, himself to be the chairman, to represent the Board at the American Fat Stock, Horse and Dairy Convention in Chicago. Nov. 8th to 18th. Messrs Wells, Chamberlain & Col. McGarry appointed.

The minutes of the meetings of Sept. 20., 29th & 30th were read & approved.

Prest Wells reported that he has appointed Edwin N. Pace and Alva Sherwood of Three Oaks to represent the Board at the Consolidated Cattle Show at Kansas City.

Grange

It was resolved that Dr Grange be authorized to expend \$5. of his special appropriation.

- Ornamentals It was resolved that Prof Bailey be authorized to expend \$100. for ornamental plants. \$50. for fruit plants trees and not to exceed \$50. for photographic apparatus.
- Photo Apparatus It was resolved that Prof Durand contract for foundation of engine in addition Mech'l Building
- Engine Foundation It was resolved that the Secy purchase a stove for Prof MacEwans office
- Stove It was resolved that the matter of protecting water pipes from freezing be referred to President & Secy
- Protect Water tank It was resolved that Prof Bailey & the Secy make what repairs are necessary to make bridge over ^{runway} Culvert safe, till time to build Culvert.
- Bridge It was resolved to adjourn to Wednesday November 16th at 7.30 p.m. at the Capitol.

Nov. 8th 1887 - at Capitol.

Col. McGarry & Secy Reynolds, committee to open bids on buildings met at Capitol.

Bids

The following is a memorandum of all the bids:

Sept. 29th to finish April. May & June '88

Norrie and Sathrum Grand Rapids \$35419.

Fuller & Wheeler Lansing 33522.

Vassar 31855.

Oct. 25th to finish Aug 1st

Crocker & Hudson Big Rapids \$34624.

Chaire Allen Ionia 33000.

Pelton & Sathrum Id. Rapids 32165.

Chabaud & Ward Flint 30500.

Nov 8th to finish Aug 1st

Robt. Lake Jackson \$33986.

C. H. Pelton Grand Rapids 32000.

Fuller & Wheeler Lansing 31377.

Chabaud & Ward Flint 30500.

Nov 16th at the Capitol

As there was not a quorum present no meeting was held. Messrs Garfield, Horton and Ows Millis being the only members present.

Lansing, Mich., Capitol Building
December 20th 1887. 7.30 p.m.

The Board convened in their office pursuant to a call by President Wells; present Messrs Wells, Chamberlain, Garfield and Luce, - no quorum

There were present also Messrs Cleveland and Ward of Phila. the contractors for the new buildings who stated that owing to the impossibility of securing brick they would be unable to complete the buildings by the time specified in their contracts, August 14th; but that they could complete the dormitory by that time and the two other buildings by October 1st.

Extension of
time for building

The members present expressed their consent to such a concession and the contracts were modified accordingly.

Mr E. W. Rising came later, but not till after Governor Luce had left, so, there being no quorum the Board adjourned to meet in Grand Rapids Jan'y 26th 1888.

Henry H. Reynolds Secy

Grand Rapids Mich. Jan'y 26th 1888

The Board met pursuant to adjournment to attend the Forestry Convention held under their auspices as Forestry Commissioners

Forestry
Convention

There were present Messrs Rising, Chamberlain, Garfield and Willits, - no quorum.

Henry H. Reynolds Secy

Lansing Mich.

Office of Board of Agriculture in Capitol
February 6th 1888

The Board met pursuant to the call of Pres. Wells. Present Messrs Wells, Rising, McCrory, Horton, Garfield, Luce, Willits and the Secy.

The minutes of the meetings of Oct 25, 26

Nov. 16th, Dec 20 and Jan'y 26 were read and approved

Experiment
Station
Organized

On motion of Mr Horton the following preamble and resolutions presented by Pres. Wells were unanimously adopted: Whereas by act of Congress approved March 20 1887 Authority was given to establish, under the direction of the College or colleges or Agricultural Colleges Departments of Colleges in each State or Territory established in accordance with the provisions of an act approved July 2d 1862