

Hammer and Tongs House  
Houghton, Michigan

12/10/09

Dear Bro Schrader,

At your request I am sending you by registered mail a copy of the ritual used by Beta. We find that it works very well. It was revised by several Beta men last spring and we have used it ever since. Of course it might be more elaborate.

Hammer & Tongs is growing rapidly. We here at Beta feel very much the need of revising the entire fraternity. Not with the idea of making any changes but that we may acquire a "system."

When I first heard that the South Western Alumni Chapter were to hold a reunion at Christmas time, I thought that that would

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Houghton, Michigan

be a mighty good opportunity to draw up a new Constitution. Our old one is about to be ammended and if we could rewrite it it would save a lot of troublesome work. In accordance with this I talked to our men. They all seem to agree with me. That with other views that Bro Snyder (Beta's Treas.) is writing you started a movement towards getting a new pin. Of course Beta does not want to seem forward in this matter but some one must take the initiative. I have since written to several of our alumni about it. They seem heartly in favor of the changes. I had quite a talk with Bro Hopkins lately and some of the reasons that I will advance



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are at his suggestion.

1<sup>st</sup> The New Pin - Bro. Snyder's letter explains this in detail. It might be well to add that the ritual be worked up around the pin as a basis.

2<sup>nd</sup> The Constitution - There is too much leeway in our present one. It might, in several places, be ~~mis~~interpreted. It served our purposes in the beginning. But as you ~~no~~ doubt are aware of it hardly serves the purpose now. Do you not agree with me? Our present Constitution calls for a revision when our chapters number five. But why wait?

3<sup>rd</sup> Business end - There seems to be no system of communication between the different chapters and its need is greatly shown in trying



Houghton, Mich., May 4, 1911.

Dear Brother:-

Our fraternity is at last on a good solid foundation and was never in a better position, since she came into existence than she is at the present time. You have probably been wondering why we have not issued a bi-monthly letter. It was because we didn't want to tell you anything, until we could tell you everything, and make the statement which heads this letter. Before we take up the argument where we left it last January, Beta's active chapter wants to thank each and every alumnus for the support they offered us when we called on them. There was nothing that made our men pull together or work harder than did the letters we received in answer to our long circular which left here several stormy months ago. Every answer we received showed that true H & T spirit which has so characterized this fraternity, and it was certainly a pleasure to us to know that our old men hold this fraternity just as dear now as they did while they were fighting for her in college. We can't tell you anything about this spirit for you all know what it is. Come back next August and see for yourself that it has stayed with every other brother the same as it has with you, and then you will not wonder at the fact that Beta received forty pledges of support in less than twenty days after she called for them, and several more as soon as foreign postoffices could get them to us.

Now I will take up the story where we left off ~~just~~ before the convention. From our letter, you guessed that the fraternity was in a toply condition and that Beta had determined not to let it fall into that large class of second-rate honorary societies, even if we had to pull it to pieces in order to keep it out of this class. We also ~~that H& T had been in~~ that H& T had been in ~~out~~ long enough, and that it was time for her to



Sec. 3. A chapter shall have the privilege of limiting its membership to one or more of the courses in engineering as specified in Sec. 1 of this Article, and may adopt a by-law to that effect.

Sec. 3 has not yet been approved by Gamma, but we think it will be shortly. The new ritual is also to contain in one of the lectures a statement that the trend of this fraternity is towards mining. Although you will see that the above policy is a long ways from our ideal, and in one way nothing new, yet it proved to be the only practical one left open for us, which would give all three chapters something to work for, and at the same time draw closer together the best miners turned out from all the technical schools in the country. Of course it is understood that strictly mining chapters will be established in all schools that are able to support same, so we will not only have all the miners we would get under a strictly mining policy, but in addition to these the best miners turned out from such schools as Wisconsin and Minnesota where they have good mining departments and are turning out first class engineers, but where these departments are too small to support a chapter up to our present standard. Sigma Rho's chapter at Minnesota is an example of what results from establishing a mining chapter in a school where the mining department is too small. They have been forced to take in nearly all the miners in the school outside of the nine or ten our Alpha chapter picked. This means that the difference in membership is so marked between the two bunches that our Alpha brothers have practically no trouble at all in taking the men they want.

There is another question we must answer, and that is, how is our present policy going to influence expansion in schools where the mining department is large enough to support a mining chapter? In answer to this will say that by the time this letter reaches some of you, we will have two new strictly mining chapters; one at the Case School of Applied Science and the other at the University of California; and from the favorable reports we have been receiving we will probably have another one at Columbia by next Xmas. Brother Lowell of Gamma is in the vicinity of Boston, and is starting things for us at Tech. There is one school though where we haven't been able to do anything as yet and that is at Rolla. Two years ago, Brother Longan was sent to Rolla by Beta and made a very favorable report on the school, but unfortunately no one took the matter up where he was forced to drop it on account of his going to Mexico, so the results of his labors have been thrown away. Can you help us out at this school or any other one where you think we should have a chapter. We have done some pretty thorough investigating this year, and know there are only three or four schools in the country, such as the M. C. M., Golden, and Rolla, where the mining departments are large enough to support two mining fraternities, and at all other schools it is a case of where the first fraternity on the job gets everything, so you see the necessity for action. If you have any friends at any school where mining or metallurgy is taught and that you think is turning out the kind of engineers we want, give us their names and help us establish a chapter there.

I am now going to quote Sec. 1, Article I, Chapter I of our new constitution as it now stands. "The name of this fraternity shall be Theta Tau" The above was not decided on at the convention and it was only after considerable argument and numerous letters between chapters, that we finally adopted our Greek letters. Beta was the chapter advocating this change. I will not take up the arguments why name should remain Hammer & Tongs, but will give you briefly some of the things we were confronted with at other schools where we were endeavoring to establish new chapters. On account of our old name we were continually being classed as a local, a boarding club, or a booze



are as follows:- James B. Lowell (Gamma) Vice Regent, H. H. Hopkins, Jr. Grand Scribe, B. B. Walling (Alpha) Grand Treasurer, and C. A. Kumke fifth member of the Executive Council.

The Chicago and Southwestern Alumni Associations were also granted charters by the convention.

Our first opportunity to try out the new ritual was at our Spring initiation which was held on March 25th. Brother Schrader was with us at that time and acted as Regent, and we will all remember this initiation. Brother Sneve of Alpha also came to Houghton for our Initiation and banquet. The latter was held at the Scott Hotel the same evening. I don't want to torture any of you fellows who are out in the sagebrush by giving a description of this banquet, but if you don't write and tell us that you are coming back for the reunion, we will have to resort to means of this kind. We will take care of you all even if we have to put beds in the ice house in order to have enough to go around. Please let us know immediately if you are going to be here. Nearly half of our men have already said they were coming back whether the trains were running or not, and we believe the other half are thinking the same thing.

We are enclosing two other letters; one on the new pin and the other on honorary members, and we wish you would give these your attention as soon as possible. Beta is working hard on the "GEAR" and we expect to have it ready to mail by the middle of May.

It is impossible for us to give you details on the progress this fraternity has made or a lot of the why's and wherefore's, but come back next August and let us tell them to you personally.

Yours fraternally,

BETA CHAPTER.



# Beta Chapter of Hammer and Tongs Fraternity

## November 1906.

### Rhombohedron Alumni.

NAMES.	HOME ADDRESS.	PRESENT ADDRESS.
Bartlett, H. L. <i>initiated</i>	Care of J. E. Bartlett Co., Jackson, Mich.	Republic Iron & Steel Co., Virginia, Minn.
Benson, A. F. <i>initiated</i>	South Lake Linden, Mich.	Virginia City, Minn.
Bishop, G. C.	Cuba, N. Y.	Deceased.
✓ Douglas, T. J. Jr.	1031 West 7th. Str., Los Angeles, Cal.	1031 West 7th. Str., Los Angeles, Cal.
✓ Cossar, G. C.	East Craig Corstorphine, Scotland.	East Craig Corstorphine, Scotland.
✓ Johnson, J. S.	1770 Boundary Str., Calumet, Mich.	Pearce, Ariz.
Kratz, A. M. <i>initiated</i>	Calumet, Mich.	Wilkinsburg, Pa., Box 156. <i>Kimberly South Africa</i>
✓ Longan, W. B. <i>initiated</i>	3602 Main Str., Kansas City, Mo.	Unknown.
✓ Merry, H. M.	Electric, Mont.	Sprigg, W. Virg.
✓ Morrison, G. A.	Coldwater, Mich.	Care of Minas, Delores, y Anexos <i>South America</i> Matchua la San Luis Potosi, Mex.
✓ Parkhurst, F. H. Jr.	Medina, N. Y.	Gold Rock, Ont. Canada.
Potter, O. M. <i>initiated</i>	Unknown	Tonsenina, Alaska.
Smith, A. L. <i>initiated</i>	Pontiac, Mich.	Wakefield, Mich., Box 274.
Wilkinson, P. H. <i>initiated</i>	Crookston, Minn.	Care of A. C. Co., Morenci, Ariz.
✓ Young, J. W.	Ashville, N. Car., Care of Geo. Scott Lumber Co.	Ashville, N. Car., Care of Geo. Scott Lumber Co.

### Hammer and Tongs Alumni.

NAMES.	HOME ADDRESS.	PRESENT ADDRESS.
<i>C. &amp; M. Mine</i> Anderson, G. A.	301 Hudson Ave., Detroit, Mich.	Care of F. S. Peck, 41 Charles Str., <i>Baker Mon.</i> Deadwood, S. Dak. <i>Cal &amp; Mon Mine</i>
Andrews, W. B.	4323 Gilliat Str., Duluth, Minn.	Hawkins Mine, Nashua, Minn. <i>tranching in Calif</i>
Burke, G. M.	Canandaigua, N. Y., 171 Main Str.	Care of Bull Frog Mining Co., Joplin, Mo.
Downing, R. L.	1893 Marshall Av., St. Paul, Minn.	Hibbing, Minn., Box 766.
Hasselbring, A.	Flint, Mich.	Care of Ill. Iron Co., North Freedom, Wisc. <i>Capillita, Copper Co</i>
Houston, F. K.	Beaver, Penn.	<i>Dollar Bay, Mich. Argentine Republic</i> Calumet, Mich. <i>Michigan</i>
Herman, C. F.	Calumet, Mich.	Calumet, Mich.
Hopkins, H. H.	50 Dearborn Str., Chicago, Ill.	50 Dearborn Str., Chicago, Ill.
Kingston, C. J.	Central Mines, Mich.	Cerro De Pasco, Peru, S. A.
McKillican, J. A.	Escanaba, Mich.	Care of Michigan Montana Development Co., Wicks, Montana.
Meuche, A. H.	166 Jasper Str., Houghton, Mich.	166 Jasper Str., Houghton, Mich.
Phillips, R. B.	214 Durango Str., El Paso, Texas.	Care of Winona Mine, Winona, Mich.
Steinbach, H. P.	L'Anse, Mich.	<i>Hancock, Mich. Box 838. Virginia Minn</i>
Staples, C. B.	Stillwater, Mich. <i>Michigan</i>	422 Hamilton Place, Ann Arbor, Mich. <i>Stillwater Minn</i>
Sweeney, W. G.	Paradise, Ariz.	Baxter Springs, Kansas.
Varney, F. W.	Unknown <i>N. I. T. Anise, Houghton</i>	Ely, Nevada.

### Active Members of Hammer and Tongs.

NAMES.	HOME ADDRESS.	PRESENT ADDRESS.
Aisip, A. A., '08	4937 Woodland Av., Chicago, Ill.	H. & T. House, Houghton, Mich.
Barr, J. A., '07	520 Michigan Av., Escanaba, Mich.	H. & T. House, Houghton, Mich.
Earling, R. B., '08	108 East 24th Str., Minneapolis, Minn.	H. & T. House, Houghton, Mich.
Graham, E. R., '07	Croswell, Mich.	H. & T. House, Houghton, Mich.
Hicks, B. R., '08	736 Algoma Str., Oshkosh, Wis.	H. & T. House, Houghton, Mich.
Kirkpatrick, M. R., '07	Bellingham, Wash.	H. & T. House, Houghton, Mich.
Koontz, K. K., '08	542 Central Av., Johnstown, Pa.	H. & T. House, Houghton, Mich.
Kumke, C. A., '06	35 Humboldt Av., Detroit, Mich.	H. & T. House, Houghton, Mich.
Marshall, G. B., '07	181 Alexander Av., New York, N. Y.	H. & T. House, Houghton, Mich.
Perkins, W. J., '07	Norway, Mich.	H. & T. House, Houghton, Mich.
Peacock, C. D., '08	526 50th Str., Chicago, Ill.	H. & T. House, Houghton, Mich.
Pickard, B. O., '07	6002 Lincoln Av., Omaha, Nebr.	H. & T. House, Houghton, Mich.
Randolph, G. O., '07	213 East Arch Str., Marquette, Mich.	H. & T. House, Houghton, Mich.
Thoms, J. E., '08	Three Rivers, Mich.	H. & T. House, Houghton, Mich.
Torbert, J. B., '07	Jersey Shore, Penn.	H. & T. House, Houghton, Mich.
Wagner, J. E., '08	Belding, Mich.	H. & T. House, Houghton, Mich.
Wanvig, J. D., Jr., '08	404 Webster Place, Milwaukee, Wis.	H. & T. House, Houghton, Mich.
Wing, H. W., '08	538 West Main Str., Ionia, Mich.	H. & T. House, Houghton, Mich.

### Pledged Members of Hammer and Tongs.

NAMES.	HOME ADDRESS.	PRESENT ADDRESS.
Carroll, W. F., '08	423 West 59th Str., Chicago, Ill.	H. & T. House, Houghton, Mich.
Crocker, B. E., '09	Iron Mountain, Mich.	H. & T. House, Houghton, Mich.
Hellberg, E. A., '09	Norway, Mich.	H. & T. House, Houghton, Mich.
Morgan, G. H., '08	1779 John R. Str., Detroit, Mich.	H. & T. House, Houghton, Mich.
Wood, E. C., '09	204 Chambers Av., Peoria, Ill.	H. & T. House, Houghton, Mich.

*Trembath - Butte, Montana.*

*Crabb - Detroit.*





**The Avenue Hotel**  
MADISON, WIS.

GEO. P. GIFFORD  
Ownership Management

Formerly of Great Northern Hotel and  
The Vendome Apartments, Chicago

June 7 1917

Wm J. Schroeder  
St Paul Minn.  
Dea Schroeder -

I enclose letter from  
C. F. Korkler - Gary Ind  
which explains itself.  
I am personally  
acquainted with Korkler  
and at one time talked  
over this proposition  
of initiating Alumni in  
case of the granting of  
a charter. Now that the  
Chapter is installed he  
wants to be initiated and  
I believe this could be  
done in Chicago - thus  
saving him the expense  
of a trip to Cleveland.  
Heretofore we have done





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this on the authority and  
at the request of the Chapter  
of which the man is to  
become an Alumnus. Is  
a copy of the new Ritual  
obtainable? Also kindly  
advise me whether  
the jurisdiction in this  
case rests with the  
Chapter or with the  
Executive Council.

A meeting of the  
Chicago Alumni Chap.  
will be held in Chgo  
during the week of  
June 19 to 23 - I can't  
name the exact date.  
Bro Cameron XX! B &  
Bros. Rice B & Simpson B  
will be in Chgo to attend





**The Avenue Hotel**  
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the wedding of Bro  
Simpson on the 21st  
and we will have a  
meeting at that time.  
Bro C. O. Wamig I may  
be there too.

I will be in Chgo  
Friday night and  
will look for suggestions  
from you.  
In haste

Yours in H+T  
H. H. Hopkins  
Grand Seize

P.S. Kindly return  
Kochler's letter -



EXECUTIVE COUNCIL

OF

THETA TAU

164 No. Dearborn St.,  
Chicago,  
October 13th. 1911.

Dear Bro. Schrader:-

*Sub-  
Chapter*

Kunke was in the office yesterday (10/12/) and I have his signatures on the Charters. The only signatures we lack are Wagner's and Buck's on the Gamma Charter. As you are Pres. of the S-W Alumni Ass'n, will you let me know to whom you want it sent? I will send the Delta Charter today and the Epsilon Charter as soon as I find out whom to send it to. I wrote to Louderback and asked for the name of the Regent.

I find that the Scribe's office is sadly lacking in information as to the personnel of the Chapters- even to past members. There is no information at present regarding the Regent or officers of any Chapter except Delta. Where are the records kept? I would start a system for keeping tract but for the fact that I am sure there must be such a system in somebody's charge. If not, would suggest that the authority and responsibility be put upon either the Treas or Scribe for compilation of statistics. What is the dope on this?

Another matter; what is the opinion in regard to dues in Alumni Ass'ns? Are you favorable toward cancelling the Annual dues from the Ass'ns? I explained to you that the Chgo Ass'n isn't framed up that way and personally, I wouldn't care to undertake to keep tract of dues from members etc. in order to be able to have such an Ass'n. And yet the Chgo. Ass'n has it in the power to play the host to H.& T men. *very often*

In regard to some system for keeping tract of men in the Chapters, would suggest that Chapters be required to send information as to new members after each initiation. Also, regarding officers, after each election.

You gave me the formal notice of authority to initiate Epsilon and I will send it with the Charter. Have you given Delta their copy of authority?

I hope this letter find you better and on the road to a speedy recovery.

Yours fraternally,

*H. H. Hopkins Jr*

EXECUTIVE COUNCIL  
OF  
THETA TAU

164 No. Dearborn St.,  
Chicago,  
Oct 22nd., 1911.

My dear Schrader:-

I wrote you the other day and sent the letter to Douglas & Pickard and hope this reached you safely. I have some things I want to ask about.

The Constitution calls for a Report of the Annual Meeting, to be sent to each Chapter and Alumni Ass'n. I just came across this item. Did the Council intend for that to be carried out? It is quite a job and I am writing you before starting that task.

Another: The Constitution says the place of next meeting will be decided upon at the meeting. Was that done at the last meeting? If so when is it?

What is the date of the beginning of the fiscal year of the Frat? If none has been set, what do you think of Sept. 15th. for such a date? My idea would be to have it end when all the chapters were out of school.

I'm just in receipt of a letter from Delta asking if there was any way to initiate two men up in Montana. I don't know of anyone up that way who could do that for them. I will write to Beta and find out if there is anyone that they know of. According to the way I read the Constitution such a ceremony should be performed by a Chapter or an Alumni Ass'n- that is by a past regent under the auspices of an Alumni Ass'n. Could an initiation be performed by a past regent without the Alumni Ass'n? How many witnesses would be necessary? It would take three men to give them the Ritual as it should be given. Is there any ruling on this case? What is your idea?

Let me hear from you at your earliest convenience.

Yours fraternally,

*H. H. Hopkins Jr.*



EXECUTIVE COUNCIL  
OF  
THETA TAU

Jamesville Wis  
Jan 25-1912

My dear Schrader -

Pardon pencil - am "on the road"

I received yours of the 13th - Now in regard to Alumni delegates to Nat. Conv., I am of the opinion that they will not count for much at present. It seems to me that the men who organize & really keep alive an Alumni Assn are men who are interested enough in Frat. affairs to let their ideas be known and hence get about all the influence in H. & T. affairs that they would by formal recognition at a Convention. I am willing to curtail the powers of the Alumni Assn representatives - except in one way. I believe in the right of any man in good standing to appear before the Convention or any body in regular session and present his views (a limited length of time for argument) on any subject under consideration. That does not mean that he should vote. But one man's single vote on any subject will not

over

have much effect on legislation unless he has sound arguments - and if he has sound arguments he can get the ear of some man who has the right to attend and vote.

Another idea; wouldn't it be a good custom to adopt - to outline as nearly as practical, the general subjects to be taken up at any convention. Do this in advance - this is up to the Pres - <sup>(with assistance of Secy)</sup> and notify each Chaptered Alumni Assn at least a month in advance so that the delegates may have their ideas worked up and thus save time at the Convention. Then take up these in order of their importance and dispose of them first.

In regard to your question I think it would be all right to leave the voting arrangement as it stands & change the wording to read "a chapter may be represented by two delegates" as you suggest.



EXECUTIVE COUNCIL  
OF  
THETA TAU

An suggestion I offer is in the nature of betterment of the Frat. and not individual gain. Personally I don't care much whether there is an allowance for officers expense to a convention - though a trip to Calif for instance would be a heavy drain - but I think it would be very advantageous to have all officers present at a Convention.

Another thing while I think of it - There is a discrepancy in the "oldest sign" which should be corrected. Beta probably Delta have the sign reversed using ~~three~~ fingers & replying with two - I suggest that you instruct the Regents of all Chapters to display the right sign in meeting and warn their men that the sign has been given wrong in some Chapters for some years. That sign is a means of recognition and should be absolutely correct. Will you attend to this?

Would also suggest that at each Convention the Chapter entertaining same try to have a candidate (or work it on a dummy) where the ritual proper (except the lectures) can be given by

the Grand Officers as a sort of School of Instruction - where particular emphasis could be given to showing the proper floor work and room arrangement etc.

I will write to Marshall at Boston Deck as you suggest. I would like to see Chapters at Deck - Columbia & Ames by June but that means hustle.

Will close for tonight. I hope your leg is getting better.

Yours fraternally

H.H. Hopkinson



(HAMMER AND TONGS)

THETA TAU FRATERNITY.

MINUTES.

SPECIAL MEETING of the EXECUTIVE COUNCIL , April 18- 1912.

Held at Zeta Chapter, Lawrence, Kansas.

PRESENT.

E. J. Schrader, Grand-Regent.

B. B. Walling, Grand-Treasurer.

H. H. Hopkins Jr., Grand-Scribe.

-o-o-o-o-o-o-o-o-

Meeting called to order by Bro. Schrader. Three members of the Executive Council, being present, constituted a quorum for the transaction of business.

MOVED (Schrader) "The Gr-Scribe shall notify all Chapters and Alumni Ass'ns of passing of Resolution to amend Sects. 10 Art 8 Chap 1. and Sec 4. Art 7 Chap 2, referring to dues and fees of Alumni Ass'ns by striking same from Constitution, having been passed by all Chaps. except Gamma. (Date of this notification will be the date of the amendment.) Seconded and CARRIED.

MOVED. (Schrader) that the College Publishing Society be paid \$ 4.00 for the expense of getting up cut of pin for publication in the "Manual of College Frats by Baird". Seconded and CARRIED.

MOVED. (Hopkins) The Gr-Treas be instructed to purchase a copy of Baird's Manual. Seconded and CARRIED.

MOVED (Walling) The bills of the National Fraternity be paid by the National Treasurer on the O.K. of one other

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member of the Executive Council, and the receipted bills be kept by the Grand-Treasurer.

MOVED- (Walling) that Gr-Regent, Gr-Treas. and Gr-Scrib be reimbursed for expenses of the trip to Lawrence to install Zeta Chapter, on April 17th. 1912.

-o-o-o-o-o-o-o-o-o-o-o-o-o-o-

#### INTERPRETATIONS.

No Chapter shall have a vote on a petition received previously to the installation of the Chapter.

No member of Theta Tau, who is also a member of a local club petitioning Theta Tau, shall be initiated as a charter member, if petition be granted; nor shall he be named in the charter of the new Chapter. The only way he may become affiliated with the new Chapter is by transfer of membership- as called for by the Const.- Art. F Sec 2.

If an honorary member is also a charter member, he shall pay the same national fee as the other charter members - this fee being now \$5.00. At all other initiations an honorary member shall pay the regular fee of \$10.00. This is allowed because an honorary charter member may be instrumental in organizing a new Chapter and should pay only the same fee as the others.



THE GEAR OF THETA TAU  
J. E. HAYNES, EDITOR  
OFFICIAL ORGAN OF THE FRATERNITY  
1787 HAGUE AVE., ST. PAUL, MINN., U. S. A.

April 23, 1914.

*E. J. Schrader*  
Mr. E. H. Hopkins, Jr.,  
164 No. Dearborn St.,  
Chicago, Ill.

Dear Hop.:

Regarding your wire: We will hold up publication of THE GEAR until May 15th or thereabouts awaiting action on petition from Columbia Senior Mining Society. Please keep me posted as to developments.

The Alpha Alumni Banquet with Alpha Chapter took place last night at the University Club, Minneapolis and favorable action was taken on the petition by the active chapter, and the Twin City Alumni Association-a quorum being present.

Brothers Kingsley, Timperley, Johnson of the Alumni objected to the granting of said petition if mining students only were to be admitted by them as the present policy of the Fraternity is evidently broader than that-all chapters with the exception of Beta and Gamma (taking men from the various engineering departments); these two being in schools where other engineering departments are not established. However, the Alumni Association favors the petition but we must impress on you that the broader policy is what we recommend.

I certainly enjoyed seeing you in Chicago; I have now met personally all of the Executive Council excepting R. I. Parker.

Don't forget the letter you are going to write for THE

GEAR.  
cc-E. J. Schrader

Yours in Theta Tau,

*J. E. Haynes*

BOARD OF DIRECTORS  
H. H. HOPKINS, JR.  
H. J. KAUFMAN  
F. O. WILLIAMSON  
L. R. DICKERSON  
E. A. FRANK



OFFICERS  
H. H. HOPKINS, PRES.  
H. J. KAUFMAN, VICE-PRES.  
F. O. WILLIAMSON, SEC'Y-TREAS.  
330 OLD COLONY BLDG., CHICAGO  
ADDRESS ALL COMMUNICATIONS TO  
THE SECRETARY

Chicago, March 18th, 1915.

Mr. E. J. Schrader,

Yerrington, Nev.

My dear Schrader:

I enclose a copy of one of my letters with a correction made. Please notice same. I forwarded to P. D. Brown the letter which you enclosed. Since writing you, I have talked to J. E. Haines and understand that Matchett will make a good man for the Gear.

Referring to convention expenses, your idea to allow expense of delegate from his home is a good one if it can be carried out. If each chapter would elect a delegate within 30 days, we could then correspond with the delegate and find out the probable location of each at the time of his leaving for the convention, and in that way get a very accurate estimate of expense. I believe you would not favor in selecting a delegate primarily to save expense. I believe that the chapters should work with you in picking the delegates. Would suggest that you take up this matter direct with each chapter.

Referring to Shingle, the motion read that Alpha chapter investigate designs and submit to chapters. You can judge for yourself how far you wish this matter to be carried before the next convention. I don't think it is necessary to wait for convention action on the Shingle.

I must have sent to you a letter from Geo. Geib of Illinois University. If you have not received it, please let me know.

Yours fraternally,

Know no one to recommend for the position of assayer. Lots of men looking for work however.



EXECUTIVE COUNCIL  
OF  
THETA TAU

Chicago, Aug. 10th, 1914.

Mr. E. J. Schrader,  
Yerrington, Nev.

Dear Schrader:-

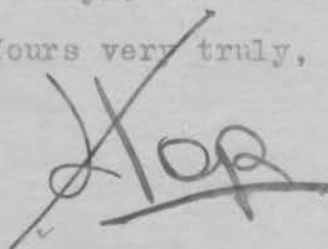
Referring to your inquiry of July 10th, in regard to certain resolutions and amendments, would say that I have the first two here. The first one is the pledge obligation, and the vote on that is still incomplete. I have also the petition of the Columbia Chapter, the vote on which is still incomplete. I have a copy here of the resolution which you started last year, referring to Chapter 1, Article 9, Section 18. I will endeavor to trace this and find where it is located. The resolution in regard to extension I have not seen, and did not know it was out. As soon as I can find out who is in charge at each one of the chapters, I will get a letter from them, saying what resolutions they have, and in that way will be able to trace the resolution of yours which was lost.

I sent you the other day, the printed copies of the amendments for your constitution. I have sent them to all chapters that are open, and will forward the balance as soon as school opens again.

Referring to the resolution No. 19, I enclose a notice to the effect that this resolution was passed. I received this from Parker on July 10th, and have neglected to forward it to you sooner.

Will write you again in a few days.

Yours very truly,



*Enclosed  
find copy*



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164 N. DEARBORN ST., CHICAGO

TELEPHONE CENTRAL 1038

Chicago, June 23rd, 1915.

Mr. E. J. Schrader,  
Yerrington, Nev.

My dear Schrader:

I am in receipt of your favor of the 3rd inst., enclosing copy of letter to Dean Miller. I sent copies 1914 and 1913 Gear to him as you asked. I received the circulars which you enclosed in your letter.

Referring to your suggestion that I send to Mr. J. A. Barr a list of delegates, would say that I have no list at present. I have written to every chapter, asking to be notified of the name and address of their delegate. I have a reply from Zeta and Theta. There is barely 60 days left and most of the schools have disbanded. I made three requests and two others replied that they would let me know as soon as a delegate was chosen. I will address another letter at once and try to get the necessary information. Most of them asked me the date of the convention and I have stated that the time and place have not yet been changed. I have heard nothing recently in regard to this. I think we should settle at once the date and place.

I went to Urbana and met a group of men who are interested in a petition. They are having a picture made and expect to send a petition soon. I will send you a separate report on these men attached to the original petition. With one exception I would approve of every man. This exception is a man who will graduate this June, and would not interfere with the success of the petition.

I have not received a new copy of the Gear, and believe with you that this edition is entirely too late. It loses a great part of its effectiveness in not reaching the men before they leave home.

Yours fraternally,

*H. H. Hopkins*



Rockland via Yerington, Nevada.

June 28, 1915.

Mr. H. H. Hopkins Jr.,

Chicago, Ill.

Dear Hopkins:-

I have your letter of the 23rd inst. and note what you say. Also had a letter from Ben in which he said that no money was coming in but that several chapters had promised to pay in something before the 15th of this month so that we should now know how we stand. Would like to know if you do not agree with me that it would not be wise to hold the Berkeley Convention if we do not have enough money on hand to meet the obligations. I have had some experience with San Francisco before and friends who have been to the Fair tell me that the attendance is so much less than anticipated that hotels and everyone else are "holding" up the visitors in the hope of breaking even in the matter.

In regard to Illinois. Wish you would write me about the man you object to. Do you not think that it would be wise to ignore this man? We can of course discuss it with Geo. Geib but I would think it a mistake to turn down a school because of one man. It may come to that for the petitioners may not want to drop him out.

I note what you say about delegates. Phil Johnson is to represent Alpha. Chas. Kunkle the S.W.A.A. with B.O. Pickard as alternate. Other delegates are not known to me either. Probably the Gear will contain much information along such lines.

Fraternally yours,





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TELEPHONE CENTRAL 1038

April 13, 1917.

E. J. Schrader,  
 Rockland Mine,  
 Yerington, Nevada.

My Dear Eric,

I am in receipt of your favor of March 24th and sent out the letters as you requested. I have had only two replies which I enclose. I do not think it will make much difference to any of the Chapters in regard to the days of the Convention. If you recall, last time we set the date of the Convention so that the man from Frisco could leave home Christmas night and land in Cleveland with us for the opening of the Convention. If you recall, he passed through here the day following Christmas and the Boston man who had a short distance to go was a day or more late. I am not in the favor of suiting the conveniences of anybody except the officers. Let the rest of them get there some how. All conventions do. As far as I am concerned, I am willing to open the Convention as early as you can get to Lawrence after spending Christmas with your folks.

Did you plan to have a session on New Year's Day? if not, I think it will be an added expense to carry the Convention over Sunday or over the holiday. You might plan on starting the Convention on the 27th and add the three days of the week through to Saturday on and break up on Sunday. If you know any ~~order~~ under the constitution calling the Convention on the 31st. and being there to open it at that date and then getting the delegates there on January 2nd, it might be advisable to use that plan. I do not think it would bother the delegates as much to spend New Year's Day on the train as it would to spend Christmas. If you recall correctly, most of our trouble is not with the men who spend their Christmas at home but the ones who visit the girl on that day.

~~I am~~ thinking the matter over and I think I believe that I agree with your plan to call the Convention on the 31st. and postpone it until the second. I am in favor of making the rules very strict. I think that any man who is late is entitled to sacrifice part of his expenses. I do not insist upon that as there are times when such a rule would prove a hardship. It does seem to me a waste of time of others and of money to get eight out of ten men at a convention and have everything held and delayed by the other two.



ESTABLISHED 1884



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TELEPHONE CENTRAL 1038

2-2-- E.J. Schrader.

It seems to me that with a convention once in two years the Chapters could pick the man who would make the sacrifice of time and attend to business. A delegate comes only once and missing one Christmas in his life time won't hurt him.

I will make up an estimate of the probable expense of handling the Convention if you will give me an idea of what expense there will be at Lawrence both in regard to housing the delegates and entertainments. I would suggest at this time that it might be well to prepare for this Convention in a more elaborate way than we have ever done before and pay the bill out of the treasury. In the past five years I have felt that the Chapters could afford to pay more assessments and make the Convention a little more pretentious as far as our entertainment of delegates is concerned. I would like to see a complimentary theater party and some other form of social entertainment. It is well enough to provide for a scheme of delegates paying like was done at Cleveland but if we do so I would like to see the charge doubled and the entertainment increased.

Every delegate should have a souvenir of some kind given by the fraternity itself instead of leaving it entirely to the Chapter. The Chapter will have plenty expenses outside of that. I am not in the favor of a souvenir each time myself and would suggest that the souvenirs be for the delegates only.

I will write you again soon.

Yours in haste,

*Hop*



ESTABLISHED 1884



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TELEPHONE CENTRAL 1038

RECEIVED  
MAY 12 1917

May 8, 1917.

E. J. Schrader,  
Rockland Mine,  
Yerington, Nev.

Dear Schrader:

I am in receipt of your several letters and enclosures. I have forwarded the two resolutions to Walling and asked him to send them on.

In regard to your letter of April 24th enclosing cards, I sent the form which we drew up to Walling last year and asked him to have Laurence print up these cards at once. I have never heard from him in regard to them but I agree with you that it is important that we should have them now. I would suggest that Laurence send these cards direct to the Chapters and let them return them, when filled in, to Budde. I think it is a very good idea to have the cards printed similar to the ones which you enclosed. I will hold this card ~~here~~ and have it printed just as soon as you let me know when you are ready to go ahead.

I enclose a card giving you my new address. We have been torn up for several weeks and hope to get into running order very soon.

Yours in haste,

*Hop*

GFK:HHH

*Am feeling better - Expect to be in  
good shape after warm weather  
sets in. I hope you are O.K. after  
your operation*



IN THE NAME AND UNDER THE AUTHORITY OF THE  
EXECUTIVE COUNCIL OF THETA TAU.

To all Brothers to whom these presents may come, Greeting.

WHEREAS,

The Grand Treasurer reports that the chapters as a whole are delinquent in their national dues and remittances to him are small and infrequent,

WHEREAS,

The state of war between the United States of America with Germany has seriously reduced the active membership, and the chapters are only just again beginning to re-establish fraternal relations for the existing college year,

WHEREAS,

This small membership has seriously affected the financial condition of the chapters,

WHEREAS,

Strict economy in fraternity expenditures is imperative and is a patriotic duty and this alone is a good and sufficient reason for not holding the 4th Bi-ennial auspices of ZETA chapter at Lawrence, Kansas, December 28th to 31st, 1917, -----

NOW, THEREFORE, BE IT KNOWN TO YOU: That by the power in me vested as Grand Regent of THETA TAU, as provided for in its LAWS, I hereby, with the concurrence of others in authority, postpone the holding of our National Convention aforesaid, until such time as may seem most propitious, and under such conditions as will bring the greatest good to the Fraternity.

IN TESTIMONY WHEREOF, witness my hand as Grand Regent of THETA TAU, with the Great Seal of said Fraternity, and the attestation of the other Grand Officers thereof.

Done at Rockland, Nevada, this 3rd day of December of the year of our Lord, 1917, and of the founding of THETA TAU, the 14th.

Attest-

Erich J. Schaefer XXX!  
Herman Hopkins VVV!

Walter W. W. W. YYY!  
W. D. Walling ZZ!  
H. H. Rice WWW!

Copy sent to chapters  
and A.A. Dec 1917



EXECUTIVE COUNCIL  
OF  
THETA TAU

Yerington, Nevada.

February 7, 1918.

Members of the EX-C,

Greeting:-

Herewith I present for your approval a resolution making a certain form of ring an official insignia of the fraternity.

This ring is illustrated in the Gear of the past two years. It is not desired that the ring replace the regular badge. On the contrary, while the badge is an obligatory insignia, the ring is to be optional entirely.

It will provide a method of recognition for our men "over there" but I think many other alumni will take advantage of it.

You may not agree to some parts of the resolution but the main thing is to establish the form of ring, how it shall be worn and what shall be on it. I believe that one of the larger fingers of the hand should be used but some of you may prefer the little finger. Please advise me. I prefer the little finger personally (and so may some of the alumni that have wives or sweethearts that could wear this, I realize that a rule against that is hard to enforce.

Since Bro. Vickery entered the army his signature may be hard to get but when three have agreed I can be notified and then this can be presented to the chapters. Hopkins better write Vickery first and see if he agrees and I also suggest that Vickery appoint some brother to sign documents for him as long as it is impossible to get word from him.

We do not need to buy this ring from Hoover & Smith but have taken this up with them. I suggest though that Bro. Laurence or Walling take this matter up with some of the other fraternity jewelry makers or even a firm in Minneapolis. I suggested to H & S that they get out a card illustrating their ring and let me send this out when I mail membership cards. In that way the cost to us would be nothing extra.

Hopkins can send this to Rice and at the same time write me if he agrees and then write Vickery. I am afraid the resolution may be lost if sent to Vickery direct.

I think we have almost  
500 in "service" or  
soon to be

Fraternally,  
*Enick*



IN THE NAME AND UNDER THE AUTHORITY OF THE  
EXECUTIVE COUNCIL OF THETA TAU :

TO ALL MEN TO WHOM THESE PRESENTS MAY COME, GREETING.

WHEREAS,

Many of our members have offered themselves to our country's service in its war with Germany and other nations,

WHEREAS,

The regulations of the Army and Navy of the United States of America forbid the wearing of badges or pins,

WHEREAS,

These regulations may often prevent our members from recognizing each other except by methods that may prove inexpedient at the time and place,

NOW, THEREFORE, BE IT KNOWN TO YOU: That by the power in me vested as Grand Regent of THETA TAU, as provided for in its Laws, I hereby, with the concurrence of others in authority, do declare that this fraternity adopt a silver ring as one of its two official insignia to be worn on the third finger of the right hand and to show embossed thereon, the coat of arms of THETA TAU and to have on its inner surface the initials of the owner, his chapter letter and his initiation number in Greek letters.

PROVIDED MOREOVER: That this resolution in no way affects the obligation of all brothers to wear the official badge as provided for in its ritual and where the wearing of such badge is not against public policy or the Laws of our Country.

PROVIDED, That none but members of this fraternity shall wear this badge and that it shall be an offense against its Laws for members to disobey this resolution.

That the purchase or wearing of this ring shall be optional with all brothers.

That all orders for such rings shall go through the Grand Treasurer who shall keep accurate record thereof,

That this resolution be ratified by the chapters and alumni associations of Theta Tau as provided for in its General Constitution and that thereupon this shall become a part of Art. XI, Chapter E, of the Constitution of said Fraternity.

IN TESTIMONY WHEREOF, witness my hand as Grand Regent of THETA TAU, with the Great Seal of said Fraternity, and the attestation of the other Grand Officers thereof.

Done at Rockland, Nevada, this 7th day of February of the year of our Lord, 1918, and of the founding of THETA TAU, the 14th.

*Ernest J. Schnader* XXX  
*Herbert H. Hopkins* VVV

YYY

*Ben B. Walker* ZZZ





Return to  
VVV!  
Miss G. G. G.

Tonopah, Nevada.  
March 31, 1920.

Beta Chapter,  
233 College Ave.,  
Houghton, Michigan.

Gentlemen:-

I have your undated letter.

The question of the foundation of a fraternity and its immediate extension are not necessarily the same. You will understand what I mean when I say that Sigma Chi is a general fraternity but its chapter at Michigan was for many years limited to Law students. Theta Chi was founded at Norwich as a Military Fraternity but long ago ceased to be such. Delta Phi, Delta Psi, Chi Phi, are general fraternities yet their chapters at Yale are strictly confined to the technical school.

Theta Tau was founded as a General Engineering Fraternity. Your chapter should have a copy of the old Constitution at the house. I do not have one here of course but I am sure that the eligibility clause read:- "Membership shall be limited to General Engineering students."

The establishment of Beta and Gamma at mining schools was therefore purely an accident. Bob Downing was a friend of I. B. Hanks and they mutually worked for the establishment of Beta. Murray Lewis left Minnesota to complete his course at Golden and got together the small crowd which afterwards became Gamma. If either one of these men, or any other Alpha man, had gone to some school where mining was not taught at all, such as Michigan or Missouri, or Rensselaer Polytec, we would have been equally desirous of entering those and there was no Constitutional hindrance to doing so. We entered Golden and M.C.M. because they were engineering schools and because we had the opportunity as explained; not because we made a special effort to confine the fraternity to mining. Their establishment was therefore accidental and you might say incidental to a desire to expand to any good engineering school of any type.

At the Convention of 1911 your chapter put forward a great effort to restrict all future extension to



#2-Beta.

3/31/20

mining alone. Gamma and Alpha opposed that, not only from a general conception of what a real engineering fraternity could be, but because it would have killed the parent chapter and would have lost to the fraternity <sup>the</sup> a large number of men who had been chiefly instrumental in its up-building.

The compromise was the Article IV as it stands today. The trouble that this article has caused is from the RESTRICTIONS it contained over the previous clauses of eligibility. Every time we had a petition from a first class college where mining was not taught and could not pass it, and usually lost it to Sigma Tau our chief rival, this irritation increased. We even lost an opportunity to enter Illinois two years before we did and the chief petitioner of the local there is now one of the national officers of Sigma Tau.

The trouble with the first clause or section in Article IV has been that the old classifications of engineering courses no longer hold at most colleges, as to NAME. For instance Civil engineering always used to include Municipal Engineering; designing of buildings etc., Mechanical Engineering included everything in connection with machinery. Designing of buildings is at most A-1 institutions now a separate course called Architectural Engineering, Automotive Engineering now is the Course covering gas engine practice. As soon as a college split up the old courses in accordance with modern ideas, our chapters at such colleges found themselves suddenly deprived of a large number of fine material eligible under a former course classification. I imagine your delegate got an ear full of this so will not continue.

That part of your letter regarding submission of letter needs no reply. I had already volunteered to do so. I naturally took it for granted your chapter would be glad to have the history presented as to its true facts.

Faternally yours,

*E. J. Schneider*

cc-

VVV!



Please advise which of these is to be submitted.  
The minutes are so full of amendments and re-  
amendments that neither Louderback or I are  
sure which one is to be submitted.

RECEIVED  
JUN 27 1920

Sec.1.--Art.IV--Chapt.I.

"Active membership in this Fraternity shall  
be limited to students of either Civil,  
Mechanical, Chemical, Electrical, Mining,  
Architectural, Metallurgical Engineering or  
Geology and Honorary membership shall be  
limited to men actively following one of the  
above named professions or teaching a  
technical subject in a recognized engineering  
college where there is a chapter of THETA TAU."

OR

"Active membership in this Fraternity shall  
be limited to students registered in Engineering  
Colleges, Institutes of Technology or Schools  
or Colleges of Mining and (rest same as above)

*This is the one that Moon says is  
correct.*

*W.D.A. Ross*



Return  
to VVV!

Ready  
to go!

Tonopah, Nevada.  
September 20, 1920.

Epsilon Chapter,  
University of California.

Dear Brothers;-

The last Convention of the Fraternity adopted the following amendments, subject to a 3/5 vote of all members initiated before Jan. 1, 1920, which vote is to be conducted by the Grand Scribe or Grand Regent. To wit;-

Sect. 2-Art. IV-Chapt. I. To be deleted.

Sect. 1 " " " " To read as follows;-

"Active membership in this Fraternity shall be limited to students registered in Engineering Colleges, Institutes of Technology or Schools or Colleges of Mining and honorary membership etc. (same as at present)"

It is going to be an impossibility for me to conduct the referendum. From what I know, it is going to be equally impossible for Dr. Louderback to do so. We have 1400 members at present.

After the above amendment was adopted a great deal of opposition arose at once to its wording. On my trip east I saw active and alumni members from Alpha, Beta, Delta and Zeta chapters.

It is my opinion that the policy of the Fraternity must not be left to the choice of the individual chapters. It must be a uniform national policy. In this I know the Grand Regent and I are in accord. The amendment proposed at the Convention does not even provide that the eligible student must be an engineering student. An institute of technology might have other than engineering courses, if not now, then in the future.



#2-Epsilon.

9/20/20

At the time the present Constitution was drawn up engineering courses were limited to those given in Sect.1-Art.IV of the Constitution. Since that time the electives of former courses have most generally been made into new specialized courses at many institutions but not at all of them. At Minnesota there is an elective in Mechanical engineering which at Utah is a special course called Automotive. The student at Minnesota is eligible to Alpha chapter but the one at Utah is not eligible to Lambda if Sect.1 is strictly interpreted. Such a quibble is ridiculous and should be done away with.

In order to bring this matter to a head I have drawn up an amendment to Art.IV as per enclosed. You are asked to vote on it. I hope that I will hear from you at an early date regarding this.

The vote does not in any way affect the local policy at California but I call your attention to the necessity of getting this cleared up for strictly speaking Epsilon is stretching the policy of Sect.1. at present by admitting Geology students. In 1915 the chapters voted to admit Geology students at M.I.T. which I presume would apply to you but special action was never taken on California. Some of our chapters are having a hard time due to our present restricted policy as outlined in Sect.1.

Some of the best technical schools in the country do not teach mining. In the past we have lost four good chapters and we ought to eliminate present Sect.2.

Kindly send me names of your officers for this year. I heard you lost your coat of arms. Phil Laurence can supply you with a new one.

Faternally,

*E. J. Schneider*

2 encls.

VVV!



EXECUTIVE COUNCIL  
OF  
THETA TAU

#2-Chapters.

10/6/20

When the present Constitution was written engineering courses were almost universally limited to those given in Sect.1-Art.IV of the Constitution. Where this was not the case, it was intended that a liberal interpretation should be made. Today we find almost all engineering colleges giving as special courses what were formerly electives in one of the main courses we stipulate in Sect.1. At Minnesota there used to be an elective which at Utah is called Automotive. It may still exist but the point I wish to make is that Alpha such a student would be eligible and at Lambda he would be excluded. Such a quibble is not worthy of a Fraternity policy.

In the past six years we have had opportunity to enter colleges where mining is not taught and greatly strengthen our national organization. We lost two possible chapters to our rival Sigma Tau because of our national policy. We have similar petitions before us today although only one has been formally presented.

In order to bring this matter to a head I present enclosed amendment as a substitute to the one proposed and passed by the last Convention. I earnestly request your early consideration. The vote must be unanimous. No chapter will be forced to take students from all the courses listed. Sect.4-Art.IV will in no way be affected.

As I have a number of other matters to bring before the chapters this fall, I ask that you send me a list of your officers with the addresses of same, by return mail.

With best regards, I am,

Yours in H & T,

*E. J. Schnadler*  
VVV!

2 encls.

EXECUTIVE COUNCIL  
OF  
THETA TAU

Tenopah, Nevada.  
October 6, 1920.

To-  
Eta Chapter,  
Cambridge, Mass.

Fraternal Greeting:-

The last Convention of the Fraternity adopted the following amendments, subject to a 3/5 vote of all initiates ante-dating January 1, 1920, which vote was to be taken by the Grand Scribe or the Grand Regent.

Sect. 2-Art. IV-Chapt. I. To be deleted.

Sect. 1- " " " " To read as follows:-

"Active membership in this Fraternity shall be limited to students registered in Engineering Colleges, Institutes of Technology or Schools and Colleges of Mining and Honorary membership etc. (same as at present)."

Owing to business pressure it is going to be impossible for me to conduct the referendum. It will be equally impossible for Dr. Louderback. At all events the date fixed will have to be advanced considerably.

While the above amendment was passed by a unanimous vote of the delegates, a great deal of opposition has since made itself known. It is my opinion that the policy of the Fraternity must not be so wide open that its interpretation is left entirely to the choice of the individual chapters. The amendment proposed above does not even provide that the eligible student must be an engineering student. An Institute of Technology might have other than engineering courses, if not now, then at some future time.

From my wide acquaintance among alumni of Theta Tau I am of the belief that the above amendment can not pass. The chapters pressing for relief from present restrictions will then have more opposition than ever.





RECEIVED  
OCT 25 1920

October 18, 1920.

In Re: Constitutional Amendments.

Bro. E. J. Schrader;  
Grand Scribe, Theta Tau Fraternity;  
Tonopah, Nev.

My dear Schrader,

At a meeting of Delta Chapter on Oct. 18, 1920 the chapter voted its approval of the proposed changes to the Art. IV. Chapt. I of the Constitution as given below.

Sect. 1, 3, and 4 to remain unchanged.

To substitute the following for present section 2. **ART. IV. CHAP. I.**

Chapters of this Fraternity may be established at any first class University, College of Engineering, Institute of Technology, College of Mining or School of Mining where such are of collegiate grade. Where the curriculum of such eligible institutions sub-divide the courses of engineering as listed in Sect. 1. of this Article, the following interpretations shall be made.

Civil Engineering.— This shall be interpreted to also include special courses entitled Railway Engineering, Municipal Engineering, Sanitary Engineering, Architectural Engineering and Ceramic Engineering.

Mechanical Engineering.— This shall be interpreted to also include special courses entitled Automotive Engineering, Textile Engineering and Commercial Mechanical Engineering.

Mining Engineering.— This shall be interpreted to also include special courses entitled Mining Geology, Geology and Oil Geology.

Metallurgical Engineering.— This shall be interpreted to also include special courses entitled Chemical Engineering and Metallurgical Chemistry.

Electrical Engineering.— This shall be interpreted to also include special courses entitled Hydro-Electrical Engineering, and Commercial Electrical Engineering.

Yours in H. & T.

Attest.

*W. J. Stevens*  
Cor. Sect.

*T. W. Helwick* X!



1/EJS-RG

*Recd.  
Oct. 26-20*

LAMBDA CHAPTER



THETA TAU FRATERNITY

1342 East 3 South,  
Salt Lake City, Utah.  
October 23, 1920.

Mr. E. J. Schrader, ~~VVV~~,  
Tonopah, Nevada.

Dear Brother,

I have your letter of the 7th. inst.

Lambda chapter was belated over the fact that she could for the first time discuss and vote on matters of importance that concern the fraternity at large. The chapter was indeed interested over the newly proposed amendments to our constitution--we feel and have a firm realization that we are a vital cog in the great gear wheel that apurs us on to greater achievements and makes our fraternity the greatest in all the world.

I submitted the amendments unanimously adopted by the last Convention to the chapter for discussion on October 28. It was the general opinion that such amendments were wrong. Nowhere does it state in the amendmentsto Sect. I-Art. IV-Chap. I that membership to this shall be limited to students who <sup>are</sup> recognized engineering students. The interpretation was that any student so long as he was pursuing scientific courses could be elected to membership in our fraternity. We want engineers - men who are following or intending to follow one of the engineering professions. We feel that these amendments are not in con-formity with the high standards, ideals, and purposes of the Theta Tau Fraternity.

Your proposed amendment to Section 11. was discussed and put to vote on October 28-1920. The chapter voted unanimously for the amendment. It was the general opinion that Sect. 2- Art IV- Chap. 1, as it now reads retards ~~the~~ <sup>the</sup> developement of the ~~fraternity~~ <sup>fraternity</sup> at some of our large Engineering institutions. Since Theta Tau is not a mining fraternity, because it takes in students other than miners, then it should be made possible to establish chapters at any university, college of engineering, institute of technology, etc., of collegiate grade where engineering is taught.

We feel that your proposed amendment to Section 2. will be for the betterment of the fraternity, broaden it out and at the same time in no way lower the bars, ideals and standing of the fraternity in general. We look forward to the unanimous adoption of your amendment as it now reads.



Please mail me another copy of this proposed amendment.

All mail to Lambda Chapter should be addressed to Theta Tau Fraternity, University of Utah.

Hoping to hear from you soon , I am

Fraternally yours,

Ralph Gray X!  
Lambda Chapter.

RECEIVED  
NOV 12 1920

SALT LAKE CITY, UTAH,  
NOVEMBER 6th, 1920.

Mr. Erich J. Schrader,  
Grand Scribe of Theta Tau,  
Tonopah, Nevada.

Dear Schrader;

At our meeting on November the 4th, 1920 the following resolution was proposed by Bro. Ed. Snyder and seconded by Bro. Perry Erickson, and carried unanimously,-

RESOLVED: That the INTERMOUNTAIN ALUMNI ASSOCIATION OF THETA TAU FRATERNITY is unanimously opposed to the amendment to the national constitution as passed by the 1919 Convention at Cleveland, Ohio, and be it further,

RESOLVED: That we are in favor of the proposed amendment of Bro. Erich J. Schrader with the division of CERAMIC ENGINEERING under CIVIL ENGINEERING, and TEXTILE ENGINEERING under MECHANICAL ENGINEERING Omitted, and be it further,

RESOLVED: That the INTERMOUNTAIN A.A. will aid the Grand Scribe to bring the proposed amendment to a vote.

Will you send us your plans as to how this amendment can be brought before the Fraternity? Is the other one dead if it is not voted upon before Jan. 1st, 1921? You may have reason for arguments for Ceramic and Textile engineering being included in the interpretations of the five main branches of engineering if so we will be glad to hear them.

Yours in H. & T.

INTERMOUNTAIN ALUMNI ASS'N,

*R. W. Davis* Sec'y.



RECEIVED  
NOV 12 1920

SALT LAKE CITY, UTAH,  
NOVEMBER 6th, 1920.

Mr. Erich J. Schrader,  
Grand Scribe of Theta Tau,  
Tonopah, Nevada.

Dear Schrader;

At our meeting on November the 4th, 1920 the following resolution was proposed by Bro. Ed. Snyder and seconded by Bro. Perry Erickson, and carried unanimously,-

RESOLVED: That the INTERMOUNTAIN ALUMNI ASSOCIATION OF THETA TAU FRATERNITY ~~is~~ unanimously opposed to the amendment to the national constitution as passed by the 1919 Convention at Cleveland, Ohio, and be it further,

RESOLVED: That we are in favor of the proposed amendment of Bro. Erich J. Schrader with the division of CERAMIC ENGINEERING under CIVIL ENGINEERING, and TEXTILE ENGINEERING under MECHANICAL ENGINEERING Omitted, and be it further,

RESOLVED: That the INTERMOUNTAIN A.A. will aid the Grand Scribe ~~to~~ bring the proposed amendment to a vote.

Will you send us your plans as to how this amendment can be brought before the Fraternity? Is the other one dead if it is not voted upon before Jan. 1st, 1921? You may have reason for arguments for Ceramic and Textile engineering being included in the interpretations of the five main branches of engineering if so we will be glad to hear them.

Yours in H. & T.

INTERMOUNTAIN ALUMNI ASS'N,

*R. W. Davis* Sec'y.

Tonopah, Nevada.  
November 8, 1920.

Mr. F. M. Poole, X!  
Kappa chapter,

Dear Brother:-

Herewith I submit another copy of my substitute for the amendments passed at the last Convention to Sects. 1 & 2-Art. IV. Chapt. I. As I wrote you, both Dean Louderback and I are so busy it is impossible for us to conduct the referendum as instructed by the last Convention.

Moreover, the amendment to Sect. 1 proposed is very objectionable in that it makes no mention that the eligible student must be an engineering student. An institute of technology might have other than engineering courses, if not now, then in the future.

If your chapter is in favor of the principle involved then it should pass both proposals. If you do so, write me a special letter on the subject confined to this one subject.

At present we have 7 prospective petitions. Only one is from a school where mining is taught. In one case the local which wrote us is older than Theta Tau, has 200 members and owns its own house.

To repeat, the amendment proposed for Sect. 1 by the Convention reads as follows:  
"Active membership in this fraternity shall be limited to students registered in Engineering Colleges, Institutes of Technology, Schools and Colleges of Mining, and honorary (rest same as at present)."

Amendment to Sect. 2 is same as mine.

In H & T,

3 encls .

VVV!





NOV 12 1920  
RECEIVED

November 8, 1920

Mr. E. J. Schrader,  
Tonopah, Nevada.

Dear Brother:

I am very much pleased to report that Iota Chapter has voted unanimously in favor of the adoption of your proposed amendment to Article IV, Chapter I as a substitute for Section 2.

Our chapter was very much pleased with the Gear and I am writing Brother Buddle congratulating him on the book.

Thanking you for the information which you sent me in your recent letter, I remain,

Yours in H. & T.

Joseph M. Wilson,  
Regent Iota Chapter.

Tonopah, Nevada.  
November 15, 1920.

Beta chapter, 1000 Illinois Street, S.E.  
Houghton, Michigan.

Dear Brothers:-

The last Convention of the Fraternity  
unanimously adopted the following amendments,  
subject to the 3/5 favorable vote of all men  
initiated before January 1st, 1920; said vote  
to be conducted by the Grand Scribe or the  
Grand Regent. To wit:-

Sect. 2-Art. IV-Chapt. I:-- To be deleted.

Sect. 1-Art. IV-Chapt. I:- To read as follows:-

"Active membership in this Fraternity shall be  
limited to students registered in Engineering  
Colleges, Institutes of Technology or Schools  
and Colleges of Mining and honorary membership  
Etc. (same as in present Constitution)"

An explanatory letter was to go with  
this and was drawn up by me last spring and  
of this you were sent a copy at that time.

I had hoped to be able to work on this  
last summer but was traveling most of the time  
and Dr. Louderbach was also away from home.

Owing to press of business it will be  
impossible for me to conduct the vote within  
the time limit set, Dec. 31st, 1920, and since  
Dr. Louderbach is now Dean of the College of  
Science at the largest University in the country,  
he is absolutely unable to attend to the matter.

On my trip east in July I saw many members  
of the Fraternity both active and alumni.



#3-Beta

11/15/30

I expressed my regret that the amendment to Sect.1 was drawn up as it is. It is my belief that the policy of the fraternity should be more specific and should not be left to the decision of the individual chapters.

After talking the matter over with Hopkins I drew up the enclosed which I have now submitted to all of the chapters and to some of the alumni associations. I say some, because the S.G.A.A. is apparently dormant.

The suggestion was made by Hopkins that exceptions could be made in case of specific courses at certain chapters and that certain courses could be made eligible for limited periods for building up a weak chapter.

Regarding the first suggestion, permit me to point out that since 1913 certain chapters have tried to get such relief in vain and that the whole controversy at the last Convention was caused by this denial in the past.

Regarding the second suggestion, the chapters will object to certain ones getting privileges all can not have. It is unlikely that a chapter will accept a restriction in the future on any course from which it is to be allowed to take members in order to strengthen itself. If a certain course is popular enough that students in it help a chapter's standing, then it will always be a necessity to take men from it.

I think we all realize that the present condition of affairs must end. There is too much hard feeling now. The discouraging of a chapter which sees good men taken by a rival should be the one thing we should avoid. I call your attention to Zeta chapter which got only 5 men last year and wish to say that the Regent of that chapter wrote me last spring that if conditions did not improve there, that we might as well withdraw the charter.

#3-Beta

11/15/20

No claim is made that our policy is the only cause of the bad situation at Kansas but one of their actives told me that they have repeatedly lost good men in eligible courses whose intimates were taking Architectural or Chemical Engineering. In 1915 and 1916 this chapter tried to get permission under Sect.3 Art.IV to take in Architectural Engineers but failed because of the negative vote cast by Beta chapter. However, both Delta and Eta chapters stated that they objected to exceptions being made in favor of one chapter although they did not vote against Zeta's motion.

It is needless for me to state that we today have courses which were formerly included in one of the main branches as outlined in our present Sect.1. There is no question but what Architectural Engineering is nothing but the former structural option under Civil amplified in accordance with the present day advancement in science of engineering. Automotive Engineering was an option under Mechanical when I attended college. Even in my own profession we today have courses in Mining Geology, Oil Geology, etc. Some of our chapters have been initiating men in such courses and without any opposition from the chapters not confined to mining yet I call your attention to the fact that these two courses are ineligible if Sect.1-Art.IV is to be interpreted strictly in accordance with the language it is written, as has been done regarding relief wanted by other chapters than mining alone. Moreover, that was not the intention and in 1913 permission was granted Eta to take in students of Geology and Sanitary Engineering. Since that time no exceptions have been granted.



#4-Beta

11/15/20

Amending the eligibility clauses of our Constitution will in no way affect those chapters which wish to limit their membership to certain courses. No chapter is obliged to take in students from all of the courses mentioned.

Regarding Sect. 2 as written at present, Hopkins stated that practically everyone agreed that it should be stricken out. I regret that such action was not taken on it at once as we have a number of petitions at present from strong locals at schools where mining is not taught (although Geology usually is) on which we could vote if present Sect. 2 were deleted.

Since 1914 we have lost the following to Sigma Tau our chief rival and exceeding us at present in chapter roll and numbers. University of Colorado (1914, a very strong local and now considered to be the best chapter of Sigma Tau); Penn State College (1915, a strong local, mining is taught but I never heard again from them after outlining our policy); University of Illinois, (1914, a good local, the organizer is now a national officer of Sigma Tau. We entered there in 1916.) University of Michigan. (1914); Georgia School of Technology. (1917); Brooklyn Tech (1920) recommended by Eta chapter. All of these dropped correspondence and at none of them is mining taught. The situation today is as explained in copy of a letter to our Grand Regent which I enclose. You will note that mining is taught at only two colleges mentioned and that one of these is closed to us unless we grant two charters at schools where mining is not taught, all three being chapters of same organization.

I would be glad to answer any questions you may ask and to keep you informed as to vote.

Fraternally yours,

cc-H. R. H.

VVV!

ETA CHAPTER  
THETA TAU FRATERNITY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

NOV 18 1920  
RECEIVED

Nov. 18, 1920

4 Ames St. Cambridge, Mass.

Dear Brother Charles, -

Your proposed amendment was passed  
unanimously by Eta Chapter at a regular meeting on  
Wednesday, November 3, 1920.

Fraternally yours

Trevor Davidson



RECEIVED  
NOV 27 1920

Golden, Colo.

Nov. 2b, 1920

Dear Brother Schrader:-

Your letter reminding the chapter of its delinquency in sending in its vote on the proposed change in our constitution was delivered to me this morning.

The delay in answering was due largely to our failure to organize as soon as school started. Most of our members are living in Denver and it was very difficult to get them together the first time. However, we have had several meetings and have adopted a definite policy for the year. It seems to be the will of the chapter that the change you advise would be preferable to the one made at the convention.

Our officers for the year are:-

Regent - D. L. Bailey

Vice-Regent - I. M. Charles

Scribe - J. E. Edgeworth

Treas. - Hale Strock.

All of these men may be addressed simply Golden, Colo.

Fraternally yours,

*Donald L. Bailey*

S.A.E. House.

F. M. POOLE, *Regent*.  
R. L. MCCLELLAND, *Vice-Regent*.  
F. W. MEZEK, *Scribe*.  
C. S. WRIGHT, *Treasurer*.

Kappa Chapter  
of  
Theta Tau  
University of Illinois  
Champaign, Illinois

RECEIVED  
DEC 27 1920

OFFICE OF  
THE REGENT  
202 E. Daniel Street

December  
Twenty-two  
1 9 2 0 .

Mr. E. J. Schrader,  
Tonopah,  
Nevada.

Dear Brother:

Kappa Chapter of Theta Tau in a meeting held last week expressed itself as being in favor of Amendment #1 as outlined in your letter of November 8th.

Let me call to your attention a new course now being given here at the University of Illinois. The course is under the College of Commerce but consists half and half of engineering and commercial and administrative subjects. The most desirable men are enrolled in this course; very many of the best engineers have transferred from the College of Engineering to the Industrial Administration course in the College of Commerce; among these are several Theta Taus. We believe that it would be a good policy to make such men eligible for Theta Tau.

Kappa extends to you her best wishes for a Merry Christmas and a Happy New Year.

Yours in H & T.

*F. M. Poole* K



Theta Tau  
Alpha Chapter  
Minneapolis, Minnesota

RECEIVED  
DEC 27 1920

1306 Seventh Street S.E.  
Minneapolis, Minnesota.  
December 22, 1920.

Dear Brother Schrader:-

It is the opinion of Alpha Chapter that Section 2 of Article IV-Chapter I must be amended if the fraternity is to grow as it should. A favorable vote was obtained on the following interpretation which has been made of the courses of engineering as listed in Section 1 of Article IV-Chapter I:-

Civil Engineering. This shall be interpreted to also include special courses entitled Railway Engineering, Municipal Engineering, Sanitary Engineering, Architectural Engineering and Ceramic Engineering.

Mechanical Engineering. This shall be interpreted to also include special courses entitled Textile Engineering, Automotive Engineering, and Commercial Mechanical Engineering.

Mining Engineering. This shall be interpreted to also include special courses entitled Geology, Oil Geology and Mining Geology.

Metallurgical Engineering. This shall be interpreted also to include special courses entitled Chemical Engineering and Metallurgical Chemistry.

Electrical Engineering. This shall be interpreted to also include special courses entitled Hydro-electrical engineering and Commercial Electrical Engineering.

The Chapter also feels that it should not require a unanimous vote of the active chapters to permit the establishment of a chapter which meets all the requirements indicated in the proposed amendment to Section 2 of Article IV-Chapter I. A majority vote should be sufficient.

We have been informed that the vote of a delegate at a convention did not necessarily mean the vote of his Chapter. If this is true it is certainly not in accordance with the view taken of this matter by Alpha Chapter.

Trusting that I have given you all the necessary information so that there may be no more delay in clearing up this matter, I remain,

Fraternally yours,

*Eugene Zanger*  
Corresponding Secretary.

P.S. Did you get the letters from Students of the University of Alabama which I forwarded to you. They wrote me a letter asking me if I had received it. I have sent them your address.

Epsilon Chapter,  
Mining Building,  
University of Calif.

FEB 1 1921

RECEIVED

Brother E. J. Schrader,  
Grand Scribe Theta Tau,  
Tonopah, Nevada.

Dear Brother:-

Epsilon chapter at its last regular meeting unanimously rejected the amendment to the Constitution as proposed by the last convention.

Regarding your amendment to Article IV.

This amendment was voted on favorably except for the following changes in the interpretation.

To wit:- Civil Engineering. Strike out Municipal Engineering, Sanitary Engineering and Architectural Engineering.

Mechanical Engineering. Strike out Textile Engineering, Commercial Mechanical Engineering.

Mining Engineering. Strike out Palaeontology. Add Petroleum Engineering.

Metallurgical Engineering. Strike out Chemical Engineering and Metallurgical Chemistry.

Electrical Engineering. Strike out Commercial Engineering.

We have found our coat of arms just recently, it had been put away so securely by a brother leaving college that we were unable to find it.



The following is a list of the Officers for  
this semester.

Regent	George L. Klingaman
Vice Regent	Ralph Salsbury
Scribe	Harvey Hardison
Treasurer	J.H. Ashley

Fraternally,

*George L. Klingaman*  
x!

Tonopah, Nevada.  
February 15, 1921.

Mr. Geo. A. Klingaman, X!  
Epsilon chapter.

Dear Brother;-

I have your undated letter in which you give me the result of the vote on my amendment to Sect. 2-Art. IV-Chapt. I, of our Constitution.

I note that you have rejected most of the interpretations but have added Petroleum Engineering. I do not believe that it will be possible to get the general engineering chapters to accept this additional course in view of the fact that you have rejected everything that they themselves request to strengthen their chapters.

Virtually, with the exception that you consent to our extension to colleges where mining is not taught, you have rejected the amendment, and if this is the final result obtained by this national vote, then we must look for a strict<sup>er</sup> interpretation of the exact wording of present Sect. 1-Art. IV, which will mean that in future your chapter will not be allowed to take in students of geology, mining geology, petroleum geology, or anyone except students of straight mining or metallurgical engineering courses.

Your chapter has done just exactly what has caused all this acrimonious trouble with Beta chapter during the last seven years. You are willing to interpret most liberally any<sup>thing</sup> relating to mining engineering in any shape or manner, but you immediately reject any such interpretations when applied to other courses of engineering. The trouble is chiefly in attempting to get chapters themselves to act, as it makes discussion impossible as is the case at national Conventions. The result is that there is too much legislation from a purely local standpoint.



#2-Epsilon

2/15/21

The history of this Art. IV since 1911 may be of interest to you. We had the hardest possible time to get one chapter, Gamma, to accept it as they wanted the policy to be simply "general engineering" with <sup>no</sup> specific courses being named. The present article is a compromise, but it was never intended that it should be strictly interpreted. In fact, you will find a statement to that effect among the pages on Policy in the back of Ritual. I was assured at Beta chapter that if we had a petition from a strong school where mining is not taught, such as Cornell or U of Michigan, Beta would not object, but a unanimous vote would be required to make such an exception to Art. IV.

As soon as the Art. IV was accepted they insisted on an absolutely strict interpretation. Petitions from strong colleges where mining is not taught were rejected. Permission to take in students of courses formerly "options" in eligible courses, but now separate, were rejected; except where mining was concerned and there they were willing to go the limit in liberal exceptions. The situations finally became impossible and Zeta, one of our strongest chapters has been nearly ruined, as they have strong competition from two organizations not restricted as we have been. Last spring their Regent wrote me they intended to return their charter but I <sup>a</sup>persuaded them not to.

The last Convention tried to correct the matter but the non-mining chapters permitted the passage of an amendment which was so radical that it has now been rejected by practically all of the chapters. Realizing this I drew up a substitute last fall after my trip east and after consulting with men from many chapters, including Bro. Hopkins of Beta chapter.

Dr. Louderback writes me that your action is not final but that you rejected some of the courses as you were not certain that they were engineering. I do not know to which he referred but if most of them are not engineering, then a Homeopath is not a Physician.



#3-Epsilon.

2/15/21

In specifying these various courses I have consulted not only the interested chapters, but something in the neighborhood of 25 catalogs from engineering colleges, of which I have 8 or 10 here in my office. The reason why this amendment was made to Sect.2 instead of to Sect.1. is that Hopkins suggested this method so as to leave Sect.1 just as it is, and by amending Sect.2 in this manner, extension to colleges where mining engineering is not on the curriculum, would be permitted.

In reference to the courses you have rejected I will try to give you some more data.

Municipal Engineering. and Highway Engineering.

At practically every college this is an "option" under Civil. At all such colleges students would be eligible to Theta Tau under Sect.1-Art.IV. The catalog of the University of Alabama, of which Dr. Louderback should have a copy, is not clear on this subject. At the University of Arkansas, from which we may shortly get a petition, they give a degree of B.S. in Civil and one of B.S. in Civil in Highway Engineering, a separate course. I believe at Kappa and Eta chapters they have distinct courses leading to a B.S. in Highway Engineering. Now, if your rejection should stand, students at all colleges where Highway Engineering is camouflaged as an option under Civil would be eligible to Theta Tau, but students at other colleges taking identical work and leading to same professional career, but matriculating in "Highway Engineering" would be ineligible. Is not that an absurd distinction?

The same argument goes with Municipal. This is almost always an option under Civil and at some schools straight Civil engineering is deemed to suffice. It is given at some in combination with Sanitary but that course I will separate. It deals with surveying and other engineering practice in cities and <sup>highway eng.</sup> in road construction of all kinds which is of increasing importance as motor transportation becomes more important. The highway engineer was in demand in France and will be so more in future.



Sanitary Engineering.

At Illinois and particularly at Mass. Inst. of Technology this is a VERY important course leading to a degree of B.S. in Sanitary Engineering. At Minnesota (make note of this) and many other colleges it is an option under Civil.

Bro. Hinchley of Alpha chapter graduated in Sanitary Engineering from M.I.T. before our Eta chapter was established. Living in Minnesota, he then went to the University there, acted as instructor and specialized in Sanitary work in the CIVIL Engineering department. He was initiated at Alpha chapter. He was ~~ineligible~~ at Alpha but under your ruling not eligible at Eta. He has followed Sanitary Engineering as a profession. In France he was a Captain in Sanitary work and kept over there 1 1/2 years after the armistice was signed.

Now this is not all in regard to that course. In 1913 our Eta chapter objected to the fact that Alpha could and did initiate men taking Sanitary Engineering courses while they could not. They therefore petitioned the Ex-C and by resolution #19 of the Ex-C proposed by me and seconded by Dr. Louderback, then Vice Regent, they were given permission to initiate students in Sanitary Engineering and in Geology, neither of these courses being mentioned in Sect. 1-Art. IV. This action was afterwards approved of by unanimous vote of the delegates at the 3rd Bi-ennial Convention. Dr. Louderback has a copy of this resolution in the minute book of past Grand Scribe.

Your rejection of Sanitary Engineering is not, of course, retroactive. You can not thereby deprive Eta of the privilege of initiating Sanitary engineers, but you do deprive Kappa chapter of that privilege. Is that equitable? Should we discriminate in favor of one chapter and against the rest?



#5-Epsilon.

2/15/21

#### Textile Engineering.

I know nothing about this course. None of the chapters are likely to object to its rejection. The Intermountain A.A. recommended its rejection. It is an important course in the south and I gave you all the data I could find out about it. There is a national professional engineering fraternity limited to students of Textile Engineering.

#### Commercial Mechanical Engineering.

This seems to be a strong course at Wash. State College from which we ~~will~~ expect a petition sooner or later. The catalog indicates that it is practically identical with Mechanical Engineering. To quote from it:-

"In Commercial-Mechanical Engineering opportunity is provided for a combination of the more essential parts of the mechanical engineering course, with the fundamental courses in economics, accounting and business administration. This course is intended for those who intend to enter the business side of Construction or Manufacturing work, or to become salesmen for mechanical engineering concerns."

I call your particular attention to the last clause as that is actually the career followed by many of our present graduates in mechanical or electrical engineering who are with Ingersoll-Rand, General Electric, Westinghouse, etc. None of the present chapters are affected. Nine other chapters have accepted this course.

#### Petroleum Engineering.

I am heartily in favor of it. Whether it can be added or not will depend on conditions already discussed.

#### Chemical Engineering.

This course (and that of Architectural Engineering,) is the one most of the chapters are most insistent about.



#6-Epsilon.

2/15/21

I enclose a statement sent to me from Delta chapter in support of their own claim for Chemical Engineering. My own investigations have resulted in the explanation which I sent you and which should be enough. I can find nothing that convinces me that Chemical Engineering is the same as the Chemistry course offered when I went to college, except of course that it rests on the science of Chemistry as a foundation. So does Mining Geology rest on Geology. Chemical Engineering is designing, constructing, and operating plants using chemical processes. A man running a cyanide plant could be a Chemical Engineer, but much of their work is in operating plants for treating non-metallic minerals such as sulphur, borax, potash, gypsum, etc. We have some Chemical engineers out here. A plant at Alum treats native sulphur ores by flotations and leaches the sulphurless pulp for its ~~Therapeutic~~ <sup>Kalinite</sup> content.

#### Metallurgical Chemistry

I know nothing about it. I understand it has chiefly to do with lixiviation processes such as copper lixiviation. I do not think any of the chapters will object if this is rejected.

I want to say another thing about Chemical Engineering. My understanding is that there is such a course given at Houghton. A member of Beta told me they would not have any objection to men at Houghton being initiated if taking the course <sup>as given there</sup> there. There is also a Chemical Engineering course of some kind at Golden. I am sure you will agree with me that we can not permit initiation of Chemical Engineers if registered at a Mining School and then deny such privilege to all other chapters. Our Theta chapter at the Columbia School of Mines writes me they would be much benefitted if they could take students of Chemical Engineering.

#### Commercial Electrical Engineering.

This is another Wash. State College course. I refer you to my remarks regarding Mechanical (Commercial) Engineering as they apply equally to this course.



#7-Epsilon.

2/15/21

Architectural Engineering.

This is the course for which Zeta appealed in 1916 and which appeal was favored by all chapters except Beta. In 1919 Kappa and Eta joined them. We have today a ~~XXXXX~~ number of men practicing this profession most of whom graduated in Civil "structural option." The increased importance of concrete structures, of steel, etc. has resulted in a demand for specialists in their use and seems to be the cause of the popularity of this course. In 1916 I made a report to the Executive Council on this matter in connection with the Zeta appeal. Last winter I sent this report to Dr. Louderback who still has it and I refer you to that.

If I find any other data in connection with it I will enclose it with this letter.

My amendment was written with the idea of establishing a uniform national policy. It does not affect your chapter's local policy or the local policy of any other chapter. No chapter will be compelled to take students from all of the courses listed, but neither should one chapter have privileges denied to others.

For ten years this matter~~X~~ has, more or less, been discussed and for that length of time I have looked into various courses of engineering. The amendment drawn is the result of that study and is not a snap judgment. My personal inclinations are strong along mining lines but I have come to realize that it is impossible to ~~have~~ have a strong national fraternity, existing in harmony, unless we treat all chapters alike.

I beg to advise you that the following Epsilon men can not be located.

James M. Douglas, '15; a letter I sent to his Fort Worth address was returned unclaimed "address unknown".  
Samuel E. Adair, '16; all mail returned.  
Franklin M. Smith, '14; " " "

In H & T,

cc-xxx!



New York, Jan. 28, 1921.

FEB 2 1921  
RECEIVED

Dear Brother Schrader;

At the last chapter meeting, Theta voted in favor of the amendment to Sect. 2, Art. 4, Chap. I. of the constitution. The vote was unanimous.

Here at Columbia about fifty percent. of the student body in engineering is composed of men studying chemistry or chemical engineering. If we were permitted to choose candidates for Theta Tau from that branch of engineering, Theta would be greatly benefitted. As I understand it, there is no competing chemical engineering fraternity so that the field would be open for us.

Another thing brought up at the last meeting was the matter of honorary members. At present we have no member of the faculty in the chapter. With a chapter roll of sixty-two names,

we are, I think, entitled to two  
such members. To fill these vacant  
positions, Professor J. H. Harrington of  
the department of civil engineering, and  
Professor A. L. Walker of the department  
of metallurgy have been proposed.

Just as soon as the examinations  
are finished, or by about the third  
of February, I shall send notices to  
all the alumni of Theta and to  
the other chapters of the fraternity  
notifying them of the proposals.

On or about April third the chapter  
proposes to elect these men to  
membership in the fraternity, with  
the approval of course, of the alumni.

At about the same time  
we shall elect approximately twenty  
new men to membership. The  
rushy committee will get busy  
soon after the exams, and will  
work in conjunction with the  
smoker committee to have a good  
crowd present at a smoker to  
be held late next month or  
early in February. We are also going



to try to get hold of every member  
of Theta Tau in or around New York  
for this affair. I have been unable,  
due to pressure of work at school, to  
meet any of the men whose names  
you sent me, but will get in  
touch with them before the  
smoker.

Our last initiation, at which  
we brought in five new men, was a  
decided success. After the ceremonies  
the whole crowd adjourned to a  
nearby restaurant and had a real  
fine time. The next initiation  
promises to be a world-beater.

Am reminded by the minutes  
of the last meeting to ask you for  
the exact wording of the amendment.  
so that we may put it in our files.  
If you can send it to me, I  
shall be thankful to you.

Yours in H. & T.  
Louis G. Kreutzer.

1838 Gleason Ave, NYC.

Theta Tau

Tonopah, Nevada.  
February 19, 1921.

Mr. L. G. Kreutzer,  
Theta chapter.

Dear Brother Kreutzer;-

I have your letter of the 28th ult.

The amendment to Sect. 2-Art. IV-Chapt. I. on which you vote favorably is not yet a part of our Laws. Nine chapters have passed it as written. Epsilon chapter passed it as regard extension to colleges where mining is not taught but rejected a few courses tentatively until they could be looked into. Beta chapter has not yet replied.

You state that a large percentage of the engineering student-body is studying chemistry or chemical engineering and that it would benefit Theta. Only the latter course would be eligible if the amendment is passed. Do I understand by that that Theta intends to abandon its "mining policy" of the past? That is of course a matter for your chapter to decide.

While we do not now consider chemical engineers, I imagine that if we do so in future, we will consider professional chemical fraternities to be competitive if they take in chemical engineers also.

It has been our past policy to admit to honorary membership one man for every 25 active initiates or fraction of 25. It is a matter for the chapter to decide. Members elected as "honorary" should be selected for their possible interest in and service to the fraternity. Avoid selecting faculty members just because they are prominent engineers, avoid selecting men to whom Theta Tau will just mean another college honor inherent in their position as teachers. Take men who will be interested in the fraternity, will attend your meetings, and consider that they have something to give, not only to receive. If you do that, you will appreciate them. Otherwise they are dead timber.



#2-Theta

2/19/21

Among the most active workers in the fraternity, are many of our honorary members. The strength of some of our best chapters is the result of their work.

I am sorry to say that several of them are like the statue of a prominent citizen in a public park. It is there, we know what it is, we know whom it represents, and that is all the good it does us.

I sent you the exact wording of the amendment to Sect.2-Art.IV. Did you lose it? Sent last October, I think.

I had a letter from W.M.Lewis-Gamma ex Alpha, in which he said he had written you but had not had a reply.

I am glad to note your chapter is prospering.

When sending your letter to the alumni be sure to mention that we must have better support from them for the Gear. Last year the Gear caused us a large financial loss. Of course, part of that was due to the fact that it cost money to relocate alumni after the war. However, the members of the old Theta chapter were poor supporters of the Gear even in the past. We are hoping at some future date to make a much more comprehensive publication out of the Gear but unless it has ~~been~~ alumni support, we must dispense with its publication. With the present high cost of printing the active membership support is not enough to pay expenses.

Take this up with all alumni at your smoker. Better get their subscriptions while they are there and send them in yourself.

With best wishes, I am,

In H & T,

VVV!

*Copy of amend. Sect 2 encl.*

Tonopah, Nevada.  
February 19, 1921.

Mr. Geo. L. Klingaman,  
Epsilon chapter.

Dear Klingaman:-

In looking over some Theta Tau papers today I noticed that in your letter of the other day you did not mention Highway engineering as having been rejected.

Please disregard that part of my answer of the 15th referring to that special course. I had some other letters on my desk and must have become confused.

In my letter I tried to emphasize the fact that most of these special courses are not taken by the interested chapters as adding new courses to the eligibility policy as expressed in Sect. 1-Art. IV.

These chapters contend with considerable justice that we should not have a policy which excludes at one college students that we admit at another, through technical squabbles and literal interpretations. I agree with that. If we admit a student in mining at Minnesota taking a "mining geology" option in his Senior or his Junior or Senior year, we ought to admit him everywhere even if there is at other colleges a special courses in "Mining Geology" leading to a degree in such a course.

Fraternally yours,

VVV:



Theta Tau

Tonopah, Nevada.  
March 1, 1921.

Mr. H. H. Hopkins,  
Chicago, Ill.

Dear Hopkins:-

I have a little time today so am going to answer your letter of January 25th.

Will see if I can not get a line again on the South Dakota School of Mines.

Regarding Gear. I see no reason why Budds should have so resented a simple request to balance his statement. The whole question of the Gear will have to come up at the next Convention. The 1920 Gear cost the national treasury around \$750.00 after all of the chapters send in their subscriptions which is not yet the case. Something like 360 alumni subscribed out of around 1000. That is the cause of the trouble. The circular was authorized by the Ex-C to see if we could get better alumni help.

Your appeal has been voted on and it has been decided that the delegates represent the voice of their chapters except where a delegate has written instructions when those govern his actions. To avoid all possibility of question the Ex-C has passed a resolution that all delegates must be elected by a 3/5 vote of all the active members and a method has been suggested as to how to hold such elections and prevent any dead-lock.

Within a week you should have a printed copy of Ex-C resolutions #19 to #48 as well as all proceedings of the 3rd and 4th Bi-ennial Conventions. They are all in the hands of the printer and the corrected proof was returned by me to him.



#2-H.H.H.

3/1/21

I fully agree with you that the whole Constitution should be clarified and I hope to have it done at the Convention to be held this winter.

I personally am looking it over with that in view and I will be glad to receive suggestions from you as to what you think should be changed.

My experience in attempting to get the "actual chapters" to act on important motions has been that it is impossible to get a unanimous vote. Between January 1 and March of last year I sent six circular letters to the chapters. Some of them remain unanswered to this day. This fall I sent out the most important amendment we have considered for some years, it took some of the chapters until Feb. to answer and in several cases took three or four follow-up letters and finally wines, to get a reply. Beta chapter has not acknowledged receipt.

Unless we adopt some method whereby failure to answer is an affirmative vote, I see no hope of doing business by correspondence.

Regarding your criticism that action has been so long delayed, you do not know the circumstances. Your letter to Louderback was written Jan. 7, 1920. On March 3rd, 1920, I received it together with a circular from him to all of the Ex-C which we all answered. Nothing further was heard from him. On April 28th on the way to Utah we talked this over and it was understood a formal motion would be drawn up along lines of your appeal. Not hearing a word from him I drew up a number of resolutions in the middle of July and sent them to Louderback for action with the request that he then send them to Vickery where I intended to pick them up. When I reached Cleveland Vickery had not received them. I had my carbons so we discussed those. I intended to show them to you on my return through Chicago but you were gone. Repeated ~~xxxxxx~~ requests brought no results so in October or November I drew up another formal set and sent them out for signature. On Dec. 5th I finally heard from Louderback and then he objected to some of the motions we other four had passed so that required another letter.



3/1/21.

A few days ago I had an answer.

Louderback thought your scheme of alumni advisors impossible of using satisfactorily. I agree with him where correspondence is necessary. Since it takes not less than 60 days to get replies from some members of the Ex-C right now, I consider it impossible to get action if the number of correspondents is increased.

The duties of the officers have been specified in some new resolutions. I think I have some extra copies and if so, will send them to you. They are now being printed.

I know the Beta men claimed that someone at Alpha told them in 1906 that they were entering a mining fraternity. I know I never did so but I was not Regent. I have never been able to get absolute knowledge as to who could have told either Downing or Andrews such a thing at the same time I know they were told by someone.

That the present Article IV is a compromise I know fully but Beta men keep saying it was adopted to please Alpha. As a matter of fact it was Gamma. Their delegates were for mining until they found out what a strong chapter Alpha had and then they went to the other extreme.

On March 29, 1911, Gamma wrote me as follows:-

"Our members say that if Theta Tau is to be a general engineering fraternity limited to schools where mining or metallurgy is taught, there is no reason to limit the term "general engineering" to two or three courses or four branches of the profession. They say that Architectural Engineering is as closely related to Civil, as perhaps Civil is to Mining. If this is to be an Engineering fraternity, we want any engineers."

On March 16, 1911, they wrote as follows:-

"Referring to list of branches of Engineering mentioned, why should not Chemical Engineering be included."

On March 22, 1912:- "Now the point comes up that our chapter kicked on last year, that members be limited to mining, mechanical, civil, electrical and metallurgical."



These are quotations from a letter to Beta dated April 20, 1912, when they first refused to make any exceptions for some charter members of Eta chapter.

The Ritual distinctly states that Art. IV should be liberally interpreted but as soon as it actually went into effect Beta insisted on a literal reading of Art. IV. The claim I want to make is that most of the interpretations are not new courses at all but simply ones that originally were "options" under the ones mentioned in Sect. 1. In fact, some of the courses are still given as "options" at some institutions. I am today corresponding with two colleges where there are prospective petitioning bodies. At one there is a "Highway Engineering" option under Civil, at the other there is a course leading to a B.S. "In Highway Engineering." Under such a literal interpretation as Beta has insisted on a chapter at the first college could take such students but not at the second college. At Minnesota "Sanitary Engineering" was an option under Civil, at Kappa chapter it is a distinct course. Alpha initiates such students, Kappa is forbidden to. Where is the equity in that? You yourself told me you would not object to having students taking the Chemical Engineering course at Houghton initiated by us. How about such students at M.I.T. or Case? Sect. 1-Art. IV makes no mention of students in Mining Geology, Petroleum Geology, or Geology. The general engineering chapters have never objected to their initiation, but the minute they themselves want anything it is denied at once.

The question of entering strong schools where mining is not taught was brought up by me at Beta in 1911. I wanted to list some of them. I was assured that Beta would not turn down such if we ever had actual petitions but subsequent chapters of Beta have done so right along. I would be glad to discuss this matter with Beta along any lines but although I have written them a couple of letters I have no reply. Moreover it is the only chapter from which I have not heard.

Ten chapters have passed my amendment as far as entering colleges where mining is not taught but the courses Textile Engineering, Metallurgical Chemistry and Paleontology have so far been rejected. A few others are still being discussed.



#5-H.H.H.

3/1/21

It will interest you to know that generally the vote was unanimous and that this was true at Iota and Theta, both mining.

I agree with you that we ought to be able to settle this along some lines but not knowing anything about what Beta wants to do, I am unable to move.

It appears to me that the matter should be fully discussed with the actives and some point of agreement or approximate agreement arrived at before they submit it to their alumni.

For instance, the general engineering chapters might agree that for every chapter established at a college where mining is not taught, one must be established at one where mining is taught.

Regarding Chemical Engineering and Architectural Engineering, I would be in favor of making certain that these are not just "chemistry" or just "architecture".

By Chemical Engineering is meant the design, construction and operation of plants using chemical processes. Therefore, the working of nearly all non-metallic minerals;—sulphur, potash, gypsum, phosphates, potash-alum, sodium sulphate, etc. which are so rapidly increasing in number all through the west, is more likely to be done by Chemical Engineers than anyone else. In fact, my information comes from people interested in such deposits near Tonopah.

Will you please advise me when you can visit Zeta as planned last fall? Could you also visit Kappa?

I am always glad to hear from you. While we may not always agree on fraternity matters, we have both spent many years in trying to make Theta Tau what it should be, a strong engineering fraternity existing in harmony.

In H & T,

RECEIVED  
MAR 10 1921

1726 Euclid Ave.,  
Berkeley, Cal.  
March 6, 1921.

Mr. E. J. Schrader  
Tonapah,  
Nev.

Dear Brother Schrader:

I have received three letters from you, two of them in regard to the Amendment to the Theta Tau Constitution and the third in regard to the position available to an alumnus.

If I hear of any alumnus that would be interested I will have him get in touch with Mr. Townsend as you suggested.

At our first meeting we spent about two hours in discussing and voting on your amendment to the Constitution. At that time there was considerable discussion and a variety of opinions regarding the matter but I am afraid we did not know enough about the subject. At our meeting last Thursday I read your letter to the chapter and they thought it best to appoint a committee to go over the material you presented and make recommendations at our next meeting to be held March 17. The committee is R.J. Russell '20, E.A. Hersam, professor of Metallurgy, and A.R. Whitman '13. I believe these men will view the situation in a broad way.

There is considerable opposition to Chemical Engineering for the chemists have two fraternities here at California at the present time which are strictly for men in chemistry and chemical engineering. Chemical Engineers are not eligible to Tau Beta Pi here at California but I am not certain whether that is a national or local policy. There is also opposition to Commercial Mechanical and Electrical Engineering. I am unable to give all the arguments at the present time but will try and let you know the reasons turning these things down if such be the case at our next meeting.

At our meeting to be held March 17 we will also hold our Spring elections, and on March 31 we are planning to hold the initiation. If by any chance you are in this part of the country at either of these times we would like to be honored by your presence.

We have not been able to get an address for Smith, but the addresses of Douglas and Adair were sent to the editor of the Gear. If you want these addresses for your files I will send them to you.

Fraternally,

*George H. Lingham* x!



Tonopah, Nevada.  
March 11, 1931.

Mr. Geo. L. Klingeman,  
Epsilon chapter,

Dear Brother;-

Your letter of the 6th inst. at hand. Since writing you I have found a little more data that may be of service and which your committee may want and you can also read to chapter.

In looking over the last A.I.M.E. bulletin I noticed the enclosed so that there may be a profession of Metallurgical Chemists.

The question of Chemical Engineers has always been a puzzling one. I notice that Gamma at the Colo. School of Mines has brought this up in the past and will quote from their letter later. The policy of excluding them from Tau Beta Pi must be local from what I can determine for I noticed in the last Minnesota Alumni Weekly that several Chemical Engineers were recently elected there. The Bent of Tau Beta Pi ought to give this information.

The chapters interested in Chemical Engineers being admitted seem to be Case, Mass. Inst. of Technology, Columbia School of Mines, (as per their letter to me on this amendment) University of Kansas, and University of Illinois. From what Hopkins and a local Golden man told me the course is getting more important at both of those mining schools. I forgot to mention Utah. They are very anxious about it.

I notice that the A.I.M.E. now has a non-metallic mineral section. My informants may be entirely wrong but they state that the buildings of plants and treatment of such things as gypsum, borax, barite, phosphates, potash, sodium sulphate, etc., is more and more being done by Chemical Engineers. I personally know of one plant where Kalinite is treated where such is the case. to be



#2-Epsilon.

3/11/31

I enclose outlines of the course in Chem.Eng. at Wash State College and U of Iowa as I expect we will have petitions from both places shortly, in fact, the U of Iowa is anxious to petition at once.

I call your attention to the foot-note explaining course at Iowa and the courses other straight chemistry that are given.

Note what you say regard Chem.Eng. at Berkeley but your own chapter will of course not be affected in any way. I would certainly favor classifying Alpha Chi Sigma as competitive if students from this course are admitted.

#### Commercial Mech. & Electrical Eng.

I note your remarks and enclose outline of courses. I have marked with red pencil the courses that are identical with Mechanical or Electrical Eng. respectively. As you can readily see, if a student taking the "Commercial" made certain selections thru his "electives" he could take practically the same course as the straight engineering one offered except that he would have the additional business education.

From my experience with engineering graduates as well as my own, a greater business knowledge would be a blessing.

#### Architectural Engineering.

As stated before, this is the course which so many chapters are anxious about. Zeta chapter in particular. My investigations at Kansas as well as those of Prof. Rice of Zeta chapter, showed that this course very closely approached the "structural option" under Civil particularly as there were some "electives" that could be taken. You can readily see that if a man who wished to specialize in concrete or steel structures, could do so, he would prefer a degree as Architectural Engineer over one of "Civil Engineer, Structural Option."



#3-Epsilon.

3/11/21

The Architectural Engineering course hurts us a lot in meeting competitors. Our Zeta, Kappa and Eta chapters meet a rival in Sigma Tau that gives them very serious competition as they take in Arch. Engs. It is particularly true of Zeta.

The result was that last year only initiated 5 men. One of their actives told me they were having a hard fight as they also have competition from a local mining society.

I have considered this matter from the standpoint that these various interpretations as listed are not new courses at all but old "optional" courses now masquerading under "special" names.

I quote from the catalog of N.E. College and this was the situation at Minnesota when I was a student there.

"Civil Engineering covers such a broad field that no one can become expert in its whole extent. It includes topographical engineering, municipal engineering, railroad engineering, structural engineering, hydraulic and sanitary engineering."

For the reasons stated many large institutions have now divided these branches into special courses. So the Alabama catalog says:-

"this is the only Alabama state institution authorized to give degree courses in Hydraulic and Sanitary Engineering." "Municipal Engineering" for this specialty the student should select the municipal engineering course" etc.

I continually have come across absurdities in a literal interpretation of Sect. 1-Art. IV. H.A. Kreeze, Alpha, is State Sanitary Engineer in Mississippi. He took Civil with "sanitary option". Had he attended Illinois, Kappa could not have initiated him. They have a separate Sanitary Engineering course.



#4-Epsilon.

3/11/21

Since it was clearly understood that Sect.1 was to be liberally interpreted to take care of the absurdities I have mentioned, we tried to get by by making exceptions under Sect.3-Art.IV. In 1913 we so acted for the benefit of Eta as already explained. Since then one chapter has held up all exceptions. It has therefore become necessary to adopt a clear and equitable interpretation or there will be a serious situation in the fraternity.

Contrary to the opinion of many, the present clause was chiefly objected to by Gamma in 1911. The 1904 Constitution stated that "general engineering students" should be eligible. Gamma stood out for that. On March 29,1911, they wrote me as follows:-

"Our members say that if THETA TAU is to be a general engineering fraternity limited to schools where mining or metallurgy is taught, there is no reason to limit the term "general engineering" to two or three courses or to four branches of the profession. They say that Architectural Engineering is as closely related to Civil, as perhaps Civil to Mining. If this is to be an Engineering fraternity, we want all engineers."

March 16,1911.

" Referring to list of branches of Engineering mentioned why should not Chemical Engineering be included."

When Eta was established in 1912 by a Gamma alumnus.

" Now the point comes up that our chapter kicked on last year, that members be limited to mining,metallurgy,civil electrical,"and mechanical."

The general engineering chapters are right when they say that "exceptions" for one chapter but not for all are impractical and not equitable.

The situation ought to be clear enough to you. I repeat, a literal interpretation of Sect.1. which only Beta has insisted on in spite of statements in Ritual, which is part of the Constitution and it so states in last Art.of Chapt.II, has resulted as follows:-



#6-Epsilon.

3/11/21

A student taking Mining Engineering with "Mining Geology Option" is eligible; if he takes the same work under the special name "Mining Geology" he is not. If he takes Civil Engineering with "Structural, Sanitary, Municipal, Highway or Railroad Option," we welcome him with open arms but should he take any one of those specialties under a course of that name; we can have nothing to do with him.

I maintain that such absurd quibbles have no place in a fraternity.

If any of your members think that such a literal interpretation of Sect.1. would never be made, I can only answer that it has been made and it has been used to prevent any relief where asked for.

It is only equitable treatment that chapters like Zeta and Delta ask for. None of them has ever objected to your taking in students of courses allied with mining engineering although not mentioned in Sect.1-Art.IV.

I would certainly like to visit your chapter this spring just 10 years after I installed it. There are a number of men from other chapters in San Francisco, and I hope you will not forget them.

When you answer me I would appreciate getting the addresses you refer to.

I presume Dr. Louderback informed you that Hoover & Smith raise the price of badges to \$8.50 without war tax. We are taking it up with them but I do not see what we can do. In 1919 the lowest bid we received from other firms was around \$22.00.

With best regards for you all, I am,

In H & T,

encls.

VVV!

EWING, LIND AND VICKERY  
ATTORNEYS AND COUNSELLORS AT LAW  
WILLIAMSON BUILDING  
CLEVELAND

ROSCOE M. EWING  
JAMES L. LIND  
MELVILLE W. VICKERY

March 1921

RECEIVED  
MAR 21 1921

Dear Schander:

On the resolution which you submitted on March 4 -  
I desire to register an affirmative vote - I am strongly in favor  
of the growth of our Fraternity where such growth does not detract  
from the objects of the Fraternity. I have always been in favor of  
giving it a wider scope & not confining it to only those schools  
at which memory is taught.

Trusting this will be O.K. & with the kindest  
personal regards I am.

Yours H.T.  
M.W. Vickery



Tonopah, Nevada.  
March 24, 1921.

Dr. Geo. D. Louderback,  
Berkeley, Calif.

Dear Dr. Louderback;-

Regarding your letter of the 21st inst. in which you request chapter votes on my amendment to Sect. 2-Art. IV-Chapt. I. It was as follows:-

Alpha-	YES	(	no	modifications	or	amendments)		
Beta	-	No	reply	received	to	date.		
Gamma-	YES	(	no	modifications	or	amendments)		
Delta-	YES	(	"	"	"	"	)	
Zeta	-	YES	(	"	"	"	"	)
Eta	-	YES	(	"	"	"	"	)
Theta	YES	(	"	"	"	"	"	)
Iota	YES	(	"	"	"	"	"	)
Kappa/	YES	(	"	"	"	"	"	)
Lambda	YES	(	"	"	"	"	"	)

Unanimous vote

Epsilon passed the amendment as regards extension to institutions where mining is not taught, proposed "Petroleum Engineering" as an addition under MINING, and rejected many of the other interpretations. The S.W.A.A. and Chicago A.A. have not had business meetings for some years so this was not formally submitted to them. The alumni units have no vote but I believe it is good to consult them. The following were consulted as being active.

Cleveland A.A.- YES ( No modifications, unanimous vote.)  
Twin City A.A.- YES ( " " )  
Intermountain A.A.-YES, recommended that TEXTILE and CERAMIC be rejected. Vote unanimous and motion made by Snyder, XX! Beta '11, delegate to 1911 Convention at which Art. IV was adopted. I presume that the vote in other cases was unanimous but it was not so stated specifically. Kappa informally discussed a new course in INDUSTRIAL ADMINISTRATION. I hope this gives you full data on the vote.

Fraternally yours,

Where is J.C. Feely Jr. '15? All mail returned since 1916.

Tonopah, Nevada.  
April 29, 1921.

Mr. Geo. L. Klingaman,  
Berkeley, Calif.

Dear Brother;-

I have your letters of the 25th inst. and thank you for them.

Will you please return to me the various clippings I sent you about the college courses Chemical Engineering, Commercial Mechanical, etc., that were taken from college catalogs as well as the discussion of Chemical Engineering furnished by Delta which compares that course with Metallurgy at Case. I wish to send them to Beta chapter.

Regarding the petitions from North Carolina State College and the University of Alabama which are in your hands, it is most important that Epsilon act on them and notify me because the 1919 Convention provided for a unanimous vote of chapters and should any chapter fail to record its vote, the charters will be held up until it does so. In this case that would mean until next fall.

With best regards, I am,

Fraternally yours,

VVV!



APR 28 1921  
RECEIVED

1726 Euclid Ave.,  
Berkeley, Cal.  
April 25, 1921.

Mr. E. J. Schrader  
Tonapah,  
Nevada.

Dear Brother Schrader:

After reconsidering  
the proposed amendment to Sect. 2-Art. IV-  
Chap. I and hearing the report of the com-  
mittee on this matter, Epsilon Chapter  
voted unanimously in favor of the amendment  
as proposed by you.

Am very glad that  
this matter has been settled and hope  
Beta chapter will decide in the right way.

Yours in H. & T.

*George H. Langman (X!)*

Tonopah, Nevada.  
May 19, 1921.

Mr. W. M. Fay, Xi  
Beta chapter,  
Houghton, Michigan.

Dear Brother:-

I have your letter of the 3rd inst. in which you write me that Beta would undoubtedly vote against the petition from Alpha Sigma Epsilon at North Carolina State College by reason of the fact that there is no bond between the Michigan College of Mines and W.C.S.C. in a professional sense, in other words, because mining is not taught there.

You can send me your formal vote with reasons therefore whenever you hold a meeting. Confine yourself to the one petition and write a separate letter about the University of Alabama.

The rest of your letter is noted but your view point and mine which is the result of 16 years experience as a mining engineer in this country and in Mexico, are so absolutely at variance that a discussion is futile. I feel no interest in "internationalizing" Theta Tau. I can find no common bond except technical knowledge with foreign engineers of whom I have met numbers. They represent interests which conflict with American, theirs is a continual struggle to stifle our enterprises in a ruthless competition which does not stop at any limit nor neglect any possible diplomatic chicanery.

What possible better example can you want than the Mineral Separation Co. an British octopus which is the ghylock of the mining industry and the business methods of which make the war profiteer seem a philanthropist.

On the contrary, I come into contact with Chemical Engineers right along. The technology of the non-metallic minerals such as borax, sodium sulphate, potash, barite, etc. <sup>is</sup> now almost entirely in their hands.



#2-Beta

5/19/21

The lixiviation of copper ores has been largely worked out by them and they have invaded the field of cyanidation as well as flotation. I enclose a letter which is only one example. The chief flotation expert of Nevada Consolidated Copper Co. is a Chemical not a Metallurgical Engineer.

Inasmuch as Textile had been withdrawn from the A.S.E. petition it does not enter. We never intended to initiate any <sup>textiles</sup> but the men actually on the petition.

In her attitude on "mining only" Beta finds her~~x~~self isolated from the rest of the Fraternity. Iota chapter at Mo. School of Mines initiates both Civil and Mechanical engineers, Theta at Columbia School of Mines and Gamma at Colorado School of Mines both wish to initiate Chemical Engineers as those courses are strong at both institutions. In fact, Theta wrote me nearly 50% of the students in the school were Chemical Engineers. Epsilon takes in Petroleum engineers and while related to mining this profession is not more closely so than Chemical Engineering to Metallurgy.

Since the current college year is now over, the amendment sent to you last November can wait and I am collecting the data sent by the other ten chapters on the subject and will send it to you.

The question of entering colleges where mining is not taught may not be impossible of adjusting. It is not nearly so important as the adjustment of our intra-chapter policies. There are inequalities that must be rejected before we can have harmony in Theta Tau. We have a number of almost exclusively mining chapters so that course will always be the most important one but the fraternity is not now, never has been, and never will be limited to Mining Engineers alone.

If you think a mining fraternity can be a success, just look at Sigma Rho.

In H & T,

cc-EX-C

*C. J. Schneider*  
VVV!



THETA TAU FRATERNITY  
ALPHA CHAPTER  
UNIVERSITY OF MINNESOTA  
MINNEAPOLIS, MINN.

May 12, 1921.

Mr. E.J. Schrader,  
Tonopah, Nevada.

RECEIVED  
MAY 17 1921

Dear Brother Schrader;-

We received your circular letter within the last few days and note that Beta has not replied to date. Alpha would like to see Beta take action in the matter one way or the other.

The designs of the Sister and Recognition pins were sent to Beta chapter today. The choice of this chapter is #6 sister pin. As to the recognition buttons, our choice would be the gear design, but neither of the two designs submitted appeal to us. Alpha would like to suggest a crossed Hammer and Tongs plain, or clasped by a hand as in the top of our coat of arms.

The petition of the Castle Club of the University of Alabama has been received and approved by all the members who are here at present. However, the miners are all out on their field trips. As there is only one junior on the trip, I am writing to him explaining the petition. The petition and accompanying letters are being forwarded by registered mail to the sophomores, who are at Crosby, Minn. As soon as an answer is received from them, the vote of the chapter will be sent in to you.

Yours in H & T,

*J. H. Williams*  
Corresponding Secretary, Alpha.



Return to  
VVV!

JOHN LAWRENCE STRONG  
615 WOLVIN BUILDING  
DULUTH, MINN.

RECEIVED  
JUN 13 1921

June 8, 1921

Dear Erick:-

I have just been looking over the Esoteric Appendix to the Gear and note that you ask for comments. About two years ago I had a Gastro-Enterostomy performed to relieve a Duodenal Ulcer. It occurred to me at first glance that the Esoteric Appendix might be related in some way, but in looking further and examining the inwards of the animal it seems I am entirely off the track - the subject matter being merely a proposed change in the Theta Tau Constitution. When this Appendix thing is fixed up Theta Tau's Constitution will undoubtedly be in splendid shape.

Seriously I cannot see how any of the Chapters can reasonably object to the change. I remember in the early days of the fraternity, that Alpha Chapter felt we should stick to colleges where mining was taught, but my idea was that we believed we had a special field in that line and wanted to stick to it in order to make a success where by expanding injudiciously we might make a failure.

I believe Theta Tau has grown strong enough now that we must gain strength by expanding or stand still - which means falling back.

As one of the early members of Alpha Chapter you can put me down as being for any move which will build up the fraternity, regardless of whether we stick to colleges where Mining Engineering

JOHN LAWRENCE STRONG  
615 WOLVIN BUILDING  
DULUTH, MINN.

(2)

is taught, or not. Engineers must work together. I have always regretted that while in college our bunch of miners stuck together too much, instead of circulating more among men from the other departments. It is getting the other fellows viewpoint that builds up a man, whether he be an engineer or a lawyer. So I believe it will help build up the fellows in the present chapters if they spread out by taking in new chapters in reputable Engineering Colleges, whether there is a College of Mining there or not.

The non mining business, like all others, is feeling the general business slump quite keenly. Some of the independent companies have even mine closed down, with little prospect of starting up before next spring. The Steel Corporation always keeps going, but it will be a slow year for us too.

Do you ever hear from John Kennedy? I tried to find him in New York a year ago where he was reported to be with Ingersoll Rand, but they said he had gone to Japan.

Did you know Deane Ahlberg was on his way to Japan? He is the non-paid chairman of an Engineering Commission going to give advice to the Manchurian Railway on some enormous iron and coal deposits. It will be a fine summer vacation for him.

With best regards to you I am  
Yours in Theta Tau  
Lawrence

alpha #11?





J. W. HERNLUND, PRES. & MGR.  
BARNEY G. JOHNSON, TREAS. E. L. ANDERSON, VICE PRES. & SECY  
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MINNEAPOLIS, MINN.

May 26, 1921.

Erich J. Schrader,  
Tonopah, Nevada.

IN REPLYING  
REFER TO DESK

Dear Mr. Schrader:

Referring to your letter of May 2nd regarding petitions from the Castle Club of the University of Alabama, also regarding the North Carolina State College petition, wish to state that we had a meeting Friday, May 20th, at which there were thirteen Alumnae present. A motion was passed whereby the Twin City Alumnae Association recommended granting charters to both of these petitioning clubs.

In regard to this we would also suggest that further negotiations be taken up with what used to be called the Mecca Club at the University of Iowa and also same negotiations with the University of Wisconsin. Some of the more recently graduated men state that they believed the Minnesota Chapter was taking it up with ~~the~~ Wisconsin at the present time but we have nothing definite on this.

Referring to your letter of October 6th, 1920, and the enclosure, giving your idea regarding the proposed ammendment to Article 4, Chapter 1, wish to state that we are in favor of your ammendment rather than the one passed at the last convention as it seems to us to be more fair.

One or two of the men present suggested that you ought to have the classification covering Aeronautic Engineering and also Hydraulic Engineering, but after some discussion it was decided that this could probably be changed at a later date after your ammendment as written was passed.

Regarding matter of charter for Alpha, we are going to try to arrange with the active chapter so as to have a banquet October 15th, Founders' Day, and will take up the matter officially at that time. In the meantime, it may be possible that three or four of us will guarantee the account and have the work done, expecting that some of the Alumnae will chip in and assist in paying for it.

At this meeting Brother Harry Frank, 2002 Lake of the Isles Boulevard, City, was elected as secretary and treasurer of the Twin City Alumnae Association. He seemed to be a very live sort of a chap and I believe that he will see to it that notices are sent out more promptly and that will result in more frequent and better meetings after a little time.

Yours in H & T.

WDT/EH.

*W.D. Timpany*



Theta Tau.

Tonopah, Nevada.  
June 24, 1921.

Mr. Rowland King,  
209 N Wall street,  
Spokane, Washington.

Dear Rowland:-

I have your letter of the 7th inst. and note contents thereof.

A few days ago I answered much of your letter and now I will try to answer that portion which refers to the secret matter sent out by Stevens with the Gear. The day I received your letter I also had one from another mining graduate who however is strongly in favor of the proposed changes.

You are altogether misinformed when you say that Theta Tau was founded as a mining fraternity. It was so distinctly a general engineering fraternity that the Constitution I wrote in 1904 read that "membership should be limited to general engineering students." It is true that all four charter members were at that time studying mining although three of them are now following other lines of engineering and have in fact done so right along, but that was only an accident. Not knowing how the new move would be accepted by the student body we picked our most intimate friends at first but not all of them were mining. We entered Houghton and Golden due to similar circumstances. Downing was a close friend of Ike Hanks and that resulted in Beta chapter. Lewis and Vinal went to Golden at Christmas time 1904 and through Lewis's efforts Gamma was established in 1907. Had Downing been a non-mining student at an institution where mining is not taught, or had Lewis gone to Iowa where there is no mining course; no doubt Beta and Gamma chapters would be at such institutions as there was no restriction whatever to colleges where mining was taught.

The present Art. IV was accepted in 1911 to please Beta chapter.



While Alpha was willing to accept any compromise which would enable the fraternity to exist in harmony until the future should show what was best, Gamma bitterly opposed the compromise.

It took several months to get them to consent. On March 29, 1911, they wrote me as follows:-

"Our members say that if Theta Tau is to be a general engineering fraternity limited to schools where mining is not taught, there is no reason to limit the term "general engineering" to the four branches of the profession. They say that Architectural Engineering is as closely related to Civil as perhaps Civil to Mining. If this is to be an engineering fraternity, we want any engineers."

On March 16th, 1911, they wrote me:-

" Referring to the list of branches of engineering mentioned (ie. in Sect. I-Art. IV) why should not Chemical Engineers be included."

When Eta was established by two Gamma and two Alpha men in 1912, E.M. Marshall, Gamma, (delegate to 1911 Convention) wrote to me:- "Now the point comes up that our chapter kicked on last year, that members be limited to Mining, Civil, Mechanical, Electrical and Metallurgical engineers."

As stated, Gamma continually held out for the 1904 wording as quoted above.

The question of entering schools where mining is not taught was also a point which it seemed impossible to solve. Marshall of Gamma and I finally proposed that we draw up a list of exceptions after careful investigation such a list to include only schools classed as "A" engineering institutions, ie., U of Michigan, Cornell, Georgia School of Technology, U of Iowa, U of Colorado, Etc. I presume that there would have been ten or a dozen.

When Sneve (Alpha XX!) and I went up to Houghton in 1911 I proposed this matter again. Rigby stated in meeting it would be impolitic to insert such exceptions but that we could rest assured that if a petition came from a first class institution Beta would not oppose it. With



considerable reluctance I accepted this as final and did so only in order that the long winded debate on policy could be shelved for the time being.

I am still of the opinion that such a list should be drawn up and that then only a unanimous consent can add the name of other institutions. The Government has in late years classified all institutions so it would not be hard to get a list up.

We have at present a tentative petition from the University of Iowa. Mining is not taught but there is a good course in Geology. Dr. Louderback has expressed himself as much interested in this petition. No doubt it will be formally presented at the next Convention.

The danger which might be feared that we would extend to second-class institutions if permitted to enter colleges where mining is not taught, I consider negligible. We have a formal petition from the North Carolina State College and from a fraternity of undoubted local strength and considerable merit as such. Beta votes "no" because mining is not taught. The difference between its attitude and that of Epsilon (mining) and Eta (general eng.) is very striking. Those chapters tentatively reject the petition because investigation so far shows that the school is not ranked "A" and is not considered a proper field for Theta Tau for that reason.

In 1914 we had a petition from a strong local as old as the fraternity itself at the U of Colorado. It has become one of the strongest of Sigma Tau chapters as Beta would not even listen to its being considered. Our national policy has since lost us several other chapters and in two cases at schools where mining was taught, Penn State College for example. Both went Sigma Tau. Of the other, I have no further knowledge.

We are the only national engineering fraternity which has successfully entered a number of mining schools. Undoubtedly we will in future enter the others. There are however a few institutions where mining is not taught where we should have chapters to rank as the leading engineering fraternity. With those exceptions I favor keeping our extension policy as it is.



The last Convention after much wrangling finally adopted a very radical amendment which was so radical that there was no chance to pass it. It did not even provide that the eligible student had to be an engineering student. When I went east I discussed this matter with Hopkins as well as members of Delta, Alpha and Zeta chapters. Hopkins suggested that we make a number of interpretations of the courses listed in Sect. 1 and that is where the idea originated.

The ten chapters who have passed the amendment do not consider the courses listed to be altogether new courses. The Intermountain A.A. proposed that Textile and Ceramic be rejected. While Kappa will no doubt wish to be heard on Ceramic, yet there will be no quarrel about Textile as it is only taught in the south and there only at certain institutions.

At the 1911 Convention the point was brought out that the classification of courses then existing at Alpha and incorporated into Sect. 1; did not cover many engineering institution where a B.S. is given and that at such, the five branches we list have been sub-divided into special and distinct courses; and that these were not "options" under one of the five branches as at Minnesota.

To avoid misunderstanding the policy in Ritual states:- "Our membership is limited to students of Civil, etc. Students of allied courses such as Mining Geology, etc. would also be eligible." (page 80, second paragraph)

After the experience with establishment of Eta in 1912, regarding which I quoted above from a letter of E.M. Marshall, Gamma '11, I decided to propose certain interpretations and these were passed by the Executive Council and presented to the 1913 (Houghton) Convention. They were there passed by a unanimous vote and in the presence of (and by consent of) the entire Beta chapter. The first one of these interpretations reads as follows:-



#6-R.K.

6/24/21

Interpretation Chapt.I-Art.IV-Sect.3.

(Sect.3 provides that exceptions to Sects.I & 2 can be made by unanimous vote)

"To add a distinctly different course to those enumerated in Sect.1-Art.IV, an amendment must be passed by unanimous vote, which specifically names such course. But since the classification at many colleges is decidedly different, any chapter has the right to have the Executive Council and a Convention investigate a doubtful course to make students of it eligible.

The classifications of Sect.1-Art.IV, are meant to be broad enough to cover all allied branches of the courses mentioned."

In 1913 Eta chapter was given permission to initiate students of Sanitary Engineering and Geology.

Since that time all further interpretations have been refused by Beta chapter.

We therefore have the following situation. At Minnesota Sanitary apparently remains an option under Civil. The Sanitary Engineer of the State of Mississippi is a member of Alpha. At Eta chapter Sanitary engineers are eligible by special and unanimous permission.

At Delta, Kappa and Zeta (?) chapters, also I think at Lambda, we can not initiate Sanitary students because that course is a "special" course and not an option. We can not do so because Beta refuses the interpretation. Is that equitable? The chapters concerned are right when they say such technical quibbles have no place in a fraternity.

The same situation exists regarding other present day special courses which were formerly "options" or otherwise included in one of the five branches listed in Sect.1.



We had a petition from one college from the catalog of which I quote:-

"Civil engineering covers such a broad field that no one can become expert in its whole extent. It includes topographical engineering, municipal engineering, railroad engineering, structural engineering, hydraulic and sanitary engineering."

That was the entire Civil course when I went to college. Some of the branches mentioned were just touched on and others were emphasized as "options."

The University of Alabama catalog says:-

"This is the only Alabama state institution authorized to give degree courses in Hydraulic and Sanitary engineering." ----- "Municipal engineering, for this specialty the student should select the municipal engineering course, etc."

We have a petition from the U of Arkansas, Mining is taught. They also give a B.S. in Civil and a B.S. in Highway Engineering which they list now as a special course.

The amendment I proposed is meant to clear up for all time to come the situation we now have whereby students in certain courses are eligible at one chapter but not at another. If you will read the quotations mentioned you will see what I mean. At Eta chapter practically all of the branches mentioned under Civil are "special" courses leading to a B.S. or M.S. in the particular work covered.

There can be no fair objection to any of the interpretations from the standpoint I discuss. Textile and Ceramic can be treated separately and I am not well enough informed to go into further details. I am still investigating them. I know that Kappa insisted on Ceramic at last Convention.

Moreover, the chapters have another grievance and that is that while Beta has insisted on an exact literal reading of Sect.1 as regards most courses,



they appear to take no such attitude towards mining engineering. If Sect.1 is to be literally enforced then all of the mining chapters which have initiated students in Geology, Oil Geology, Petroleum Engineering and Mining Geology have violated the Law because not one of these courses is mentioned in Sect.1.

The general chapters insist with justice on their side that if all of the branches or "special" courses related to the mining industry are to be eligible, then the same must be done regards the other courses.

Two courses which I wish particularly to discuss with you are those of Chemical Engineering and Architectural Engineering.

In regard to the latter, you will recollect the petition from Zeta chapter in 1916 in regards this course which had just been established at Kansas and covered the ground formerly in a "structural option" under Civil. My report was accepted by every chapter except Beta as it was clearly shown that the two courses were practically identical. I also showed that Zeta's large membership and prosperity was more apparent than real as most of her strongest men were upper classmen and competition with Sigma Tau was keen because the latter started with a strong nucleus of Architectural and Chemical Engineering students which attracted strong men in other courses.

My observations were apparently correct. While the war conditions no doubt had considerable influence yet the fact that remains is that Zeta has now become one of our weakest chapters. The 1920 Gear shows 5 initiates only and the 1921 Gear shows only 9 men. This in spite of the fact that they have more students there than ever before. One of their actives admitted to me that there were losing men right along to Sigma Tau. In fact, the conditions there were so bad last spring that the Regent wrote me that the old men who had known Zeta before the war and compared it with its present standing were strongly considering asking the Ex-C to withdraw their charter.



They gave up their house and they seem to lack all the "pep" which formerly was so characteristic of the organization. At the same time I am perfectly willing to admit that other causes contributed to the present situation.

I met Vanderlip in San Francisco on his way to Mexico. He had just been in Lawrence and was disgusted with the situation there, naturally his comment on the causes were rather biting.

The Chemical Engineering course is also one that many of our chapters urge as eligible. A Gamma alumnus tells me that it is now a strong course at Golden. Theta at the Columbia School of Mines wrote me they were very anxious to take men from this course.

The course should not be confused with the old time Chemistry course. Chemical Engineering is the design, construction and operation of plants using chemical processes. It is based largely on chemistry just as Petroleum Engineering is based largely on Geology but many other things enter.

In the western desert country the mining of non-metallic minerals has become an important industry. At Searles Lake over \$7,000,000 has been invested in exploiting potash and borax deposits. Kalinite, thenardite, gypsum, Fuller's earth, etc. are all being exploited and my investigation shows that the technology is almost entirely in the hands of the Chemical Engineer. He has also entered the flotation field. The flotation metallurgist at Nevada Consolidated is a Chemical not a metallurgical engineer. The leaching of copper ores is in their field and I myself have had applications from Chemical Engineering graduates for positions in cyanide and oil flotation plants. The last was a Purdue man.

The Director of Research at the University of Michigan, writes as follows:-



"Do you realize that in Chemical Engineering we attempt to be conversant with inorganic technology, including work in the salts and work involving evaporation in all of its various ramifications; with organic technology, including work in sugars, dyes, oils and motor fuels; with metallurgy, including iron and steel, copper, brass and bronze, and with fuels, including gas manufacture and coking practice."

When this amendment reached Epsilon chapter they passed it as regards extension to colleges where mining is not taught but they reserved decision on some of the interpretations. They appointed a committee consisting of Hersom (Prof. of Metallurgy), Whitman '14, (a consulting geologist) and an active man. This committee investigated and among other things wrote to all of the chapters, after several months they reported and as a result the chapter passed the amendment by a unanimous vote although its personnel is limited to mining.

There is nothing in the amendment which forces any chapter to take in students from all of the courses. Epsilon and Theta can continue to limit themselves to mining students. It only makes a national interpretation of allied courses in order to do away with a present insufferable conditions which is seriously disturbing the harmony that should exist and which gets worse with each new chapter.

I have written you at some length and intend to send a copy to Beta chapter. Would be glad to hear from you and if you have any suggestions to make, let us have them. This amendment was sent to Beta last November but to date they have not acknowledged it or offered any comment. Therefore, no decision will likely be taken until the next Convention.

In H & T,



Quotation on "Chemical Engineering" from  
speech of A.E.White, Director of Research,  
University of Michigan, March 25, 1921.  
(From Minnesota Alumni Weekly)

" Do you realize that in Chemical Engineering we attempt to be conversant with inorganic technology, including work in the salts and work involving evaporation in all of its various ramifications; with organic technology, including work in sugars, dyes, oils and motor fuels; with metallurgy, including iron and steel, copper, brass, and bronze, and with fuels, including gas manufacture and coking practice."

This for Epsilon chapter as being a good description of Chemical Engineering.

Theta Tau  
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P.O. Drawer F,  
Tonopah, Nevada.  
August 21, 1921.

Beta Chapter,  
Houghton, Michigan.

Gentlemen;-

In connection with the secret circular sent out by the Editor of the Gear, I received one letter, R.B. King, Beta '16, in opposition and one letter J.L. Strong, Mines '08, in favor of it. I enclose copy of my reply to King as summing up the present situation.

I also enclose various catalog clippings returned by Epsilon and a description of Chemical Eng. sent by Delta chapter and request that your delegate bring these with him to the Convention.

The petition from Alpha Sigma Epsilon at North Carolina State College stands rejected.

The vote on Alabama is so far favorable. Alpha sent me her vote about 60 days ago as it had to be obtained by mail both her junior miners and civils being on field trips.

I have a formal petition from the U of Arkansas which is reported on by Bro. L.N. White, Kappa '21. Two letters sent to S.H. Zimmerman, Beta, remain unanswered.

Investigation at Wisconsin is not completed. I notice that while their catalog shows Chemical and Mining Engineering as courses in the Engineering College, the Chemistry course is in a separate college.

I would like to have your vote on Alabama as soon as possible.

In H & T,

VVV!

Miscel. encls.



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EJS 2

considering it. I think it will be well to reside in Missouri for awhile and let them show us; of course the same applies to Moscow but just at present I feel more favorably toward the latter school.

I do not know J.R.Ritchie, who you say is listed in the Gear as being here, neither does Edgerton know him.

I received my copy of the Gear and the Esoteric appendix; you no doubt would expect me to object to it and I do, not, I hope, because I did so strongly while in school, but because I am yet unable to grasp or see the advantage to be gained by the fraternity or by the members in making some of the changes that are advocated. Believe me I am sorry that my chapter should prove a stumbling block to the progress of the fraternity, if it is proving to be such a thing. I know that it is not because of any bull-headedness on their part for I knew the sentiment of the actives and of a great many of the alumni when I was in school and without exception they were sincere in their belief that the changes were not for the general good; furthermore I think, and in some cases know, that this attitude has not changed. My chief objection, I think, is to the too broad interpretation given to Civil, and Mechanical Engineering. I also still believe that we should not go into schools where Mining is not taught. The original fraternity was founded as a mining fraternity was it not? Haven't we had pretty good success so far? Why should we get out of our field too far and compete with some of the second-rate general engineering fraternities? I really am unable to see what we gain by having a large number of chapters and a large membership; I am very proud of my membership and I know that I will lose some of that pride if we take in students of Ceramic and Textile Engineering and get further and further away from the old bunch of miners, metallurgists, civils, mechanicals and electricals as such and not as branches or special courses in any one of these. At present, when I meet an H & T man I feel sure that he knows something about my business and I know something about his, we have something in common. Believe me Erich I feel this way, I am not writing this as a matter of policy or because I once advocated it, but I still feel it. As a matter of fact I have not heard from my chapter for a year or more and do not know what their present attitude is. I do want the fraternity to stick together, but I could wish that more of the other chapters and individuals felt the way I do about it. Lets not try to grow too fast, there is much more distinction in being a member of such a fraternity as ours has been than in being a member of one of the broader ones.

Let me hear from you soon,

I will try and get in touch with  
Merrie at Pullman.

Fraternally yours,  
Rowland King.

E. J. Schneider  
Solconda, Nev.



Mr. Axel E. Elfstrum,  
2721 - 9th Ave.,  
Oakland,  
California.



Golconda, Nevada.

Oct. 17 - 23

Dear Axel:-

Wish you would inform me where you can be reached in the city? Now that I get down there rather frequently I would like to look you up whenever I can. Have had several letters from Alpha this fall. They seem to be a live crowd and apparently expect a very successful year. They wired me yesterday after their annual Founder's Day banquet on the 15th.

Dr. Londerback wrote me a few days ago that they were going to have an initiation and banquet on Friday 19th. Hope you can attend one or both. As they go thru an elaborate examination with each candidate before formal initiation they start in the afternoon. If you will call up Dr. G. D. Londerback in Berkeley or R. J. Russell at the Faculty Club there they can give you all details. Paul Cornelius who was with me when we called on you last July is with the



Sullivan Machinery Co. in the Hobart  
Bldg in S.F. He may know about  
it too.

I have been pretty busy when every-  
thing is considered, all summer long.  
The weather has changed now and  
it is real cool.

Drop me a line when you feel  
like it. Give my regards to Mr. E.  
Hope you and family are all well.

In H & T.

Erich J. Schnader



*Chuck*

*Speech*  
Toast by Erich J. Schrader, Grand Scribe, at the installation banquet of Omega chapter, March 26, 1932.

Brothers:-

I am going to speak to you about professional fraternities and Theta Tau in particular.

The college fraternity is a fraternity whether it consists of engineering students, of medical students, or of college students from any and all courses of study.

When it consists of students from all departments it is a general or a social-academic fraternity. When it restricts membership to students of one or several closely related courses of study, it is a professional fraternity. If it confers membership because of scholastic excellency as a chief requisite, it is an honor society. In addition to these accepted divisions there are a lot of national and local so-called honorary societies which are an example of that useless over-organization which is a detriment to college life in general.

Theta Tau is a professional fraternity and restricts membership to engineering, but including geology because of its close connection with the mineral industry. In government, in policies, in teachings and principles, the professional fraternity stands second to none. Its membership is usually more mature and its methods of selection depend on real fundamentals of character and ability, so that the group approaches the ideals of true fraternities which can justify their existence by their usefulness to the members.

The professional fraternity offers serious and lasting benefits to its members in that the contacts made possible are generally in line with the serious endeavors of its members and at the same time the fraternity should fully satisfy their social needs. The professional fraternity member is provided with a means of introduction to many in his profession. If the fraternity maintains a high standard, the mere fact of membership is a recommendation. Numerous incidents in Theta Tau can be recited where membership was a decisive factor in bringing advancement to alumni and employment to recent graduates, which they would not otherwise have obtained.

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A Fraternity however, must have more than just a professional aspect to hold its members. There must be something more than a policy of good scholarship as proof of professional interest and as evidence of latent engineering ability. There must be a spiritual factor in which the members have faith. There must be an ideal that is rooted in the hearts of the members which they can apply in their daily intercourse with each other, and whereby they can measure up to those finer things in life that really count, and which will entitle them to be called MEN.

Our Constitution says that the purpose of Theta Tau is to develop and maintain a high standard of professional interest



among its members, and to unite them in a strong bond of fraternal fellowship. All through the initiation you were told that Fraternal Friendship is the greatest light in Theta Tau and that the principles of the Fraternity are advocated to make you worthy of such friendships.

Theta Tau should have chapters of more than average scholarship, it should stimulate a search for professional efficiency in its members, and it should inculcate the principles of ethical conduct in professional practice. It has been said that "professional ethics is a system of principles and rules concerning moral obligations and a regard for the rights of others." Of course a professional fraternity should teach such things.

To be sure, any technical society could advocate such practical and worthy objects, but a fraternity has the task of developing the character and ideals of its members. It searches much deeper into the hearts and minds of men. It seeks to limit membership to those who can be worthy of it.

If a candidate can measure up to the purely professional requirements, our next step should be to search his record and see if he is of that congenial type of man who will act as a brother should. Membership should not be given for trivial reasons. Our chapters should be beyond the youngest adolescent period of life. Campus stars, athletic heroes, those whose chief aim in life is to coach or sell bonds on their scoring ability, have no place in a professional fraternity. We must look to the personal and potential professional qualifications of candidates, and then we must emphasize the fraternal bond again and again, and that the whole basis of our Order is a close union of the members, a union that is to be enduring.

We must treat our Pledges as men, not as servants. We must accept them as being on probation but as equals, and we must so prepare them that to be a Theta Tau will be their dearest wish. Paddling, humiliating horse-play, brutal hazing, have brought the entire fraternity system into disrepute. Our Constitution prohibits them. They destroy, and they do NOT build a true friendship among MEN.

Professional fraternities sometime face certain dangers.

2  
A First.

There is a tendency to imitate the social atmosphere of the general fraternities and thus become simply campus clubs serving only social needs and having no professional standards. Such groups generally do not even have the respect of those they try to imitate. A professional fraternity should be more than a college boarding house for social striving. "It should be an influence for the fostering of intellectual interest and achievement, and it should foster



the kind of sociability which is contributive to fine personal power, and not destructive to it." Social training has its place in Theta Tau. Good manners and neat dress are an asset to the engineer. The Fraternity should teach their importance. They enable the young engineer to mingle with his equals and superiors without embarrassment.

B Second.

With certain professional activities there may be a tendency to make a chapter assume the status of a lecture bureau. A fraternity is in its nature a selected body of men. It should not attempt to sponsor speakers or professional programs for an entire student body except in a limited way, and thus usurp functions which rightfully belong to the student professional societies to which any student is eligible, neither should a fraternity assume duties that the professional faculty is too lazy to do.

Such a scheme destroys the fraternity idea. We have certain professional activities that are traditional in Theta Tau, but they are for our members and pledges and are to train them to stand on their feet and discuss professional and other matters with ease and confidence. They are to develop the power of criticism and analysis of the thoughts of others, and they are to be exercised in the privacy of the chapter room among a group of sympathetic listeners so that the embarrassment of the novice will give place to the assurance of habit.

When a chapter of Theta Tau has an open meeting it should act as host. The meeting should be for invited guests and pledges, but most of the meetings should be closed and attendance should be one of the benefits and rewards of membership. If anyone can come to a Theta Tau educational meeting, one incentive for an ambitious and desirable student to be a member and serve the Fraternity, is removed by the Fraternity itself. Chapters of Theta Tau must co-operate with the faculty and college authorities but they should not accept burdens or assume privileges which are by right the duties of other organizations to which they as individuals may belong, and which they as individuals should support.

C Third.

There is a tendency to assume that professional fraternities are only upper-class honorary societies or semi-honorary groups, and not real fraternities in any fundamental way.

The members of the Professional Interfraternity Conference, of which we were one of the founders, are not honorary fraternities. In fact, we join with many others in feeling that most of these so-called honorary societies could be abolished with profit to everyone, including their own members. If the scholarship is high, they are merely an imitation of Phi Beta Kappa and other recognized ~~honorary~~ scholastic honor societies. If it is a so-called "activities" fraternity, it usually has no merit whatever and after graduation the pin or key is packed away with other childish



toys so that not even the owner can find it again, for when you take the insignia away, what can the owner say he received from such an order? Theta Tau does not want its members to be mere pin wearers. They should have more than just a social or collateral interest in each other and in the Fraternity. They are to feel themselves members of a great engineering fraternity of definite object, and which is entitled to the active support and interest of every member. Who among us wants to say of Theta Tau that when the badge is taken away there is nothing left? Surely, though the badge be gone, we ought to have left a rich memory of associations through our students days, of friendships that had their beginning in this Fraternity, and which neither time nor misfortune can destroy. To us the traditions and principles, as well as the practices of Theta Tau, should be living ideals that we can apply in every day life, and take pride in the fact that they are not entrusted to everyone.

The best professional fraternities advocate the maintaining of some sort of a chapter headquarters which will be a concrete habitation in which fraternal contacts can be fostered and to which alumni can return to revive them. This contributes to an atmosphere of being together where men are working to a common end, and which brings out in relief all those qualities which make a professional fraternity worth while. Great changes are taking place in the college world. We may possibly see a future time when no fraternity will live and serve meals in its own house, and where such houses will be used only for meeting places. In fact, this condition already exists at some colleges. Moreover, it is obvious that the local conditions at many schools may be such that a house where men may live is impractical if not forbidden. Chapters may exist at engineering schools where the student body is small, or where almost everyone belongs to some long established chapter of an academic fraternity. In such a college a professional fraternity should plan to build some sort of a small hall, or maintain some sort of a club room which is theirs alone and where alumni can always find them.

The financial problems arising in a fraternity are in themselves a favorable training. It is obvious that the right minded and decent student will pay his debts. I can assure you that a man's credit has much influence on his professional progress. Engineers who fail to meet their just obligations are received with a reserved judgment which is a handicap in all their business intercourse. Anyone can meet with misfortune but there is an honorable and frank way to meet such situations with credit, and the true fraternity will not fail to help its loyal members.

Read  
"Active life in the Fraternity is but a period of apprenticeship and final control over traditions and administration is a prime responsibility of the alumnus." The active chapter builds the foundation because it selects the future members. The alumni build



Page 5.

the superstructure because in the larger world of engineering, it is the reputation of the alumni which makes the reputation of the fraternity.

The chief purpose of engineering education is to enable a man to earn a living. His contribution to science and to his country is a result of his professional activity. Our Fraternity should teach the engineering student "how to enrich his mental and moral life, to be more of a man, to be a real person, and not simply a cog in the machine of industry or the profession, including the teaching profession. Self-expression, affection, helpfulness, understanding, sharing joys as well as sorrows, all these are instinctive and human emotions". They lift the human being to a higher plane than just physical existence.

It is not the fine houses a fraternity may have, it is not in numbers, it is not in the prominence of the alumni, but it is in the fraternal bond, its teachings and practices, its unselfish and enduring friendships, by which you must measure its usefulness to the members. The foundation of this chapter rests with you, and may your successors have always before them a vision of that true Theta Tau, of which they, as well as ~~all~~ we ~~of us~~, should be the builders and protectors.

Finally my Brothers, let me assure you that until and unless you place yourselves in the position to be of active benefit to it, both as a student and as an alumnus, the Fraternity can never justify itself to you, because you will not deserve anything from it. The whole of life is like that."

A roll of industrious, of faithful and happy chapters, a prosperous, honorable and loyal alumni, that is a Fraternity in fact as well as name.

My Brothers, that is the Theta Tau we hope and strive for.

.....

March 26, 1932.





something that was very fine. They went after all the alumni of the U-Tech, and of that large number of alumni they had, I believe that there are only fourteen or fifteen that haven't been initiated into Lambda Chapter. When you go to Salt Lake City, you find among the engineers there that Theta Tau and the Alumni Association (most, but not all of whose members are Lambda men) have a very decided place. One of our members there is a member of the Board of Regents of the University of Utah. Another one of our members is Vice President of the Kennecott Copper Company which is one of the largest copper mining, smelting, and refining organizations in the country. A great many men around Utah are perfectly amazed to go around there and find these older alumni. I am a member of the Intermountain Alumni Association, and I have been to a great many of the alumni meetings. Formerly, we didn't think we had a very good meeting unless we had a hundred at the alumni meeting, and that has become quite an organization. Now the war came along after we had installed Lambda. Just after that we had an Alpha man down in Tuscaloosa, Alabama. He started to talk to some of the boys there on the campus of the University of Alabama, and that's how Mu Chapter started.

Every one of our Chapters has started that way. One interesting thing to tell is the history of Tau Chapter at Syracuse University. There was a national professional engineering fraternity organized at Syracuse in 1904, the same year we were founded. They established three chapters: Syracuse, Lehigh, and Brown. Lehigh and Brown chapters were killed by the First World War and never revived. Tau Chapter, the remaining one of that fraternity, petitioned us because some of their men had met some Theta Tau alumni at various engineering camps, and so we established a Chapter at Syracuse University. You can go to Baird's Manual, turn to the section on inactive fraternities and read all about Tau Delta Sigma.

Now I'm going to tell you something about Theta Tau as it appeals to a man who has never been on a faculty, but who's been an operating professional engineer, and now, because I'm getting old, doing mostly consulting work. I have never been in a mining camp on professional business & needed help or information (which is sometimes very hard to get) that I couldn't go to some Theta Tau, tell him what I was after, and get a lot of help. I don't know how many thousands of dollars it has saved some of my clients, and also the many headaches that it saved me.

Today we have men in almost every country, except those under the domination of Soviet Russia. Many have very high positions. Some of you may be interested in the things of greatest value to a professional engineer. The first thing looked for in young men coming out to work is their character. An engineer is in a peculiar position. When he makes a report, the facts should be the same whether he's acting for a seller or a buyer. We should always keep in mind in our professional practices that the things that make a successful professional man are the things we teach to our members: that a man must be an honorable man, and a truthful man. The Ritual of Theta Tau teaches us the fundamentals of character that an engineer must have. The Constitution of Theta Tau is simply an instrument establishing regulations for an orderly organization. But the vital thing in any fraternity is the Ritual: the things we teach men when they become members.

I'm very glad that I came back to Purdue this time. As I told some of you, twice now I have rescued Phi Chapter from total ruin. In 1927 when its petition was presented in Chicago, the motion was made and passed to take a look at it. So some of us got them to add a new motion that I was to come down here to Purdue, and whatever I told the Executive Council, they would do. So I came down and visited the old local here, and talked fraternity, and had Dr. Louderback give them a talk. There you are. This afternoon, as you know, we had a vote on agricultural engineering. It took 27.2 votes to pass it. If I had voted against it there wouldn't be any agricultural engineering. Look what I did for Phi Chapter.



The Epsilon Chapter at the University of California originated the way so many of our early Chapters did. I came up in 1910 from Old Mexico with a Theta Tau from Beta Chapter who is now dead, Byron Pickard, as my helper to make an examination of a mine in the state of Nevada. We were there about three days and then another two weeks a little bit later, and on our way back we stopped off in Berkeley. Pickard had gone to the University of California to take mining engineering and was there about a year before going to Michigan College of Mines. One of the men that he knew was still going to the University of California, Frank Hudson, one of the most prominent geologists on the west coast. That's how I met Frank Hudson, and I talked to him about Theta Tau. So he got Dr. Louderback and some of the others together, and that was Epsilon Chapter. In 1911, I made a trip to California and installed Epsilon Chapter. Since the Fraternity in those days had no money, I paid my own expenses.

Now I want you to get the idea of how these Chapters happened to come along. Ross Parker was the number one man, and the organizer of the Chapter at the University of Kansas. His family had a summer cottage on a lake in Minnesota where my mother and my sisters, and my younger brothers went in the summertime, so my sisters told him all about Theta Tau. So I stopped off in Lawrence, Kansas, and visited Ross Parker and helped him organize a group there. In 1912, Ben Walling, Hopkins, and I went down to Kansas and installed Zeta Chapter. That's how Zeta started.

Two men from Alpha Chapter, and two men from Gamma Chapter went to Massachusetts Institute of Technology to take graduate work. So they got a little group together at Massachusetts Institute of Technology, and that was Eta Chapter.

Now the Columbia University history is really a little out of the way. They had for many years at Columbia a local that was called the Senior Mining Society, a very select and snooty crowd. In the spring they elected fifteen juniors and that became the Senior Mining Society during their senior year. But finally the faculty at Columbia University decided that this little group that had prominent speakers come to their meetings was not what they wanted. They organized the Mining Association and told the Senior Mining Society that it could carry on as a local, but all the students in the School of Mines were going to be eligible for this Mining Association. They didn't care very much for that, but Ernest Klepetko from Beta Chapter had gone to Columbia to take his master's degree and I think this was right along his line. He got the Senior Mining Society together and petitioned us, and that's Theta Chapter.

Iota Chapter was established by two men from Delta. Dr. Anderson (who is probably one of the outstanding men in the metallurgy of aluminum and magnesium, and now the head metallurgist of a very large research laboratory) and Ross Householder went down to Missouri School of Mines and they got a group together, and that was Iota Chapter.

George Geib of Alpha Chapter went to the University of Illinois as a graduate student in civil and he got a small group together and sent some men down from Alpha; that was Kappa Chapter.

Now going to the western Chapters. At the University of Utah there was a local fraternity that was as old as Theta Tau. It was called the U-Tech Club. They met some of our alumni in Salt Lake City, and in particular Ed Snyder (we call him doctor, now) from Beta Chapter and some others and they wrote to me. In the spring of 1920, Dr. Louderback (who was at that time Grand Regent) and I, with some other local alumni, went to Salt Lake City and initiated 85 men. I was almost dead after that four days. And that's Lambda Chapter. Lambda Chapter did



Condensed Address of Founder Erich J. Schrader  
Theta Tau Nineteenth Biennial Convention Banquet, December 30, 1952

I have been asked to say something about the early history, not only of Alpha Chapter, but also of the other Chapters which I have known through the years. At Minnesota, during the time when the medical, the legal, and the dental fraternities were in four-year classes, a man went into medical school, law school, dental school, directly from high school just the way the engineers did. And it was because we saw the successful way that the medical and legal fraternities were operating, and because I had friends in many of them, that we decided that we would try to find a national professional engineering fraternity that we could establish at Minnesota; and when we could not find it, in the fall of 1904 we organized this Fraternity.

There has been some misunderstanding among some of the members of the Fraternity at times, that they recall it was organized and originated as a mining fraternity, but that is not true. It just happened that the four of us that organized it were all intimate friends and were all studying mining engineering, but one of my classmates who is dead, Clinton B. Smith of the class of 1905, was an electrical student and was one of the early members of Alpha Chapter.

Now we naturally had a great many problems to meet. Our Beta Chapter at the Michigan College of Mines originated from an organization called the Rhombohedron Club of which Brother Hopkins was a member. Downing, of St. Paul, Minnesota, where I lived, was a very close friend of Ike Hanks who was one of the four Founders, and I talked with him about Theta Tau we'd organized, and Bob and the rest of the men of the Rhombohedron Club decided that that was what they wanted to do. That began our Beta Chapter which has been one of our most successful Chapters in all its history.

Brother Lewis decided that he was having too much social life at the University of Minnesota. He had two sisters that liked to be taken out a good deal, and he found that he couldn't study mining engineering and go to dances two or three days in every week, so he went to the Colorado School of Mines, and in 1907 he gathered together a group of men in Golden, Colorado. In the spring of 1907, when I was on my way to Old Mexico, I stopped in Golden and met these men. In the fall of that year Gamma Chapter was established.

Now Delta Chapter had a very peculiar history. In 1908, a national mining fraternity called Sigma Kappa Alpha was organized. There was a chapter at Minnesota which was competing with Theta Tau, a chapter at Case, and a new chapter established at the South Dakota School of Mines. So they had a convention in Minneapolis and invited members of the mining fraternity that had existed at the Michigan College of Mines for very many years by the name of Sigma Rho, and they sent a couple of delegates down to Minneapolis. After quarrelling and talking about it for several days, the boys from Sigma Rho decided that they didn't care about organizing a national fraternity. Theirs was local at that time so the thing died. Two years later they asked our local at Minnesota to become a chapter of Sigma Rho. The boys at South Dakota School of Mines were very poorly organized and that chapter was dead at that time; so that left the Sigma Kappa Alpha chapter at Case School of Applied Science alone. But when the men from Case were in Minneapolis they met a great many of the active members of Alpha Chapter, so in 1911 they petitioned us for a charter and that was our Delta Chapter. Now if you want to read more about that, you can look in the Manual of College Fraternities, and among the inactive fraternities you will find the history of Sigma Kappa Alpha. I can say that the history is accurate. I wrote it.



December 1, 1933.

Mr. Fred Coffman, XXX!  
P.O. Box 1204,  
Raleigh, N.C.

Dear Brother Coffman;-

Your letter of November 22nd reached me upon my return to Reno, and I note that you do not wish to be considered for re-election as Grand Regent and I am sure that your recommendations will meet with the approval of all the officers as they meet with mine.

Your statement that your "suggestions have not been very often seriously considered by Theta Tau", I do not agree with, but I suspect that your long silence is due to your specific dissatisfaction with some specific matter unknown to me at present. I originally suggested you for national office and also was one of those who advocated your election as Grand Vice Regent being fully aware that it would soon lead to election as Grand Regent. The fact that this had the support of other national officers does not indicate that they held your opinions of light value or you would not have been elected.

My files show that I have not had a letter from you since October 16, 1932. They also show numerous matters I submitted to you for an opinion, including the proposed by-laws of Gamma, and correspondence with Upsilon, and the question of the protest by certain alumni to the election of a student by Gamma chapter, a letter asking if Chicago would suit you for the Convention, and miscellaneous other routine problems. To none of these a reply was received. For the first time since I have been in any office I had to send a letter registered to another national officer for fear I would not otherwise know if it had been received. I do not see where you can say your suggestions have not been given consideration, when no suggestions from you have been forthcoming. The Minutes of the Conventions also indicate that you have been the author of numerous adopted suggestions and motions. If there is any specific incident you have in mind, I would like to know of it. With best wishes, I am,

In H & T,

E. J. Schrader.  
VVV!



November 10, 1934.

Mr. Fred Coffman;  
P.O. Box 1204,  
Raleigh, N.C.

Dear Fred:

Erich has asked me to express my views in regard to the name of the new chapter.

I do not like Deuteron, it has always been one of my pet peeves. A number of our members buy guards for their pins. The jeweler supplies single and double letter guards, I do not know what they supply for Deuteron or if they can be furnished quickly nor if any one would know what they represented. I do not know what is supposed to follow Deuteron and so on if we continue to expand and attain a large chapter roll. I know of three fraternities that do use Deuteron.

By far the most fraternities use Alpha-Alpha to start the next series. At the Fayetteville convention Alpha asked that that not be done for the next chapter and the minutes show that Beta-Alpha was approved. My recollection was that it was Beta-Beta but I presume that the minutes as published are the legal ones. I do not think that we are held strictly to Beta-Alpha, but as the convention did approve a double letter arrangement, I think we should stick to one.

Kappa Psi (Pharmacy) uses Beta-Beta, Beta-Gamma, etc. for their next series. I prefer that in reversed order, i.e. Beta-Beta, Gamma-Beta to Omega-Beta, then Gamma-Gamma, Delta-Gamma on to Omega-Gamma, etc. In that way we will provide for 300 chapters. We will meet Alpha 100 percent in never using that letter at all (and I think that was their request) and our rule simply would be to use the series letter as the second letter and never go back of the series letter for the first letter. That has my vote.

In H & T,

Jamison Vawter

P.S. I am enclosing reports on Upsilon and Iota. I was at last able to find the time for the visit to Upsilon, which I have been trying to make since the last convention. I had to make it at this time as it was the only time I could see clear to get away for that length of time as a matter of convenience to my colleagues who had to take over my work. I was gone about a week.

J.V.

copies to: Schrader, Hopkins



November 9, 1934.

Mr. Fred Coffman,  
P.O. Box 1204,  
Raleigh, N.C.

Dear Fred:-

I am enclosing the cards for the Grand Marshal, the Grand Outer and Grand Inner Guards as written out for installations and as used by me at Psi and Omega. The only part not written out is that of the national officer who has the short lecture printed on page 54 which I suggest you have Marine or some older member read from the book.

Your long letter of November 4th received. I do not know if Glass visited Tau or not. I have not heard from him. I have not heard from Tau either.

I think Mu will send me that chapter report after a while. I hate to have one of these missing as they contain statistical information which I tabulate for comparison with previous years.

The news from Rho is disturbing but not astonishing. It is curious, but that was a local of about six years when we chartered them and apparently a live bunch. The truth was that they had only two live men, the one they sent to the Iowa Convention and the man who had carried on the correspondence with me. Of course we made a mistake in granting them a charter, but the opposition from Pi and Mu was that "gentlemen" in the south did not go to N.C. State, because of its poor social standing.

I have already suggested that you take the Recent from Rho. It is all right to pick your helpers from various chapters. I had forgotten about Henderson of Zeta. My only thought was that the Alpha men would probably know what it is all about. I am quite sure that Parker Track will be awfully ~~impressed~~ about the ritualistic work.

Hopkins wrote to me that he also would favor naming the chapter Beta Deuteron. You are right, the 1931 Convention in Fayetteville did conclude to name the next chapter ~~Alpha Beta~~. Beta Alpha, see page 51. However, you have ample time to submit this to the chapters. All may not answer but I am sure enough will to give you a vote on it. It is not important however. Theta Delta Chi also uses the Deuteron system. It certainly is less confusing, and I would like to see it done if the others agree.



FC.  
page 2.

11/9/34

I think that Hopkin's suggestions for Convention formality is good. I think that I will write that up in the Council Minute book and we will use it at the next Convention. I also favor his other suggestions and I think that we have enough good chapter advisers now to help fill out the Council. I do not agree with him regarding the Grand Marshal who gets out shingles and has the national archives in the shape of the pledge forms which now number several thousand. I think he has as much routine office work as either Vawter or I, or almost as much anyway. I do not think it is good to chance that office frequently.

In the past we have often elected Grand Officers because of their use in certain sections rather than with the idea of advancing them. If we can get this system of chapter advisers adopted in good shape we may be able to substitute having them come to Conventions for visits from national officers, but the latter help impress on the actives that they are part of a national organization.

Now in regard to petitions. This is one matter where we did not clear up the Constitution in 1932 they we should have to make it coincide with our practice of some years.

We have initiated as charter members only those signers of the petition who were still students. We have placed on the charter only a limited number of names. I think that Vawter said that 18 was about the limit, see sec.14, page 48, chap. II-C.

The Constitution, Sec. 8, Art. X, page 20, is correct. I think it should govern. That has been our practice since Tau. Sec. 12 of the chapter II-C is obviously in conflict and should have been corrected. I think the Constitution should govern. Moreover, that is what we have done. Dean Butler at Arizona was not one of the organizers there nor were the faculty men at Psi and Omega. I think that the faculty men should be initiated as regular charter members (not honorary) unless there are too many of them, and then the Dean might be the only one selected, and if a faculty man has shown little interest whatever, he might as well be dropped the way we did a lot of dead timber at Utah.

Write Vawter to send roll-book, Ritual and Constitution to you as soon as possible. I presume the man selected at Washington to get badge orders will also get pledge forms. I will instruct him fully but do not know who it is. I am going to be away for ten days so suggest you follow it up.

In H & T,



EXECUTIVE COUNCIL  
OF  
THETA TAU

P. O. Box 1204  
Raleigh N. C.  
December 11 1934.

Mr. E. J. Schrader,  
P. O. Box 244,  
Reno, Nev.

Dear Erich:

Your various communications of recent date arrived in due time. I received the cards which you deciphered and mailed me prior to your trip to Arizona. Also I have received a copy of your report on your visit to Chi Chapter at the University of Arizona.

The installation of the George Washington chapter has meant considerable correspondence and I am inclosing numerous letters herewith which will explain some of the problems which have arisen in connection with the same. At the present time it appears that the installation date will be January 19th, but I would suggest that you do not mail out any notices to this effect until after the holidays, as I have not had official verification of this date from Phi Theta Xi. However, Rex Anderson in a personal letter states that it will be satisfactory.

According to the inclosed letter I am tentatively calling the new chapter Gamma Beta. This is in accordance with the power which you and Vawter delegated to me. However, I am today writing Curtis, Glass, Daniels, and Russell, asking their opinion. Trusting this will be satisfactory to you, I remain,

Yours in H. & T.,



Fred Coffman.



April 7, 1935.

Mr. Fred Coffman,  
P.O. Box 1204,  
Raleigh, N.C.

Dear Fred:-

I have received a letter from Gamma Beta chapter giving me a list of those who sent congratulations.

All of the national officers did so. Three alumni associations did so, ie. Twin City, Intermountain, and Southwestern. Van also did so.

The following chapters failed to send anything.

Mu, Nu, and Upsilon.

Hopkins wrote me some time ago that Pi had a bar in its house and that many other fraternities at Virginia had them. He does not like the idea. Neither do I. In fact I object. I think it is a matter that should be taken up with the faculty adviser or Dean Rodman.

I do not see where it can help but lead to laxity of conduct in the chapter house particularly at parties. In fact, it seems to me that it could lead to scandals of unlimited possibilities as similar conditions have elsewhere.

I am going to quote one part of Hopkin's letter which is entirely my own viewpoint but much better expressed and which we all know is a fact.

" I find one argument that seems to stick, and I have used it in the past years at my own chapter. That is the argument that fraternities are allowed to exist, and boys are allowed by their parents to join them, because back of most fraternities is a responsible group of men who are interested and conscientious enough to insist that the active men don't go haywire in conduct or in application to their work. It is the common sense ideals of fraternity life that make the fraternities what they are, and keep them from slipping into a mere association of rough-necks that are interested in having a good time."

In regard to the condition at Rho for which you asked for authority to act, please note sect. 17, Chapt. VI, -A, adopted at the last Convention which I pressed for the very reason that a national officer might need to act on pledging.



page 2.  
F.C.

5/7/35

I hope it will be possible for someone to go to Mu chapter this spring. It disbands by May 1st. The chapter did not make an annual report last spring and the fact that it failed to congratulate Gamma Beta, shows that they are not paying much interest to Theta Tau.

I think we should give serious consideration to the publication of a new Directory. The last one was published in 1928. I do not think it should be given with The Gear but we might reduce the price to those who also subscribe to The Gear and give it to the alumni who pay \$15.00 for a life subscription. It should not cost as much as in 1928 and I think that we could get a 1000 subscribers, perhaps more.

With best regards, I am,

In H & T,

cc-Hopkins.

E.J.Schrader.



EXECUTIVE COUNCIL  
of  
THETA TAU

December 3, 1935

Brother H. H. Hopkins, Grand Vice Regent  
Brother E. J. Schrader, Grand Scribe  
Brother Jamison Vawter, Grand Treasurer  
Brother Donald D. Curtis, Grand Marshall  
Brother Russell J. Glass, Grand Outer Guard  
Brother J. M. Daniels, Grand Inner Guard

Dear Brothers:

I shall preface my remarks with the statement that I became Field Engineer for the Works Progress Administration of North Carolina on August 1. This position has consumed much of my time and has required various field trips which have kept me away from Raleigh for long periods. Even as I write this, I expect to take an inspection trip into the northeastern section of the state within the next two days and will probably not return for a couple of weeks. Consequently, I would suggest that in order to obtain a prompt reply to any correspondence which you might have with me that you address me c/o WPA, Office 509, Raleigh Building, Raleigh, N. C. In that event mail will be forwarded and you can keep in close touch with me. My permanent address is still Box 1204, Raleigh.

It is hard to write a letter like this even though you have had 10 years experience on the Executive Council, but in view of the situations which have arisen at previous conventions, I, as Grand Regent, feel that I must offer some suggestions for the good of the order at this time.

The Eleventh Biennial Convention adopted a ritual to be used in connection with those members of Theta Tau who have "journeyed just beyond the sunset". This was suggested by Brother Schrader, founder of Theta Tau. Brother Hopkins, Grand Vice Regent has suggested a manner of introducing the National Officers at a National Convention, and the use of these seem to be very much in keeping with the policy of Theta Tau, and I therefore suggest that they be made a part of the ritual by legislative action at the Twelfth Biennial Convention.

My experience as a member of Theta Tau has given me some very definite ideas as to the election of new members to the Executive Council. I am definitely opposed to the idea that any member should be elected to the Executive Council with the idea that he will be elected to the next higher office. It is true that I was elected to one of the minor offices and was gradually advanced from the office of Grand Inner Guard to the position which I now hold.



Of course it is easy to say this since I am retiring at the end of this coming Convention. Those members of the Executive Council who were present at the Convention in Columbus, Ohio, will remember that it was for the best good of Theta Tau that the Grand Regent hold office for two terms. At the time I was very much opposed to the idea, but at this writing I sincerely feel that the action taken by that Convention was for the best interest of the Fraternity. I am still of the opinion that our three "key offices," Grand Scribe, Grand Treasurer, and Grand Marshall, should be more or less permanent and occupied by the same individual over a period of Years. As I see it, no new member of the Executive Council should be less than 30 years of age, and that no one should be considered for the office of Grand Vice Regent or Grand Regent until he is 35 or 40.

In regard to the coming Convention, a telephone conversation with Brother Curtis makes it quite plain to me that neither he nor I will be able to meet in Chicago and go from there to Kansas City with the rest of the members of Theta Tau. My work is pressing on me very much, but I have made arrangements to be in Kansas City by the middle of the afternoon of December 27. I believe Brother Curtis can reach there at approximately the same time, which will enable us to examine all those delegates which have not been previously examined on the train trip from Chicago to Kansas City.

I do not like the idea of a dance as a form of entertainment. It was tried out in Columbus, Ohio, in 1925, and to my mind was not a success from a business stand point. It was my hope that a meeting of the Executive Council could be held that evening behind "locked doors" in order to transact any business that might be at hand and solve the problems which are now presenting themselves. If the Kansas City Alumni Association has gone so far as to make arrangements for a dance, I would suggest that it be made purely a dance and not a dinner dance. This will give us more time to work out the solutions of our problems.

The initiation ceremony conducted by Brother Schrader at the Chicago Convention in 1927, has always remained as a very impressive affair to me, and I would like to see such an initiation carried out at the Kansas City Convention. I think it would be even more impressive at the present time since many of our older alumni have never witnessed the new form of ritual. In this affair as at the Fraternity Banquet, I believe that the National Officers should appear in formal dress.

As each of you know the Eleventh Biennial Convention went on record to invite J. Sydney Marine, Past Grand Regent of Theta Tau,



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to this convention providing the condition of the Treasury would permit such action. I recently talked with Brother Marine by long-distance and his business affiliations do not seem to be so good. While he did not express it to me in so many words, I gathered from his conversation that this period of depression has left an indelible mark upon him the same as it has upon me and Brother Robert J. Anderson. I, as Grand Regent, therefore urge you to invite Brother Marine to the Kansas City Convention as the guest of Theta Tau Fraternity. I think all of you know him and realize that he is able to impart to the delegates something that cannot be obtained from any other one of the five or six thousand members of Theta Tau. By this statement I do not mean that his inspiration to every delegate who meets him is equivalent to that of Brother E. J. Schrader, Founder of the Fraternity, but it is a different kind of inspiration and in my estimation is well worth his expenses from Scarsdale, N. Y., to Kansas City, Mo.

For a number of years there has been considerable dissatisfaction with the design of recognition badge and sister pin which we have been using. It has come up at every Convention since 1925, and at the Kansas City Convention, I propose to introduce designs for each of these emblems which I trust the Twelfth Biennial Convention will see fit to adopt.

To each and every one of you, I remain your Brother

In H. & T.

*Fred Hoffman*  
Fred Hoffman

FC/af

EXECUTIVE COUNCIL  
OF  
THETA TAU

Raleigh, N. C.  
January 15, 1936

Mr. E. J. Schrader  
P. O. Box #244  
Reno, Nevada

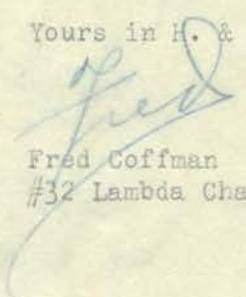
Dear Eric:

At the last Convention, the Extension Committee reported that four students from Cornell University had made inquiry concerning possible entry into Theta Tau. I would appreciate it very much if you would send me the names and addresses of these men.

I happen to know a Mr. Henry Krietzer and another student from Charlotte who are attending Cornell and I wish to write to these men as to the general reputations of the four men who communicated with us.

With kindest personal regards and all good wishes,  
I remain,

Yours in H. & T.

  
Fred Coffman  
#32 Lambda Chapter

FC/vh

cc: Mr. H. H. Hopkins



EXECUTIVE COUNCIL  
OF  
THETA TAU

P. O. BOX 1204  
RALEIGH, N. C.

Hotel Ricks  
Rocky Mount, N. C.  
March 3, 1936.

Mr. E. J. Schrader, VVV!  
Theta Tau Fraternity  
Reno, Nevada

Dear Erich,

Since I am enclosing herewith carbon copies of several letters including a very long one to Bro. Hopkins, this letter will resolve itself into a series of uncorrelated paragraphs.

First this is a sample of the stationery to which Bro. Hopkins took exception. I am glad he did because the letter head I am now using for alumni work is much more effective for the purpose. This paper can be used in writing to members of the Executive Council so that it will not be an absolute loss. I appreciate Bro. Hopkins' good judgement and thoughtfulness.

On February 23 I talked to Prof. Curtis at Clemson College and he is planning to go to Alabama soon after the 1st of April. I shall follow your suggestion and visit Virginia sometime this Spring if Bro. Hopkins will mail me the proper authorization, and I am sure he will be glad to do this. Later in the Spring I shall send you a formal report on Rho Chapter, and I am sure I need not say that it will be fair and unbiased. I have read your five inspection reports with a great deal of interest and I believe they have done me a lot of good. Likewise I am sure your visits did the chapters a great deal of help. I have asked Nusser to return the Lambda report to me. Upon its receipt I shall take steps to assist my chapter. As to the Intermountain Alumni Association I feel Sorenson should be replaced. He was the weakest delegate Lambda ever had. Why not work McKendrick into the job of Secretary of the I. A. A.? He is interested in Theta Tau and his father owns a large shoe store in Salt Lake City and I imagine he will enter the business and be continually in the city. I think he would be quite satisfactory.

I appreciate your suggestions in connection with my alumni letters and they will be incorporated in the letters that go to the other chapters. They were received too late to be incorporated in the letter that went to the Rho Alumni. Anyway my work with Rho is more or less of an experiment.

As to the three missing pledge forms for Rho I have received the one from Albright, have written Tighe and of course, can see Prof. Tucker any time. I know I can clear that matter up. I have a copy of the Honorary Member form. Mr. Spinks has filled out his form properly and mailed it in on the proper blank. I also have one ready to give to Prof. Brown.

Thanks for the address of Fred Varney, '08 of Beta. I have already mailed him an alumni letter to the Phillipine Islands. I am keeping the chapters separate so that I can see which chapter has the best percentage of returns and which the poorest. I can almost guess now! Gamma Beta will be the best and Arkansas the poorest. So far I have received alumni lists from Epsilon, Zeta, Lambda, Pi, Rho, Sigma, Phi and Gamma Beta. Alpha, Theta, and Mu have promised me theirs soon. Gamma wrote that theirs would come but would take some time. I have heard from none of the other chapters, even after two letters.



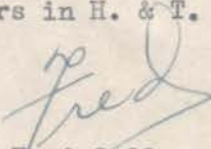
I appreciate your mailing me copies of your correspondence with Cornell students. I shall follow it up, in the manner I mentioned to you. Also I have heard nothing from Richardson of Omega who is at Stanford. However I find there are two Epsilon men there and I propose to take the matter of a Stanford Chapter up with them. The three of them should be able to turn the trick, or at least tell me why it can't be done.

L. G. Balfour sent me a sample of the new recognition button and I am more than pleased with the design. The enamel in the gear wheel was too dark and I returned it. If they can get the proper shade of red, and they say they can, I am sure this button will be very popular.

I have heard from all members of the Executive Council since the Convention except Glass and I'm wondering if he is "sore" at me for something I did at the Convention.

With kindest personal regards and all good wishes I remain,

Yours in H. & T.



Fred Coffman

FC:FC

C. C. to Bro. H. H. Hopkins.



# Irish Free State Hospitals' Sweepstake Ticket

Held under the Public Hospitals Act 1933, conducted and managed by the Hospitals' Committee under the Chairmanship of Viscount Powerscourt

RUN AT EPSOM, ENGLAND, MAY 27th 1936

PRIZES ON REVERSE

EVERY PRIZEWINNER WILL BE NOTIFIED OFFICIALLY

TO BE DRAWN IN PUBLIC UNDER THE SUPERVISION OF  
COLONEL BROY, CHIEF COMMISSIONER OF POLICE, I. F. S.  
AT DUBLIN ON MAY 23rd 1936

MAKE SURE TICKETS, COUPONS, OR BOOKS AND RECEIPTS  
SHOW WATERMARKED IN THE PAPER THE WORDS:

"AUTHENTIC SWIFT BROOK PAPER  
MADE IN IRISH FREE STATE"

ARRANGE WITH A BUSINESS HOUSE, INSTITUTION  
OR FRIEND IN IRISH FREE STATE TO TRANSMIT  
YOUR COMMUNICATIONS TO US



HE 14172

HEADQUARTERS: HOSPITALS' TRUST LTD., 13, EARLSFORT TERRACE, DUBLIN, I. F. S.

WARNING: IT IS IMPORTANT THAT YOU SATISFY YOURSELF REGARDING  
THE TRUSTWORTHINESS OF THE TRANSMITTER. IF YOU RECEIVE TICKETS  
UNREQUESTED, SEND COUNTERFOLDS DIRECT TO IRISH FREE STATE

Raleigh, N. C.  
Apr. 12, 1936.

Mr. E. J. Schrader  
P. O. Box 1244  
Reno, Nevada

Dear Erich:

Pinned to the top of this letter you will find an Irish Free State Hospitals' Sweepstake Ticket (HE 14172) which I have purchased from my personal funds in your name. As you will note the race is to be run at Epsom, England on May 27th of this year and is good for \$150,000 or many lesser amounts, in case you are "lucky." Perhaps I am enthusiastic but one of my friends in Raleigh won \$3600 on the race held March 28th, so I thought I'd buy one for Theta Tau. Not thinking it a good plan to link our Fraternity's name directly with the lottery I purchased the ticket in your name, and gave your "non-de-plume" as Theta Tau. If this ticket draws a winning horse you will be cabled at Reno and Theta Tau will have some additional money with which to carry on its work. If it doesn't win -- oh well, I shall have had a thrill, a thrill anyway, from daring to do.

By this time you have received the Rho Banquet Menu. It may be disappointing to you that at the last minute Prof. Brown did not care to be initiated because of the expense. I think I could have persuaded him but I did not feel it would be doing the best thing for Theta Tau and Rho Chapter. Consequently we went ahead and with Sid's assistance, the initiation went off in fine shape. I have never seen a chapter rise so much to the occasion. The toastmaster will be a good Regent next year and I feel quite encouraged. I asked Sidney to write you and Hopkins concerning the situation as he viewed it but I am not at all sure that he will do so. He told me he was very well pleased with the personnel of Rho Chapter and I am sure his being here helped Rho in the eyes of Raleigh. Mr. Spinks was very impressed with our ritual and has already shown much greater interest in Rho than I had expected -- in fact acted as judge at the Engineer's Fair along with five other citizens of Raleigh. He was placed in the position by two members of Rho Chapter.

Due to the Fair and Easter week-end Rho has not met since the initiation but will do so next Wednesday. At that time additional new members will be considered. I trust Vawter will not be too insistent on Rho's paying its indebtedness immediately. With only eight members it is going to be very discouraging if he insists on it. We will get it wiped out before school closes but he must give us a little time to get some additional members.

Hope to Visit Virginia late this month at their anniversary banquet. Alumni letters are still beyond my expectations. I would say we can anticipate a net profit of 10% or \$600 per year for the two years beginning January 1, 1936. You will note the brief resume I have sent Brother McKendrick. I shall give a detailed report as of May 1 including expenses, etc.

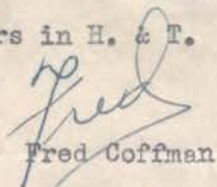


I feel that some thought should be given to the publishing of a new directory. All the alumni that have written feel that it is a prime necessity. As I remember it, Vawter felt we could afford to spend \$1000 in getting out a new directory this biennium. By hard work I think I can raise the other \$1000 providing, a decision is made to publish it before I send out my next letter. That will give us several months to think about it.

We should do something about the Intermountain Alumni Association. Obviously, Sorenson is not the man for the Secretary's place and I can well understand it. He is the weakest delegate Lambda ever had. He may rank along side of Kennard but at least Kennard had sense enough to bring his credentials with him -- which is more than Sorenson did. The Lambda installation banquet will come off on April 26th and that appears to me the logical time to make a change. Would it be possible for you to something about it?

With all good wishes and kindest personal regards I remain,

Yours in H. & T.

  
Fred Coffman

P. S. We now have enough material for "The Pine Cone" and this news letter will appear shortly.



*Talk Given at National Convention of  
Phi Chapter - Dec 1952  
by Eric Schaefer*

*BEGIN*  
This is a very interesting instrument. During the political campaign last fall we had a candidate for the United States Senate in Nevada who was an extreme radical, and when things began to get a little tough he came into see an associate of mine whose office is just over me in the same place and is a very prominent man in the state of Nevada and tried to make a deal. He didn't know that they had a recorder under the desk which took down the entire conversation. It proved very embarrassing. It was in fact so embarrassing that the radio stations refused to use it because they'd be sued for liable on account of the language used. So he got a good licking from a very good friend of mine who is United States senator from the state of Nevada, George E. Long, and also an engineer.

But I've been asked if I'd say something about the early history not only of the Alpha chapter, but also the other chapters which I have known through all the years and I intend to say a few things about it. Protocol regulated that Minnesota during the time when the medical, and the legal, and the dental fraternities were in four-year classes, that a man went into law school, medical school, dental school, direct from high school just the way the engineers did. And it was because we saw the successful way that the medical and legal fraternities were operating and because I had friends in many of them, that we decided that we would try and find a national professional engineering fraternity that we could establish in Minnesota; and when we could not find it, in the fall of 1904 we organized this fraternity. There has been some misunderstanding among some of the members of the fraternity at times, that they recall that it was organized and originated as a mining fraternity, but that's not true. It just happened that the four of us that

organized it were all intimate friends and were all studying mining engineering, but one of my classmates whose dead, Clinton B. Smith of the class of 1905, was an electrical student and was one of the early members of Alpha chapter.

Now we naturally had a great many problems to meet. Our Beta chapter at the Michigan College of Mines originated from an organization called the ~~Rohmba~~ Hedron Club of which brother Hopkins was a member and (~~that~~) of St. Paul, Minnesota, where I lived, was a very close friend of Ives Hanks who was one of the four founders, and I talked to him about Theta Tau we'd organized and Bob and the rest of the men of the ~~Rohmba~~ Hedron Club decided that that was what they wanted to do. That began our Beta chapter which has been one of our most successful chapters in all its history.

*Law* decided that he was having too much social life at the University of Minnesota. He had two sisters that liked to be taken out a good deal and he found that he couldn't study mining engineering and go to dances two or three days in every week so he went up to the Colorado School of Mining and in 1907 he gathered together a group of men in ~~God~~den, Colorado and in the spring of 1907 when I was on my way to Old Mexico, I stopped out to ~~God~~den and met these men. In the fall of that year Gamma chapter was established.

Now Delta chapter had a very peculiar history. In 1908, a national mining fraternity called Sigma Kappa Alpha was organized. There was a chapter at Minnesota which was competing with Theta Tau, and a chapter at ~~Case~~ and a new chapter that was established at the South Dakota School of Mines. So they had a convention in Minneapolis and they invited members of the mining fraternity that had existed at the Michigan College of



Mines for very many years by the name of Sigma Rho and they sent a couple of delegates down to Minneapolis. After quarrelling and talking about it for several days, the boys from Sigma Rho decided that they didn't care about organizing a national fraternity. There's was local at that time so the thing died. Two years after that they asked us local at Minnesota to become a chapter of Sigma Rho. The boys at South Dakota School of Mines were very poorly organized and that chapter was dead at that time; so that left the Sigma Kappa Alpha chapter at Case School of Applied Science alone. But when the men from Case were in Minneapolis they met a great many of the active members of Alpha chapter so in 1911 they petitioned us for a charter and that was our Delta chapter. Now if you want to read more about that you can look in their manual of college fraternities and among the uninactive fraternities you'll find the history of Sigma Kappa Alpha. I can say that the history is accurate. I wrote it.

The Epsilon chapter at the University of California originated the way so many of our early chapters did. I came up in 1910 from Old Mexico with a Theta Tau from Beta chapter who is also dead, Byron Pickard, as my helper to make an examination of a mine in the state of Nevada. We were there about three days and then another two weeks a little bit later and on our way back we stopped off in Berkeley. Now Pickard had gone to the University of California to take mining and engineering and was there about a year and then went up to Michigan College of Mines. So one of the men that he knew that was still going to the University of California was Frank Hudson, one of the most prominent           ? geologists on the west coast. And that's

how I met Frank Hudson and I talked to him about Theta Tau, so he got Dr. Landaback and some of the others together and that was Epsilon chapter. So in 1911 I made a trip to California and since the fraternity in those days had no money I paid my own expenses, and installed Epsilon chapter.

Now I want you to get the idea of how these chapters happened to come along. Ross Parker who was the number one man and the organizer of the chapters at the University of Kansas, his family had a summer cottage on a lake in Minnesota where my mother and my sisters and my younger brothers went in the summer time so my sisters told him all about Theta Tau. So I stopped off in Loren, Kansas and visited Ross Parker and helped him organize a group together there and in 1912 Ben, Wally and I and Hopkins went down to Kansas and installed Zeta chapter. That's how Zeta started.

Well, two men from Alpha chapter and two men from Gamma chapter went to Massachusetts Institute of Technology to take graduate work. So they got a little group together at Massachusetts Institute of Technology and that was Eta chapter.

Now the Columbia University history is really a little out of the way. They had for many years at Columbia a local that was called the Senior Mining Society and a very select and snooty crowd. In the spring they elected fifteen juniors and that became the Senior Mining Society during their senior year. But finally the faculty at the Columbia University decided that this little group that had prominent speakers come and had their meetings was not what they wanted, and then they organized the Mining Association and they told the Senior Mining Society well, of course, you can carry on if you want to as a local club but all the students in the School of Mines are going to



be eligible for this mining association. So they didn't care very much for that but Arnas Capetco from Beta chapter had gone to Columbia to take his masters degree and I think this was right along his line. He got the Senior Mining Society together and petitioned us and that's Theta chapter.

And now Iota chapter was established by two men from Delta, Dr. Anderson who's probably one of the outstanding men in the metallurgy of aluminum and magnesium and now the head metallurgist of a very large research laboratory and Ross Householder went down from Missouri School of Mines and they got a group together and that was Iota chapter.

George Gibe of Alpha chapter went to the University of Illinois as a graduate student in civil and he got a small group together and sent some men down from Alpha; that was Kappa chapter.

Now going to the western chapters. At the University of Utah there was a local fraternity that is as old as Theta Tau. It was called the U-Tech Club. They met some of our alumnae in Salt Lake City in particular Ed Snyder, we call him doctor now, from Beta chapter and some others and they wrote to me and in the spring of 1920 Dr. Laudsback who was at that time Grand Regent and I with some other local alumnae went to Salt Lake City and initiated almost 85 men. I was almost dead after that four days. And that's Lambda chapter. Now Lambda chapter did something that was very fine. They went after all the alumnae of the U-Tech and of that large number of alumnae they had, I believe that there are only fourteen or fifteen that haven't been initiated in the Lambda chapter. When you go to Salt Lake City you find among the engineers there that Theta Tau and the Alumnae Association most of whom are Lambda men

not by any means all, have a very decided place. One of our members there is a member of the board of regents of the University of Utah. Another one of our members is vice-president of the ~~Kentucky~~ Copper Company which is one of the largest copper mining and melting and refining organizations in the country. And a great many men around Utah are perfectly amazed to go around there and find these older alumnae. I am a member of the Mountain Alumnae Association and I have been to a great many of those alumnae meetings and we formerly didn't think we had a very good meeting unless we had a hundred at the alumnae meeting and that has become quite an organization. Now the war came along after we had installed Lambda. Just after that we had an Alpha man down in Tuscaloosa, Alabama. He started to talk to some of the boys there on the campus of the University of Alabama and that's how Mu chapter started.

Every one of our chapters has started that way. One interesting thing is to tell you the history of Tau chapter at Syracuse University. There was a national professional engineering fraternity organized at Syracuse University in 1904, the same year we were founded. They established three chapters, Syracuse, Lehigh and Brown. Lehigh and Brown chapters were killed by the first world war and never revived. And Tau chapter was the remaining one of that fraternity and they petitioned us because some of their men had met some alumnae Theta Taus at various engineering camps, and so we established a chapter at Syracuse University. You can go to Beard's manual, turn to the chapter on inactive fraternities and read all about Tau Delta Sigma.

— — — — — # So now I have told you something about how many of the older chapters have started. / Now I'm going to tell you something about Theta Tau as it appeals to a man who



who has never been on a faculty, but who's been an operating professional engineer, and now because I'm getting old am doing mostly consulting work and that is the many, many Theta Taus I have met in connection with my professional work. I have never been in a mining camp, as we call it, (we call Butte a mining camp and it's a big city); I have never been in one <sup>a mining camp</sup> of those places on professional business and if I needed help or information which at some times was very difficult to get; I do not remember a single instance where I couldn't go to some Theta Tau in one of those camps and tell them what I was after, <sup>that</sup> that I didn't get a lot of help. I don't know how many thousands of dollars it has saved some of my clients and also the many headaches that it saved me.

Now today we have men in almost every country of the world, except those under the domination of Soviet Russia. [They are almost every place.] Many of them have very high positions and most of the men that I know in foreign countries are connected with the oil industry or with metal mining, so I know more about them probably than others do. Some of you may be interested in what a man looks for, what are the things of the greatest value to a professional engineer. The thing that he looks for in young men coming out to work, is first their character. An engineer is in a peculiar position. <sup>When</sup> He should make <sup>a</sup> the report, and the facts should be the same whether he's acting for a seller or a buyer. Now the thing therefore that we should always keep in mind in our professional practices is the fact that the things that make a successful professional man are the things that we teach to our men; that a man must be an honorable man and a truthful man. The Ritual of Theta Tau teaches us what are the fundamentals of character that an engineer must have.

The constitution of Theta Tau is simply an instrument establishing rules and regulations for having an orderly organization. But the vital thing in any fraternity, and that's we are--a fraternity, is the ritual--the things that we teach men when they become members.

I think that's all I have to say. I'm very glad that I came back to Purdue this time and see this institution again. I told some of you, not all of you, that twice now I have rescued Phi chapter from total ruin. In 1927 when the Phi chapter petition was presented in Chicago the motion was made and passed to take a look at it. So some of us went around and we talked to some of the delegates and we got them to add a new motion that I was to come down here to Purdue and whatever I told the executive council that's what they would do. So I came down here and visited the old local here <sup>and talked fraternity</sup> and had Dr. Laudaback give them a talk. There you are.

This afternoon, as you know, we had a vote on agricultural engineering. They took 27.2 votes to pass it. If I had voted against it there wouldn't be any agricultural engineering. Look what I did for Phi Chapter.



Lota

EXECUTIVE COUNCIL  
OF  
THETA TAU

P. O. BOX 244  
RENO, NEVADA

SEND TELEGRAMS TO  
19 SIERRA ST.

March 29, 1953.

Mr. A. D. Hinckley,  
90 Morningside Drive,  
New York 27, N.Y.

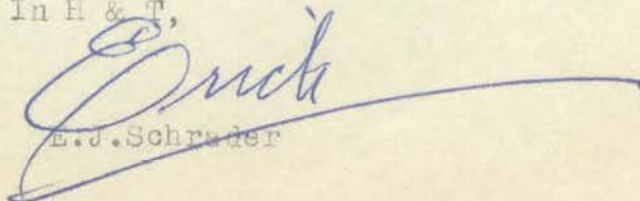
Dear Dexter;-

After my return from the Convention I received a check from Lota paying all the delinquent semi-annual dues for several years so that they are clear on my books. I found it difficult to get past officers to understand that the national fraternity could not collect dues from individuals and that we held the chapter responsible for such dues.

At the Convention in 1941 Lota came within one vote of being voted the best chapter. Had I been on the committee I would have voted for Lota because of the amazing improvement over several years at the chapter. The obvious reason was that several years previous some of the actives who did not belong to local social groups, made an arrangement with a local land-lady that they would keep her house full of students if she would let them use the parlors occasionally for meetings and rushing. This she was glad to do. It worked fine. The place was known as the Theta Tau house. Unfortunately the war ended this. Since that time over 90% of the actives have been social fraternity members and almost all the delinquents reported were such. In 1951 every senior graduating in June that was an officer of Lota failed to pay dues for the second term. The delegate informed me that something would have to be done. He said that it was almost impossible to get a man elected who was not a social fraternity member, and that some with very low scholarship had been pushed and elected when better students were available. I think he said that in this large chapter only 5 were not social fraternity members. Last December 10 members failed to pay dues for the first term including the Regent.

The organization has been distinctly mediocre since the end of the war. Gunther Helm, the delegate at Purdue is not a social fraternity man. He seemed to be an enthusiastic Theta Tau. He was very much disturbed by the situation at Lota. I would suggest a private meeting with him and with Joe Butler and perhaps some buddy of Gunthers and see what can be worked out.

In H & T,

  
E. J. Schrader

IOTA  
Vawter

February 16, 1954

Mr. Erich J. Schrader  
P.O. Box 244  
Reno, Nevada

Dear Erich:

I had first thought of writing you a full report on my trip after the completion but have decided it would be better to write a separate letter regarding each chapter while matters are fresh in my mind. These will not be inspection reports but a brief summary of my visit and I will try and confine them to one page. The Iota visit follows.

I arrived in Rolla Friday afternoon, Feb. 5. The chapter had their Anniversary celebration in the form of a banquet on Saturday evening. I contacted Joe Butler on arrival.

I met all of their faculty members while there and they were at the dinner. I neglected to write down their names so cannot recite them all. Dean Wilson also attended the dinner and, although he is a member of Sigma Rho, he takes as much interest in Iota as if he were a member.

The chapter has 33 active members at present and will lose 20 by graduation. I gave them permission to initiate up to 15 men this spring. They were practically all present at the dinner. They were able to pay for the dinner out of their surplus funds and that is about my check on their finances. The members of Iota are a good crowd and treated me fine. They take pride in being members of Theta Tau. My main criticism is that almost all are members of some social fraternity. I drew their attention to that and also talked about that and a few other points with Joe Butler. He takes a great deal of interest in the chapter.

Their Ritual is in bad shape with many loose pages. They need a new one. Their Constitution is worn but not bad. Their Chapter Roll has been properly kept in recent years and totals 732 initiates.

The chapter says they intend to send two cars to the Convention. They asked about the paying of expenses and I told them it would probably follow former years with full expenses for one delegate and local expenses for the alternate if he also attended. Joe Butler says he expects to attend.

The Regent is Gunther Helm who was the delegate to the Convention. They say they have a card index of alumni and it is in good shape.

Altogether it was a very pleasant visit.

In H and T,

cc: Hinckley

Jamison Vawter



*Hinckley*

March 23, 1954

Professor J. W. Howe  
210 Engineering Bldg.  
Iowa City, Iowa

Dear Joe:

I visited Epsilon on the 18th and 19th and had a nice visit with Erich. He came down to Berkeley from Reno and I had an opportunity to discuss several matters with him.

Erich got the impression from the last letter he received from Glass that the convention issue of The Gear was to be in addition to the regular spring and fall issues, making three this year. He feels, and I agree with him, that we cannot afford three issues. Last year the two publications cost \$4,725.00 and the total receipts from the endowment funds and general dues was \$3,779.00. He may have interpreted the letter wrong as I have been under the impression all along that this special issue was to replace one of the regular publications.

Erich suggests that the spring issue be used as a boost for the coming convention and the fall one be a commemorative issue giving all the history and articles from our founders and Past Grand Regents. This may not fit in with the work that has already been done and I see no reason for throwing in a monkey wrench and have no desire to do so. If you have already gotten out your spring copy and are planning this special issue to come out before the convention then I would suggest that the regular fall issue be omitted and the news of the convention be handled next spring, as usual. It could come out a little early.

The purpose of this letter is mainly to urge that our issues during these two years be confined to four. I have in mind not only the matter of expense but also the work involved as far as you are concerned. I do not see that you have time for more than that.

In H and T,

Jamison Vawter

JV:mp

cc: Glass  
Hinckley  
Hopkins  
Schrader

*Epsilon*

March 22, 1954.

Mr. Jamison Vawter,  
Urbana, Illinois.

Dear Jamison:-

I visited Epsilon chapter on December 11th and 12th, 1953. Unfortunately I lost my notes made that that time so had to wait until I could get the data again.

Epsilon has initiated 765 members, and has 29 actives. The roll was not in good shape as some initiations had not been witnessed and one man forgot to sign the roll. That is now corrected. They needed a new binder and more sheets and that also has been taken care of.

Ritual is worn and in fair shape, at least there are no loose pages.

The original charter is framed in the office of S.T. Welles chapter adviser. All the old Minute books, even the pre-Epsilon Minutes are in the office and there is a good 4 drawer steel filing case.

Dr. Welles appears to be an excellent adviser. The chapter has been in the dumps for several years as we know from the delegates to the last few Conventions, but now are back on the old track as you can see from attached program sheet.

I attended the initiation banquet at the Marine Memorial Union which was also the 50th birthday banquet. About 80 attended. Dr. Louderback and Frank S. Hudson, the real founders of Epsilon, were both there. I was pleased to see a considerable delegation from Psi chapter. Gamma was also represented. During the last ten years little was done to keep the alumni address records in shape so the chapter did not have the addresses of many alumni now in the Bay area. That is now being corrected as fast as possible.

On the whole I was well pleased with Epsilon. The chapter has a good group and as there is no opposition, they have no trouble getting all the men they want.

In H & T.

*Erich*  
E.J. Schrader.

cc-Hinckley, ✓  
Ex-Council.

*An excellent  
Regent &  
Treasurer*

C  
O  
P  
Y



FOR INFORMATION OF

*Epsilon*  
*Trickley*

May 4, 1954

Mr. E. J. Schrader  
P.O. Box 244,  
Reno, Nevada

Dear Erich:

It is a little odd that I should report on my visit at Epsilon to you, since you were there, but it gives me the opportunity to make my own impressions known, as well as supply a report for the Executive Council. This is a little late but there have been several interrupting factors.

I arrived in Berkeley on the afternoon of March 18 and met you, Dr. George D. Louderback (Past Grand Regent), and Samuel P. Welles (chapter adviser), soon after arrival. We had dinner that evening with twelve of their honorary and faculty members, namely: Byerly, Chaney, Crook, Curtis, Evernden, Kleinpell, Louderback, Pabst, Somerton, Trask, Welles, and Wisser. Wisser preceded Welles as chapter adviser.

We attended a meeting of the chapter after the dinner at which you and I both spoke on the affairs of the fraternity. The meeting was well conducted. On the 19th we had lunch with the chapter officers, Dr. Louderback, and Welles. We discussed chapter affairs after lunch and looked over chapter records both before and after.

They have Ritual No. 45 and while there are no loose leaves I would classify it as in only fair condition. Constitution No. 25 is in fairly good condition but, like most, is not up to date on amendments. The minute book and the treasurer's accounts are in good condition. They had a cash balance of \$154.48 as of March 8. They also have a building fund but I did not get the balance in it. They had 29 active members and a total of 765 initiates in the chapter roll which was in good shape with 69 blank pages for future initiates. The alumni file was fairly up to date and you made a few corrections for them. They intend to make plates for their mailing list.

Epsilon is a strong chapter and has excellent personnel. The fact that their membership is limited to mining engineers and geologists may contribute some to that strength. I have not been sympathetic with the idea of a chapter limiting their membership to a restricted category, I will say that it gives Epsilon a homogeneous group and they have thrived <sup>very</sup> well on it. I was informed by one of the officers that there have been one or two cases where men from other courses have been initiated and that in their group of prospective pledges there was one civil engineer and one mechanical engineer.



THETA TAU

Epsilon Chapter

CALENDAR FOR SPRING SEMESTER ..... 1954

- Mar. 18, 7:30 PM. Senior Men's Hall (campus)  
Night meeting with Grand Regent Vawter. Review calendar plans for semester. Make out rushing list. Collect dues.
- Mar. 23, 8:00 P.M. Kappa Sigma House, 2220 Piedmont  
First evening smoker, primarily a rushing function. Prof. Parker Trask will speak on "Flood controls in the Peruvian Andes".
- Apr. 8, 8:00 PM. Kappa Sigma House, 2220 Piedmont  
Second evening smoker with rushees. Prof. Perry Byerly will speak on "Earthquakes and Sea Waves". Some type of refreshment will be served at each smoker!
- Apr. 12, 7:30 PM. Senior Men's Hall, (Campus)  
Night meeting for the purpose of selection of pledges. Final date for paying of active dues for this semester. Preparations for field trip, initiation and banquet will be discussed.
- May 3, 12:00 M. Senior Men's Hall (campus)  
Noon meeting (hot lunch will be served) at which pledges will be present and will be informed of traditions, initiations and obligations. Committee reports.
- May 10, 7:30 PM. Senior Men's Hall (campus)  
Election of new officers. Banquet and field trip arrangements will be made.
- May 12, 7:30 PM. Hearst Mining Bldg. (campus)  
Informal initiation....!
- May 14, 5:00 PM. Hearst Mining Bldg. (campus)  
Formal Initiation.
- May 14, 7:30 PM. Marines Memorial Club, 609 Sutter, S.F. (tentative)  
Initiation Banquet. Social hour will precede banquet.
- May 15, All day field trip to the New Idria Mine, San Benito County, Calif.
- May 24, 12:00 M. Senior Men's Hall (campus)  
Installation of new officers.
- May 28, 9:00 PM. Party-dance tentatively scheduled; to be discussed during semester.

P.S. The success of these functions depends on your attendance.

In H & T,  
R. C. Epis, Regent