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A PETITION
TO
THETA TAU FRATERNITY
from ALPHA SIGMA EPSILON



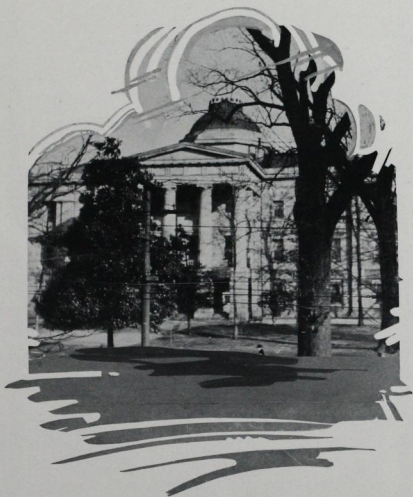


A PETITION
TO
THETA TAU FRATERNITY
FROM
ALPHA SIGMA EPSILON

NORTH CAROLINA STATE COLLEGE
OF
AGRICULTURE AND ENGINEERING



NINETEEN HUNDRED AND TWENTY-THREE
RALEIGH, NORTH CAROLINA



THE CAPITOL, RALEIGH, N. C.

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VIEW OF THE SHOPS



THE COLLEGE ENTRANCE

PETITION

Prompted by a desire for fraternal relations of a broader scope, and believing that the ideals of ALPHA SIGMA EPSILON Fraternity harmonize with the philosophy of Theta Tau, we wish to unite with Theta Tau. It is our belief that affiliation with your fraternity would add greatly to the ability of our fraternity to realize its ideals and that we could contribute to the strength of the fraternity.

Pledging ourselves to the loyal support of the fraternity, we hereby petition that you grant to ALPHA SIGMA EPSILON Fraternity, of the North Carolina State College of Agriculture and Engineering, a Chapter in Theta Tau.

*Frank Kugler Baker
Craighead Lentz Barnhardt
David Julian Brinkley
Irvin Allen Clay
Elmer Randolph Commander
William Michael Cummings
Charles Douglass Faucette
Albert Sidney Gay
Elliott Woodard Harris
Zeb Marion Harry
Winfield Scott Morris
Bonnie Frank Norris
Hubert Cherry Pritchard
Roy Edwin Smith
Julian Byrd Stepp
Daniel Elmond Stewart
Richard Lee Townsend*

FACULTY

*John William Harrelson
Carrol Lamb Mann
George C. Cox
Leon Franklin Williams
Joseph Graham Evans
Marion Francis Trice*

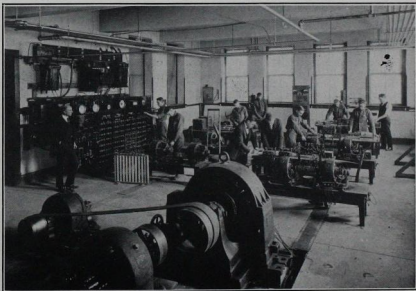


THE POWER PLANT

THE CITY OF RALEIGH

North Carolina State College is situated within the city limits of Raleigh, the Capital City of North Carolina. There are 30,000 people within the city limits besides the students in the State Schools and the four other Colleges. The Colleges mentioned above are: Meredith College for Girls, Peace Institute for Girls, St. Mary's School for Girls, and King's Business College. There are in addition to these several preparatory schools.

Raleigh has an area of seven square miles and contains all the State Buildings and Commissions. This fact makes the city an ideal place for a College, because the students have the use of the State Library and access to all the records of the State Departments. The State Highway Commission renders our College valuable information and data collected from all over the State and Country. In many ways the city is a decided asset to the colleges and we are proud of the fact that we are so located.



THE ELECTRICAL LABORATORY

A SHORT HISTORY OF THE COLLEGE

The North Carolina State College was founded in 1889 and was known as A. and M., a State institution fashioned after such institutions as Texas A. and M., Kansas State and Penn State. In 1916 the State Legislature changed the name to North Carolina State College of Agriculture and Engineering. Under the old and the new name the College has won honors and championships in the several branches of sports in its sectional conference. The college has a reputation of which it is proud. It is known throughout the country and more so in the East, Atlantic Seaboard and South. It is a sixteen unit school, recognized by leading institutions, our Government and the Governments of several foreign countries, as the latter have students at State College taking regular courses at the Government's expense and choice.

The curriculum will compare favorably with that of any other Technical institution as you will note by comparing catalogs. (We are enclosing a copy of the College Catalog.)

The College is housed in thirty-four buildings, with two large buildings now under construction and it is contemplated that four additional buildings will be started in the near future. The equipment for each department is complete for the necessary instruction. The faculty and Officers of the College number one hundred and twenty-five and from the catalog you will note that the staff of the Faculty is supplied with men of high educational degrees.

The Government maintains a Senior Unit of the Reserve Officers Training Corps, consisting of a Lieut.-Colonel, four Captains, two First-Lieutenants, and several Sergeants. Each year a number of graduates are placed on the Officers' Reserve List. Every member of the ALPHA SIGMA EPSILON, graduating last year, was offered a reserve commission.

The registration at State College this year is between twelve and thirteen hundred each year showing a good increase. This year's graduating class will number one hundred and eighty. From the roster of graduates in the catalog you will observe that the alumni generally have made success. In the professional world many alumni are classified in Who's Who, some are at the head of engineering concerns, chief chemists and metallurgists, railroad and research engineers; practically the whole of the North Carolina State Highway Commission is manned by State College Engineers. Several alumni are authors of Technical and Scientific books. From the foregoing it appears that the alumni have made a success and are recognized throughout the country.

A memorial in honor of the soldiers who made the supreme sacrifice was started last year. This monument when completed will be one hundred and fifteen feet high, and will have cost \$66,000.00. The monument is to have a stairway on the inside, and will have chimes in the top. This is to be a fine structure when completed.

The college now owns four hundred and eighty-six acres of land. Fifteen hundred young trees and nine hundred and forty vines are growing in an orchard of twenty-five acres. Seven acres are devoted to truck farming. The campus consists of thirty acres of rolling land, which is being improved as fast as circumstances permit.

The attitude of the college toward fraternities has always been favorable and encouraging. The student body has always been allowed to manage its own social affairs, and consequently, the same holds true for fraternities. North Carolina State College being a Land Grant School, no fraternity houses are allowed. Each Fraternity is allowed a chapter room.

The State Legislature, which has just adjourned, has appropriated \$1,350,000.00 for new buildings. The buildings contemplated are a Physics and Chemistry building, a gymnasium and an additional library.

A HISTORY OF ALPHA SIGMA EPSILON

The latter part of Fall, 1917, witnessed the gathering of several members of the Class of '18, who, through continuous association and companionship and common educational pursuits, founded a professional fraternity and chose the name ALPHA SIGMA EPSILON, the three Greek letters symbolically expressing the aims of the organization.

A Constitution and By-laws were compiled to give the best functioning government for a fraternity body and at one and the same motion to cover all local conditions of the Institution. Realizing government and requisite membership qualifications an important factor and foundation, the Constitution provided membership for only male, bona fide students registered in one of the engineering courses, namely: Civil, Electrical, Mechanical, and Chemical Departments of Engineering, North Carolina State College, and to members of the faculty of said departments. Membership is drawn from the Junior and Senior Classes. The thought always fostered was to strive for the graduation of each and every member. Since inception several members dropped out, but extreme good fortune returned these men to us at a later date. Our record to date is 100% graduation with scholastic standing of the fraternity since inception in upper half of averages.

Our system provided for the indiscrimination between undergraduate non-fraternity men and undergraduate fraternity men, ratio being 50% maximum membership of either group. The allotment of membership in the different engineering courses is controlled in similar manner, this being necessary for harmonious functioning with other organizations at State College.

ALPHA SIGMA EPSILON strives to further fellow feeling, brotherhood and companionship among those of engineering professions; to strive for the advancement of engineering, the betterment of engineering ethics and the giving of better equipped engineers to the world. With these professional aims and ideals is coupled the social side of the organization which is manifested in giving smokers, dinners and dances. On occasions addresses on engineering topics of the day are discussed.

During Spring term, 1920, by unanimous vote it was decided to petition a national Fraternity of repute in order that our scope would be greater and that we could enjoy those privileges of national brotherhood and at same time add our bit to such organization. Affiliation with Theta Tau was ALPHA SIGMA EPSILON's desire and a typewritten petition was forwarded to Mr. E. J. Schrader, Grand Scribe, Theta Tau Fraternity, Tonopah, Nevada. In the meantime it was found necessary to amend the petition in so far as relates to the Textile course; this has been done.

Major Fox, Wilmington, N. C., and Mr. D. B. Frisbie, Atlanta, Ga., both members of Theta Tau, visited our fraternity and inspected our Institution, the equipment and faculty.

Year 1918 witnessed the graduation of 14 members; 1919, 16; 1920, 15; 1921, 13; and 1922, 15; a total of 73 alumni, all following their chosen field of engineering. The active Chapter at present has 17 members.

The relations between ALPHA SIGMA EPSILON, the Institution, the different fraternities and societies at State College have at all times been pleasant.

BY-LAWS AND CONSTITUTION OF ALPHA SIGMA EPSILON

ARTICLE 1.

SECTION 1. This organization shall be known as the ALPHA SIGMA EPSILON fraternity.

SEC. 2. It shall never be within the jurisdiction of this organization to change its name. This section can never be amended.

SEC. 3. The objects of this organization are: (a) to develop brotherhood, to further fellow feeling and congeniality among the members; (b) to work for the betterment of college enterprises and in every way foster college spirit; (c) to promote the interest of the engineering profession; for securing better and more efficient service for the public; for disseminating engineering knowledge; for bringing about a closer personal acquaintance among engineers, and for fostering better standards of engineering ethics.

SEC. 4. This organization shall be secret in nature.

SEC. 5. Any member revealing the secrets of this organization shall be subjected to a dishonorable discharge and shall ever after be under the disfavor of this organization.

SEC. 6. Any person once expelled shall never again be received into this organization.

SEC. 7. This organization shall not grant leaves of absence to its members.

ARTICLE 2.

SECTION 1. The membership of this organization shall be of two kinds: honorary and active.

SEC. 2. Active membership shall be composed of those members, registered students of the North Carolina State College, and men who are majoring in the following engineering courses: Electrical, Civil, Mechanical, Textile and Chemical. (See amendment one.) Honorary shall be composed of those members elected from the faculty at this institution.

SEC. 3. The members of this organization shall be representative men of the College, from the Sophomore, Junior and Senior Classes. (See amendment two.)

SEC. 4. No candidate shall become a member of this organization until he has taken the oath of allegiance.

SEC. 5. A member shall be expelled when he refuses to perform his duties or pay his dues and fines, or attend the meetings, or in any way fails to comply with the Constitution and By-Laws.

SEC. 6. This organization shall have the power to investigate the conduct of a member whenever it sees fit. The President shall preside at this investigation and it shall be his duty to appoint two members to prosecute the accused member. The accused member shall have the privilege of defending himself and to employ two counsels to aid in his defense. These counsels shall be selected from the members of the organization.

SEC. 7. All members not directly concerned in the trial shall constitute a jury and shall render a decision and the President shall impose the penalty.

SEC. 8. Should the offense warrant expulsion, every member of the organization shall be present either in person or by proxy.

SEC. 9. It will require a majority of two-thirds of the active members to expel a member.

SEC. 10. Voting shall be in the manner specified in Article 3, Section 2.

SEC. 11. Upon expulsion of any member any emblem that he may have of the organization shall be returned and a committee appointed to appraise its value and the amount paid the expelled member.

SEC. 12. A candidate before being allowed to take the oath of allegiance shall receive a unanimous vote of the members and the voting shall be as specified in Article 3, Section 2.

SEC. 13. Names of candidates for membership shall be placed on the table at a regular meeting and voted on at the next regular meeting.

SEC. 14. No candidate shall become initiated before the first regular meeting in October.

SEC. 15. There shall never be more than eight men from any one department.

ARTICLE 3.

SECTION 1. The voting of membership or trials in this organization shall be by secret ballot.

SECTION 2. When a vote is to be taken on the admission of a candidate to this organization or in rendering a decision, at a trial, each member shall be provided with a black and a white marble. The black marble shall be construed as meaning "No." The white marble shall be construed as meaning "Yes." Each member shall vote his conviction separate and apart from the remaining members. Every member shall be required to vote either personally or by proxy when a vote is to be taken upon the question of the admission of candidates to this organization. Further, he shall vote personally or by proxy upon the question of whether a member shall be expelled.

SEC. 5. On other matters not covered by the above section every member shall vote. The President may choose the manner of voting.

SEC. 6. A two-thirds majority will be required to resubmit a proposition, or over rule a decision of the President.

ARTICLE 4.

SECTION 1. The officers shall be: President, Vice-President, Secretary, Treasurer and Sergeant-at-Arms.

SEC. 2. There shall be an election of officers at the first regular meeting in May. These officers shall hold office for one year.

SEC. 3. Duties of the President are: to preside over the meetings of this organization; to appoint such committees as the organization sees fit; to provide for elections; to announce results of elections; to preside at all trials and preserve order and decorum among the members. He shall call special meetings whenever he sees fit, or upon the request of any of the members. He shall impose fines as covered by the Constitution and By-laws.

SEC. 4. Duties of the Vice-President are: to assist the President in the performance of his duties. Should the President be tried for any offense, the Vice-President shall preside at the trial. Should the Secretary be tried, the Vice-President shall act as clerk.

SEC. 5. Duties of the Secretary are: to keep the minutes of all meetings of this organization, and to read the minutes at the next regular meeting. The Secretary shall also assist the Treasurer in the performance of his duties.

SEC. 6. Duties of the Treasurer are: to collect all dues, also to collect any fines which may be imposed upon any of the members. He shall handle all finances, keep a record of all fines and dues collected. He shall make a report at each regular meeting.

SEC. 7. Duties of the Sergeant-at-Arms are: to aid the President in preserving order and decorum. He shall see that no one not connected with this organization is allowed to be present at any meeting, and keep away all intruders. He shall have the power to call upon any or all the members to assist him in his duties.

ARTICLE 5.

SECTION 1. This Constitution may be amended by three-fourths majority of active members of the organization.

AMENDMENTS

AMENDMENT ONE

Article 2, Section 2, is amended to read as follows:

"Active membership shall be composed of those members, registered students of the North Carolina State College, and who are majoring in the following engineering courses: Electrical, Civil, Highway, Mechanical and Chemical. Honorary shall be composed of those members elected from the Faculty of this institution."

AMENDMENT TWO

Article 2, Section 3, is amended to read as follows:

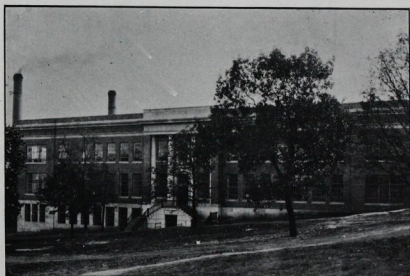
"The members of this organization shall be representative men of the college from the Junior and Senior Classes."

BY-LAWS

1. The regular meetings of this organization shall be held every Thursday at 6:30 p. m. in the Chapter room.
2. Special meetings shall be held at any time and place specified by the President.
3. Any members absent from any meeting without a proper excuse shall be fined \$0.50. Unanimous vote of the members present shall be required in order for him to obtain excuse.
4. Any member being absent from three consecutive meetings shall be notified to appear before the organization at the next regular meeting and present good and proper reasons why he should not be expelled from the organization or subject to a fine of \$5.00. This section does not apply to members in the hospital or out of the city.
5. Honorary members shall not be subjected to fines or dues, but shall enjoy the full privileges of active members.
6. Upon becoming a member each person shall pay into the treasury \$5.00 for initiation fee.
7. The dues of this organization shall be \$0.50 each month.
8. This organization shall have the power to levy any special dues, fines, etc., that may be found necessary.



THE WOOD SHOP



PAGE MECHANICAL BUILDING

FRATERNITIES AT STATE COLLEGE

There are at present the following national and local fraternities on the campus:

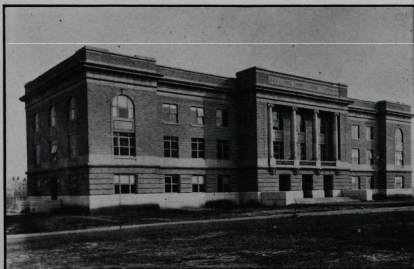
Social	Installed
Sigma Nu.....	1895
Kappa Sigma.....	1903
Kappa Alpha.....	1903
Pi Kappa Alpha.....	1904
Sigma Phi Epsilon.....	1910
Delta Sigma Phi.....	1915
Alpha Gamma Rho.....	1919
Pi Kappa Phi.....	1920
Sigma Pi.....	1921

HONORARY

Alpha Zeta (Agricultural).....	1904
Phi Psi (Textile).....	1916
Pi Beta Sigma (Scholarship).....	1921
Square and Compass (Masonic).....	1922
Scabbard and Blade (Military).....	1922

LOCALS

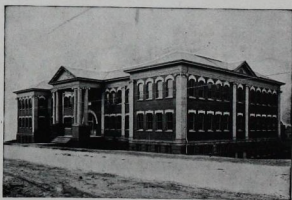
Saints (Inter-fraternity).....	1906
Lambda Sigma Delta.....	1920
Sigma Delta.....	1921
Sophomore Order.....	1919
ALPHA SIGMA EPSILON.....	1917
Kappa Iota Epsilon.....	1919
Pi Alpha.....	1920
Tau Rho Alpha.....	1921



THE STATE EXTENSION BUILDING



THE ELECTRICAL LABORATORY



ELECTRICAL ENGINEERING BUILDING



THE ALPHA SIGMA EPSILON FRATERNITY

MEMBERS

FRANK KUGLER BAKER, Norfolk, Va.

Senior Mechanical Engineering. Age 21; Religious Preference, Methodist Father, Geo. J. Baker, Norfolk, Va.; Occupation, Marine Engineer; College Activities: Student Member A. S. M. E., Tres. (4); Old Dominion Club (1, 2, 3, 4); Band (1, 2, 3, 4); R. O. T. C. Corp. (2); Sergt. (3); Lieut. (4); Glee Club (2, 3, 4); The Rollickers (3, 4); Director (4); Engineering Show (4); College Orchestra (1, 2, 3, 4); Tau Rho Alpha Fraternity; Y. M. C. A.

CRAIGHEAD LENTZ BARNHARDT, Salisbury, N. C.

Junior Civil Engineering; Age 19; Religious Preference, Lutheran; Father, Deceased; College Activities: Y. M. C. A. (1, 2, 3); Promotion Force; A. S. C. E. (3); R. O. T. C., Corp. (2), Sergt. (3); Assistant Manager Football Team (3); Manager Freshman Basketball Team (3).

JULIAN DAVID BRINKLEY, Plymouth, N. C.

Junior Electrical Engineering; Age 21; Religious Preference, Methodist; Father, Paul W. Brinkley, Plymouth, N. C.; Occupation, Register of Deeds; College Activities: Student Branch of the American Institute of Electrical Engineers; Washington County Club; Y. M. C. A.; Assistant Manager of Basketball (3); Track Squad; R. O. T. C. (1, 2, 3); Corp. (2), 1st-Sergt. (3); Delta Sigma Phi Fraternity; Y. M. C. A.

IRVING ALLEN CLAY, Clinton, N. C.

Senior Mechanical Engineering; Age 20; Religious Preference, Baptist; Father, Irving A. Clay, Clinton, N. C.; Occupation, Locomotive Engineer; College Activities: Pullen Literary Society (2); Student Branch of American Society of Mechanical Engineers (3, 4); President (4) Pine Burr Scholarship Society; R. O. T. C. (1, 2, 3, 4); Sergt. (3), Lieut. (4); Commencement Orator for Mechanical Engineering Department (4); Kappa Iota Epsilon Fraternity; Y. M. C. A.

ELMER RANDOLPH COMMANDER, Elizabeth City, N. C.

Senior Electrical Engineering; Age 21; Religious Preference, Methodist; Father, R. H. Commander, Elizabeth City, N. C.; College Activities: R. O. T. C. (1, 2, 3, 4); Corp. (2); Sergt. (3); Lieut. (4); Student Member A. I. E. E. (3, 4); Kappa Iota Epsilon Fraternity; Y. M. C. A.

WILLIAM MICHAEL CUMMINGS, Reidsville, N. C.

Senior Electrical Engineering; Age 20; Religious Preference, Baptist; Father, William Cummings, Reidsville, N. C.; Occupation, Farmer; College Activities: Pullen Literary Society (1, 2, 3, 4); R. O. T. C.; Corp. (2); Y. M. C. A. Cabinet (2, 3, 4); Secretary (3); President (4); Student Government Council (3, 4); Secretary (3); Vice-President (4); Assistant Business Manager College Annual; A. I. E. E.; Bible Study Leader (3, 4); Tau Rho Alpha Fraternity; Business Manager College Directory.

CHARLES DOUGLAS FAUCETTE, Durham, N. C.

Junior Mechanical Engineering; Age 20; Religious Preference, Baptist; Father, J. P. Faucette, Durham, N. C.; Occupation, Liggett & Myers Tobacco Co.; College Activities: Pullen Literary Society (1, 2, 3); Y. M. C. A.; Promotion Force (2, 3); R. O. T. C. Corp. (2); Sergt. (3); Secretary-Treasurer Class (3); Assistant Manager Track Team (3); Tau Rho Alpha Fraternity.

ALBERT SIDNEY GAY, Jackson, N. C.

Senior Civil Engineering; Age 24; Religious Preference, Baptist; Father, Benjamin S. Gay (deceased); College Activities: Leazer Literary Society; Y. M. C. A.; Student Branch of the American Society of Civil Engineers (3, 4); Secretary and Treasurer (4); R. O. T. C. (1, 2, 3, 4); Corp. (2); Sergt. (3); Lieut. (4); Football Squad; Tennis Club; Northampton County Club; Roanoke-Chowan Club (3, 4); Vice-President (4); Square and Compass; Y. M. C. A.

ELLIOTT WOODARD HARRIS, Seaboard, N. C.

Senior Electrical Engineering; Age 21; Religious Preference, Methodist; Father, Adolphus K. Harris, Seaboard, N. C.; Occupation, Merchant; College Activities: Seaboard and Blade; Roanoke-Chowan Club (3, 4); President (4); Pullen Literary Society; Northampton County Club; American Institute of Electrical Engineers; R. O. T. C. (1, 2, 3, 4); Corp. (2); Sergt. (3); Captain (4); Commerce Club (4); Senior Representative on the Executive Committee Y. M. C. A.; Baseball Squad; Camp McClellan, Summer 1922; Tennis Club; House Student Government.

ZEB MARION HARRY, Gastonia, N. C.

Senior Electrical Engineering; Age 20; Religious Preference, Presbyterian; Father, Z. B. Harry, Gastonia, N. C.; Occupation, Merchant; College Activities: Student Member of A. I. E. E., President (4); Gaston Club; R. O. T. C., Lieut. (4); Camp McClellan Club; Kappa Iota Epsilon Fraternity; Y. M. C. A.

WINFIELD SCOTT MORRIS, Wilmington, N. C.

Junior Civil Engineering; Age 22; Religious Preference, Presbyterian; Father, J. E. Morris, Wilmington, N. C.; Occupation, Railroad Engineer; College Activities: Pullen Literary Society (1, 2, 3); President Friendship Council (1); Freshman Football Team; Class President (2); Student Member A. S. C. E. (2, 3); Student Member A. A. E. (3); Y. M. C. A. Cabinet (2); Technician Staff (2, 3); Agromeck Staff (3); Council of Student Government (2); Commencement Marshal (2); Bible Class Leader (2, 3); Secretary Y. M. C. A. (3); Tau Rho Alpha Fraternity; Square and Compass Fraternity.

BONNIE FRANK NORRIS, JR., Gastonia, N. C.

Senior Mechanical Engineering; Age, 22; Religious Preference, Baptist; Father, B. F. Norris, Gastonia, N. C.; Occupation, Manufacturer; College Activities: Band (1, 2, 3, 4); Corp. (2); Sergt. (3), Captain (4); Orchestra (1, 2); Rollickers (3, 4); Business Manager (4); Glee Club (2); Agromeck Art Staff (1); Class Historian (2); Gaston County Club (2, 3, 4), Secretary and Treasurer (2); Reporter (3); President (4); Pullen Literary Society (3); Student Branch A. S. M. E. (3, 4); Student Council (3); House of Student Government (3); French Club (3); Tennis Club (4); Boxing and Wrestling Club (4); Pine Burr Society (scholarship); Seaboard and Blade; Assistant Editor "Technician" (4); Kappa Iota Epsilon Fraternity.

HUBERT CHERRY PRITCHARD, Windsor, N. C.

Junior Electrical Engineering; Age, 19; Religious Preference, Baptist; Father, W. S. Pritchard, Windsor, N. C.; Occupation, Farmer; College Activities: Student Member A. I. E. E.; Roanoke-Chowan Club; Pi Kappa Phi Fraternity; Y. M. C. A.

RAY EDWIN SMITH, Benson, N. C.

Senior Mechanical Engineering; Age 20; Religious Preference, Baptist; Father, Robert F. Smith, Benson, N. C.; Occupation, Lumber Dealer; College Activities: Student Branch A. S. M. E. (3, 4), Secretary (4); Leazar Literary Society (2, 3, 4), Secretary (4); President (4); R. O. T. C. (1, 2, 3, 4); Lieut. (4); House of Student Government (4); Kappa Iota Epsilon Fraternity; Y. M. C. A.

JULIAN BYRD STEPP, Black Mountain, N. C.

Senior Electrical Engineering; Age, 24; Religious Preference, Methodist; Father, C. L. Stepp, Black Mountain, N. C.; Occupation, Building Contractor; College Activities: Sigma Pi Fraternity; Pan-Hellenic Council; Seaboard and Blade Fraternity; Secretary and Treasurer Class (2); Glee Club (1, 2); Buncombe County Club (1, 2, 3, 4); President (4); German Club (2, 3, 4); R. O. T. C., Sergt. (2); Captain (4); A. I. E. E.; Pullen Literary Society; Y. M. C. A.

DANIEL ELMOND STEWART, Coats, N. C.

Senior Electrical Engineering; Age, 20; Religious Preference, Methodist; Father, James E. Stewart, Coats, N. C.; Occupation, Millwright; College Activities: Leazer Literary Society (1, 2, 3, 4); Secretary-Treasurer (3); President (4); Baseball Squad (2, 3, 4); Assistant Football Manager (3); Inter-Society Debate (2); Manager Freshman Football Team (3); Student Branch of the American Institute of Electrical Engineers (3, 4); Friendship Council (2, 3, 4); R. O. T. C. Sergt. (3), Lieut. (4); Athletic Editor "The Technician" (4); Y. M. C. A.

RICHARD LEE TOWNSEND, Manquin, Va.

Senior Electrical Engineering; Age, 23; Religious Preference, Methodist; Father, J. T. Townsend, Manquin, Va.; Occupation, Planter; College Activities: Student Member A. I. E. E.; Old Dominion Club; Trinity College S. A. T. C.; Assistant in E. E. Laboratory; Manager Engineers' Show; Tennis Club, Aerial Club; Y. M. C. A.



THE LIBRARY

ENDORSEMENTS

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION
RALEIGH, N. C.

PRESIDENT'S OFFICE

MARCH 19, 1923.

EXECUTIVE COUNCIL, THETA TAU FRATERNITY.

GENTLEMEN:

I understand that the following gentlemen are applying for a charter to establish a chapter of your fraternity at this institution:

F. K. Baker, A. S. Gay, D. E. Stewart, E. R. Commander, Z. M. Harry, R. E. Smith, J. B. Stepp, I. A. Clay, W. M. Cummings, B. F. Norris, R. L. Townsend, H. C. Pritchard, C. D. Faucette, W. S. Morris, D. J. Brinkley, C. L. Barnhardt.

These gentlemen are members of our Junior and Senior classes in Engineering, and are representative students of the institution. Several of them are leaders in scholarship and in various college activities. I recommend that a charter be granted them.

Respectfully,

W. C. RIDDICK,
President.



SUNSET AT "THE STATE"

**NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING**
STATE COLLEGE STATION
RALEIGH, N. C.

W. A. WITHERS, VICE-PRESIDENT

MARCH 15, 1923.

TO THE EXECUTIVE COUNCIL OF THETA TAU.

GENTLEMEN:

It gives me pleasure to endorse the application of ALPHA SIGMA EPSILON to be admitted to, and organized as a chapter of, Theta Tau.

In this connection it gives me pleasure to say that the applicants are members of the local fraternity which has been in successful existence for the past five years; also that the applicants are young men of splendid character and attractive personality; such young men as would make successful a chapter of your Fraternity, in my judgment.

Yours cordially,

W. A. WITHERS,

Vice-President and Head Professor of Chemistry.



A VIEW OF THE CAMPUS

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION

RALEIGH, N. C.

DEAN'S OFFICE

MARCH 17, 1923.

TO THE EXECUTIVE COUNCIL OF THETA TAU FRATERNITY.

GENTLEMEN:

The following men of the local ALPHA SIGMA EPSILON Fraternity are applying as a body to become affiliated with your National Organization:

CLASS OF 1923: F. K. Baker, I. A. Clay, E. R. Commander, W. M. Cummings, A. S. Gay, E. W. Harris, Z. M. Harry, B. F. Norris, R. E. Smith, J. B. Stepp, D. E. Stewart, R. L. Townsend.

CLASS OF 1924: C. L. Barnhardt, D. J. Brinkley, C. D. Faucette, W. S. Morris, H. C. Pritchard.

FACULTY MEMBERS: J. W. Harrelson, C. L. Mann, G. C. Cox, L. F. Williams, J. G. Evans, M. F. Trice.

The men are members, as indicated, in good and regular standing of our College classes here, and as members of the Faculty. I know personally every man mentioned, and can vouch for the entire group as worthy of membership in any honorable body.

Very truly yours,

THOS. P. HARRISON, *Dean.*



A VIEW OF THE CAMPUS

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION

RALEIGH, N. C.

E. L. CLOYD, DEAN OF STUDENTS

MARCH 20, 1923.

TO THE EXECUTIVE COUNCIL OF THETA TAU FRATERNITY.

GENTLEMEN:

A list of students of this College who are members of the ALPHA SIGMA EPSILON Local Fraternity has been handed to me, and one of their number tells me that they are petitioning your fraternity for the establishment of a chapter.

I know all these men personally, and I had a number of them in my classes while I was teaching, and I look upon them as being among the best students at this institution. The scholarship of many of them is above the average, and I don't know of any of them whose scholarship is unsatisfactory.

The policy of this College now with reference to National Fraternities is favorable. We welcome the establishment of chapters of high class National Fraternities, both social and professional, and there are a number of fraternities who are at this time considering establishing chapters of this kind at this College.

Our College is now about thirty-four years old, and we have registered this year about 1,250 students. Being a State College our income is, of course, provided by the State Government, and the Legislature, which has just adjourned, appropriated about \$1,350,000 for permanent improvements during the next two years, and about \$360,000 a year for maintenance. This is, by far, the largest appropriation that the Legislature has ever made for this College, and we think it shows that the people of the State believe in the kind of education we are giving here.

Among the buildings which we hope to erect out of this appropriation will be a Gymnasium and a Library, together with other buildings, which will house the different departments of the College. The Legislature also increased our Board of Trustees from 16 to 60, and that Board is composed of representative men from every kind of business throughout our State.

Our graduates are working side by side with graduates of some of the large universities in the North and East, and the large manufacturing companies send their representatives here every year to interview our students with reference to work with those companies.

I have no doubt that much more detailed information with reference to the College buildings and grounds and policies of the institution will be sent you with the applications of this group, and it is, therefore, needless for me to go further into this matter at this time.

I, myself, am an alumnus of this College, and I believe the College is just entering upon a greater period of growth and expansion than it has ever had, and I shall be very glad if you can see it to your advantage to establish a chapter of your Fraternity in this institution.

I shall also be very glad to answer any questions you may care to ask which are not covered by this letter or by the other part of the petition which will be presented to you.

Very truly yours,

E. L. CLOYD,
Dean of Students.

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION

RALEIGH, N. C.

DEPARTMENT OF ELECTRICAL ENGINEERING

WM. HAND BROWNE, JR.

HENRY K. MCINTYRE

GEORGE C. COX

ROBERT J. PEARSALL

MARCH 17, 1923.

TO THE EXECUTIVE COUNCIL OF THE THETA TAU.

GENTLEMEN:

One of the local fraternities at this college, ALPHA SIGMA EPSILON, has applied for charter from your fraternity. As eight of the members of the fraternity are Electrical Engineering students, they asked me to say a word in their behalf. I take great pleasure in doing this, as I cannot speak too highly of the character and earnestness of these young men. Six of these are Electrical Engineering Seniors and two are Juniors, and I have known the former for nearly four years, and the latter for three, and I know they are young gentlemen of high ideals and earnest purposes. I am very glad indeed that they have given me this opportunity to state the high regard in which I hold each and every one of them, and I sincerely hope that you will consider favorably their petition.

Very truly yours,

WM. HAND BROWNE, JR.,

Professor of Electrical Engineering.



THE ENGINEERING BUILDING

NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION

RALEIGH, N. C.

YOUNG MEN'S CHRISTIAN ASSOCIATION

E. S. KING, GENERAL SECRETARY

STUDENT OFFICERS

W. M. CUMMINGS, PRESIDENT

H. M. KELLY, VICE-PRESIDENT

W. S. MORRIS, SECRETARY

P. T. DIXON, SECRETARY

BOARD OF TRUSTEES

L. L. VAUGHAN, CHAIRMAN

C. M. HECK, TREASURER

E. L. CLOYD

J. A. PARK

F. A. OLDS

W. W. PEELE

D. W. GLOVER

H. E. SATTERFIELD

MARCH 19, 1923.

EXECUTIVE COUNCIL OF THETA TAU.

GENTLEMEN:

I do not know all of the members of the ALPHA SIGMA EPSILON personally. I am acquainted with nine of them, who are men of good character and prominent in student affairs. I have no doubt but that the majority of the others are good men, too. It is my belief that it would be hard to pick a better group of men out of the Senior and Junior classes at North Carolina State College.

Very truly yours,

E. S. KING,
Secretary.



NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION

RALEIGH, N. C.

DEPARTMENT OF MATHEMATICS

R. E. L. YATES, A.M.

J. W. HARRELSON, M.E.

H. L. MOCK, A.B.

H. P. WILLIAMS, A.B.

J. H. LEROY, JR., A.B.

D. E. BUCKNER, A.B.

J. G. EVANS, B.E.

MARCH 21, 1923.

TO THE EXECUTIVE COUNCIL OF THETA TAU FRATERNITY.

DEAR SIR:

I know personally most of the members of the local ALPHA SIGMA EPSILON Fraternity.

They are worthy and exemplary young men, and I know of no reason why they should not be allowed to establish a local chapter of the National Theta Tau Fraternity at this College.

Yours truly,

R. E. L. YATES,

Professor Mathematics.

**NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING**

STATE COLLEGE STATION

RALEIGH, N. C.

OFFICE OF MILITARY SCIENCE

MARCH 19, 1923.

EXECUTIVE COUNCIL THETA TAU FRATERNITY.

DEAR SIRs:

It is my understanding that the local society, ALPHA SIGMA EPSILON, founded at this institution in 1917, is making application to you for a charter.

I wish to say that I know personally nearly all of those who would become charter members of the new chapter, as I have been in close contact with them in the class room and at drill during the last three years. As a body of students they include men of especially wide and varied experience, and among them are students of exceptionally high scholastic standing.

I have been on duty at this college for almost three years, and as an Engineering School I am of the opinion that it is a Class A school.

It gives me great pleasure to recommend them to you for a charter, in the highest terms. Also, as a member of the Faculty of North Carolina State College, may I say that it will be a pleasure and honor to us to have an active chapter here of the Theta Tau Fraternity.

D. D. GREGORY,

Lieutenant-Colonel, U. S. A., Retired.

**NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING**

STATE COLLEGE STATION

RALEIGH, N. C.

DEPARTMENT OF
CIVIL ENGINEERING

C. L. MANN B.S., C.E.

PROFESSOR OF CIVIL ENGINEERING

HARRY TUCKER, B.A., B.S.

PROFESSOR OF HIGHWAY ENGINEERING

ROSS SHUMAKER, B. ARCH.

ASSO. PROFESSOR OF ARCHITECTURE

L. E. WOOTEN, B.S.

ASST. PROFESSOR CIVIL ENGINEERING

MARCH 19, 1923.

EXECUTIVE COUNCIL THETA TAU.

GENTLEMEN:

Certain students of the Engineering courses of this college are making application to you for the permission of organizing a chapter of Theta Tau at the above institution.

I wish to say that I know personally some of these students, and that I have inquired from the heads of the respective departments as to the standing of the others. I wish to advise that I find that these men making application are representative students of good standing, ranking at and above the class average in scholarship, and that I believe the installation of a chapter here will do honor to the mother fraternity.

(Signed) C. L. MANN,
Professor Civil Engineering.

**NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING**

STATE COLLEGE STATION

RALEIGH, N. C.

CARL C. TAYLOR

ROCKWELL C. JOURNEY

REUBEN O. MOEN

WALFRED A. ANDERSON

AGRICULTURAL ECONOMICS

AGRICULTURAL ADMINISTRATION

FARM MARKETING

RURAL SOCIOLOGY

BUSINESS ADMINISTRATION

INDUSTRIAL MANAGEMENT

MARCH 15, 1923.

EXECUTIVE COUNCIL, THETA TAU FRATERNITY.

DEAR SIR:

I know a majority of the men whose names appear on the petition to your Executive Council. There is not a man among those whom I know personally who is not worthy, and it is my belief that you could very well afford to give this group of young men a local chapter.

Very truly yours,

CARL C. TAYLOR,

Head of the Department of Agri. Econs. and Bus. Admin.

**NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING**

STATE COLLEGE STATION

RALEIGH, N. C.

DEPARTMENT OF
MATHEMATICS

R. E. L. YATES, A.M.
J. W. HARRELSON, M.E.
H. L. MOCK, A.B.
H. P. WILLIAMS, A.B.
J. H. LEROY, JR., A.B.
D. E. BUCKNER, A.B.
J. G. EVANS, B.E.

MARCH 19, 1923.

THE EXECUTIVE COUNCIL, THETA TAU FRATERNITY,

DEAR SIRs:

It gives me pleasure to recommend to your national organization the ALPHA SIGMA EPSILON (local engineering) fraternity of the North Carolina State College. It is composed of an excellent class of students in engineering. I recommend these young men individually and as an organization without reservation.

Yours very truly,

J. W. HARRELSON,

Professor of Mathematics, (Member A. S. M. E.)

NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING

STATE COLLEGE STATION

RALEIGH, N. C.

DEPARTMENT OF
MECHANICAL ENGINEERING

L. L. VAUGHAN
W. J. DANA
J. M. FOSTER
E. L. CLOYD
C. B. PARK
T. J. MARTIN

W. S. BRIDGES
H. B. BRIGGS
F. B. WHEELER
H. J. JONES
G. W. PRICE

MARCH 19, 1923.

TO THE EXECUTIVE COUNCIL OF THETA TAU.

GENTLEMEN:

It gives me pleasure to endorse the application of ALPHA SIGMA EPSILON to be admitted to Theta Tau.

I am personally acquainted with the majority of these men, having four in the Senior Mechanical Engineering section, and believe them to be young men of earnest purpose. I feel that the Executive Council of Theta Tau would not be acting unwisely to accept the application of the local fraternity.

Very truly yours,

L. L. VAUGHAN,
Professor of Mechanical Engineering.

**NORTH CAROLINA STATE COLLEGE
OF AGRICULTURE AND ENGINEERING**

STATE COLLEGE STATION

RALEIGH, N. C. *

CARR PHYSICAL LABORATORY

CHAS. M. HECK

J. B. DERIEUX

A. A. DIXON

N. B. FOSTER

F. W. COOKE

MARCH 19, 1923.

EXECUTIVE COUNCIL OF THE THETA TAU FRATERNITY,
GENTLEMEN:

I wish to recommend our local ALPHA SIGMA EPSILON Engineering Fraternity who are applying for admission to the Theta Tau Fraternity. I know these men personally, having taught them and had campus contact with them in various ways.

I can also recommend the spirit of the work done here by these men and the grade of work in their engineering courses. I feel confident of the future of these men and am sure that you will have a worthy addition in them.

Yours truly,

CHAS. M. HECK,

Professor of Physics.

OUR ALUMNI AND THEIR PRESENT POSITIONS.

CLASS OF 1918

W. Z. BETTS	Raleigh, N. C.
<i>Bridge Department, N. C. State Highway Commission</i>	
B. B. BROWN	Schenectady, N. Y.
<i>Testing Department, General Electric Company</i>	
L. C. FLOURNEY	Birmingham, Ala.
<i>Distribution Engineer, Alabama Power Company</i>	
W. E. LEEPER	Gastonia, N. C.
<i>Civil Engineer</i>	
E. F. LEWIS	Seattle, Wash.
<i>Junior Hydrographic and Geodetic Engineer U. S. Coast and Geodetic Survey</i>	
R. V. TERRY	Newport News, Va.
<i>M. E. 1921 Engineering Department, Estimating Division, Newport News Shipbuilding and Dry Dock Co.</i>	

CLASS OF 1919

G. E. BUSH	Akron, Ohio
<i>Firestone Tire and Rubber Company</i>	
W. D. JOHNSTON	Cincinnati, Ohio
<i>Engineering Department, The Procter & Gamble Company</i>	
F. B. LONG	Charlotte, N. C.
<i>N. C. State Highway Commission</i>	
H. G. MCGINN	Spray, N. C.
<i>Carolina Cotton and Woolen Mills Company</i>	
W. L. SHUPING	Charlotte, N. C.
<i>Sales Engineer, Westinghouse Electric and Manufacturing Company</i>	
J. N. SUMMERRELL	Cramerton, N. C.
<i>Mays Mills</i>	

CLASS OF 1920

J. H. BONITZ	Wilmington, N. C.
<i>Architectural Inspector A. C. L. R. R. Co.; President and General Manager Beach Water Co.</i>	
F. D. CLINE	Washington, D. C.
<i>Asphalt Plant Superintendent, R. G. Lassiter & Company</i>	
H. D. LONG	Raleigh, N. C.
<i>N. C. State Highway Commission</i>	
W. S. MANN	Raleigh, N. C.
<i>Draftsman, Road Department, N. C. State Highway Commission</i>	
D. A. WICKER	Durham, N. C.
<i>N. C. State Highway Commission</i>	
O. A. ZACHARY	Duke, N. C.
<i>The Erwin Cotton Mills Company</i>	

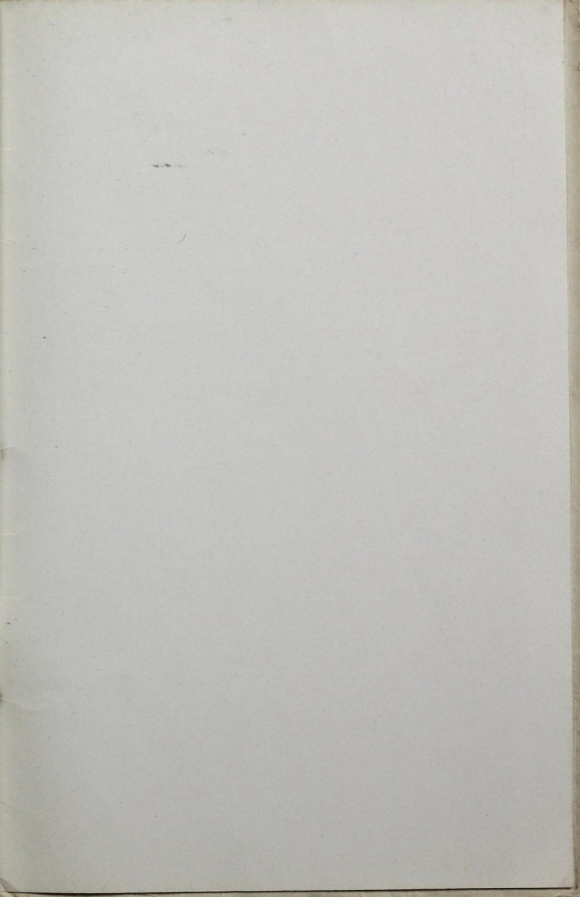
CLASS OF 1921

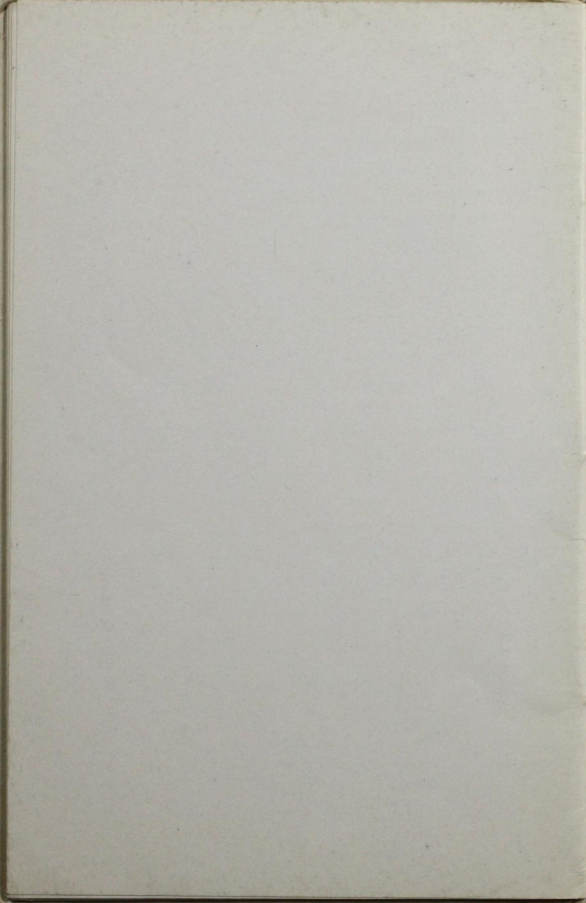
J. D. ALBRIGHT	New York, N. Y.
<i>Head Chemist, Prohibition Enforcement, New York City</i>	
R. V. BIBERSTEIN	Fayetteville, N. C.
<i>N. C. State Highway Commission</i>	
R. S. COLLINS	Wilmington, N. C.
<i>N. C. State Highway Commission</i>	

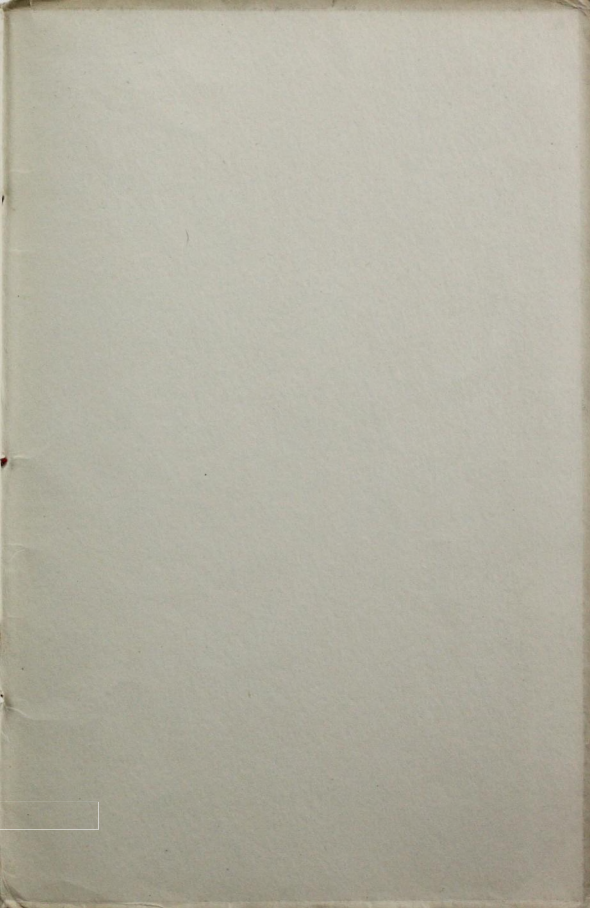
E. W. CONSTABLE	Chapel Hill, N. C.
<i>Graduate Student, University of North Carolina</i>	
R. A. M. DEAL	Raleigh, N. C.
<i>Draftsman, N. C. State Highway Commission</i>	
J. G. EVANS	Raleigh, N. C.
<i>Instructor, Mathematics Department, N. C. State College</i>	
D. A. FLOYD	Schenectady, N. Y.
<i>Student Engineer, General Electric Company</i>	
J. P. JOHNSON	Schenectady, N. Y.
<i>General Electric Company</i>	
J. K. JONES	Columbia, S. C.
<i>Southern Bell Telephone and Telegraph Company</i>	

CLASS OF 1922

H. H. BANGS	Henderson, N. C.
<i>Assistant Manager Power and Light Co.</i>	
G. P. FLOYD	Charlotte, N. C.
<i>Southern Engineering Company</i>	
J. D. GILL	Henderson, N. C.
<i>N. C. State Highway Commission</i>	
E. E. INSCOE	Schenectady, N. Y.
<i>Student Engineer, General Electric Company</i>	
D. B. JENKINS	Raleigh, N. C.
<i>N. C. State Highway Commission</i>	
R. L. MILLS	Raleigh, N. C.
<i>Chemical Department, N. C. State Highway Commission</i>	
J. W. MOORE	Lynn, Mass.
<i>Student Engineer, General Electric Company</i>	
J. L. NICHOLSON	Buffalo, N. Y.
<i>General Electric Company</i>	
W. I. PICKENS	Inman, S. C.
<i>Inman Cotton Mills Company</i>	
S. H. STRICKLAND	Raleigh, N. C.
<i>N. C. State Highway Commission</i>	
B. W. WILLIAMS	Nashville, Tenn.
<i>Cotton Oil Mills Company</i>	
E. B. YOUNG	Raleigh, N. C.
<i>N. C. State Highway Commission</i>	
G. M. GREENFIELD	Charleston, S. C.
<i>Standard Oil Company of New Jersey</i>	
J. M. PEDEN	Pittsburgh, Pa.
<i>Westinghouse Electric and Manufacturing Company</i>	
D. C. RAGAN	High Point, N. C.
<i>National Aniline and Chemical Company</i>	
W. L. ROACH	Raleigh, N. C.
<i>Assistant Engineer, City of Raleigh</i>	
R. R. ROBERTSON	Rock Hill, S. C.
<i>Southeastern Construction Company</i>	
R. P. STACEY	Wilkinsburg, Pa.
<i>Assistant Engineer, Duquesne Light Company</i>	
G. W. THIGPEN	Schenectady, N. Y.
<i>General Electric Company</i>	
M. F. TRICE	Raleigh, N. C.
<i>Instructor, Department of Chemistry, N. C. State College</i>	







1874
J. H. Hopkins