

Institutional Affiliate of American
Congress on Surveying and
Mapping

The California Surveyor

THE VOICE OF THE LAND SURVEYORS OF CALIFORNIA

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1970

PRESIDENT'S MESSAGE

Robert W. Curtis

It has recently come to my attention that we, in the Land Surveying profession, are still faced with a problem as old as the profession itself. I'm referring to "Week-ending" or, if you prefer, "Moonlighting." In either case, the practice is a black eye to our profession.

In my opinion, the Moonlighter is a cheat. He cheats the client, he cheats his employer and he cheats the profession. To begin with, the proper basis for any survey is *research* and on this point I believe the research must be performed by the surveyor doing the actual survey. Who else can properly judge when he has enough proper information with which to perform the survey? Pray tell, when will the Moonlighter do the research considering all areas normally providing the needed information are only open 8:00 a.m. to 5:00 p.m., Monday through Friday. Lunch-hour searching is simply ridiculous. Therefore, the Moonlighter is cheating his employer. If he doesn't do a proper search, he is cheating the client. Under the circumstances, I suggest most moonlighters simply do not do a proper research.

So now to the field! I wonder whose equipment this paragon of our profession is using? Being in private practice, I can say with some authority that the days of needing only a beat-up transit and patched chain are long gone, except for the moonlighter that is. While the entire profession is working to develop higher standards of practice in all areas, our moonlighting friend has the whole operation in reverse!

Well now, let's get the job on the table. How often upon proper analysis we find we need to return to the field to check a tie or look for additional information, or, for that matter, any reason at all. The moonlighter, of course, finds this out some evening after his (normal?) days work. At this point, he must wait until next week-end or forget it and go ahead with the job. You guessed it, after all the Moonlighter was hired because he promised he could do a cheap job. *No doubt about it.* Next week-end it's back to the field to set the final stakes.

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LEGISLATIVE COMMITTEE

Richard J. Stephan

Meeting held in Suite 900, 11th and L Building, Sacramento, May 2, 1970.

ATTENDANCE: Andy Oppmann, Hank Young, John Snell, Paul Lamoreaux, Larry Cloney, Earl Cross, Joe Scherf, Ross Armstead, Chuck Wooldridge, Ed Griffin, Ed Boris, Gene Lockton, Dick Stephan.

CURRENT LEGISLATION: The following bills are dead for this year: SB 19, SB 294, SB 395, AB 1271. The status of all other bills of interest remains the same with action required as follows: (1) Jack Snell to write a letter concerning AB 2088, public access to public resources. (2) Since AB 1239 had passed the Assembly it was decided to send a letter to all

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BOARD OF DIRECTORS MEETING MINUTES

Jim Adams

The CLSA Board of Directors met at Hill House, Bakersfield, on April 18th, 1970. President Bob Curtis called the meeting to order at 10:20 AM.

Attendance:

President, Robert Curtis Present
 Vice President, George Colson Absent
 Secretary-Treasurer, Jim Adams Present
 Director, R. Armstead Present
 Director, E. Boris, Jr. Present
 Director, E. Foster Present
 Director, W. Gentry Absent
 Director, C. Wooldridge, Jr. Absent
 Past President, H. Schumacher Absent

Representatives:

Bakersfield, Ward Present
 East Bay, Barbee Present
 East Bay, (Seiji) R. Watson Present
 Lake/Mendocino, Scherf Present
 Marin, Lockton Present
 Monterey Bay, Darling Present
 Northern Counties, Burton Absent
 Sacramento, Redding Present
 San Joaquin, Kulhan Absent
 Santa Clara/San Mateo, Cloney Present
 Santa Clara/San Mateo, Gribbin Present
 Sonoma, (Coughlan) R. Stephan Present
 Southern Counties, Henstridge Absent
 Mother Lode, Pedri Absent

Non Voting Members:

Gene F. Hershberger, Bakersfield; M.O. Brenn, Bakersfield; Homer Banks, Sacramento.

The minutes of the previous meeting were approved as mailed.

President's Report

President Bob Curtis reported that the bitter opposition the South California Chapter of ACSM to CLSA Bill 2296 was made known to the national level of that organization and they were appalled at the lack of cooperation. The policy statement mailed with the agenda was a result of this situation.

Bob also advised that Ray Peters would like some sort of response from the Association on as to whether the Board of Registration should require CE's to take the second half of the LS Exam in order to perform surveying work. It was the Boards decision that Don Ward will contact Ray Peters and ask him to pose specifically in writing what questions he wants answered and formulate response.

Bob pointed out that as an association we are growing rapidly and that some executive committee must be formed to make decisions on the state level so that there need not be unnecessary delay for Board meetings to take place. The committee will consist of President, Vice President, Secretary-

Treasurer, and the five Directors at Large and Immediate Past President to act in emergency situations.

Secretary-Treasurer's Report:

Jim Adams gave a brief review of his written report (sent with agenda). It was agreed that items on the budget would be subject to revision as requirements are determined. However, the budget was temporarily approved as submitted.

The Board directed Gene Foster to contact the ACSM regarding the career brochure to advise them that the Association received only 250 copies and would like the balance prior to ordering more at cost.

Bob Curtis designated Committee Chairmen as follows:

Legislative Dick Stephan
 Interprofessional Relations Don Ward
 Publications Dick Coughlan
 Education Gene Foster
 Constitution & By-Laws Bob Jacobson
 Public Relations Gene Lockton
 Fiscal & Administrative George Colson
 Membership Larry Cloney
 Nominating Bill Gentry
 Liaison w/Government Jim Dowden

Committee Reports:

Legislative: Supplementing his written report, Dick Stephan pointed out that time is very short even for preparation for next year. It was moved and seconded that a letter be sent the Board of Registration to advise them of the associations intent to integrate the proposed amendment to the Land Surveyors Act which would allow for a Surveyor in Training Certificate in our next legislative effort. Approved. Dick was directed to write such letter, so that it will be received prior to publication of the Spring Edition of the California Surveyor which will also carry the notice.

Interprofessional Relations: Don Ward reported in conjunction with the Legislative Committee. He advised that the California Council Board directed its president to appoint a committee to meet with a similar committee from CLSA. Their committee is composed of Harold Musser, Chairman, E. Lee Scott, Walter Hanna, Jr., and Timothy S. Train, to discuss not only our bill but the proposals that have been generated in the Council. This meeting will hopefully take place in the next few weeks. Council has indicated that they prefer that we not pursue legislation, but rather work within the structure of the Board of Registration and improve the educational opportunities at the university level. Don feels that the Board is aware of the problem and is working to solve it. Our direction should be to investigate the mechanics of the Board of Registration to see how we can devise a program under that structure that will effectively remove "the exemption." Don has a sub-committee investigating how to go about getting the job done. In conjunction with this, we must find out what the land surveyor really does. The questionnaire approved at the last meeting must go out. Ed Griffin is working on it and it should be ready in a few weeks.

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BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Logan Muir

The California Board of Registration for Professional Engineers has felt that the discontinuing of the Newsletter, because of fund limitations, following the April 1967 issue, left a gap in the communication channel between the Board, as an official agency of the State of California, and the engineering profession that should be filled at the earliest possible time. As a result of the Board's determination to re-establish communications, the Newsletter is again being published. The purpose of the Newsletter is to bring to the registered engineer current factual information relating to Board activities and changes that affect the engineering profession.

RENEWAL

You are reminded that your renewal application is due back in the Board's Sacramento office by the last day of June, 1970, although there is a one-month grace period, until July 31, 1970, during which registration may be renewed without penalty. We earnestly request that each applicant insure that his renewal application includes his Zip Code as part of his address and that he indicates on the application, in the space provided, whether or not he desires to receive the Roster. RENEWALS MAILED IMMEDIATELY ON RECEIPT OF STATEMENT ARE NOT FORGOTTEN.

SUPPLEMENTAL ROSTER

We have had several inquiries concerning the publication of the 1969 Supplemental Roster. Because of technical difficulties, the State Printing Plant was unable to complete our Roster prior to the date the Legislature convened. During the time the Legislature is in session, its requirements have priority, so we are unable to forecast when our Roster will be completed.

ENFORCEMENT

So far this fiscal year, which started July 1, 1969, the Board, after Administrative Hearings, has revoked the registration of one civil engineer for incompetency in his practice and of one civil engineer for violation of contract. One civil engineer has had his registration suspended for 30 days for failure to file Records of Surveys. This suspension was stayed on condition of probation requiring compliance with all laws and rules administered by the Board. One civil engineer received a letter of reprimand with the provision that he would refrain from the practice of building design until he presents to the Board additional evidence of competency.

During this period, the Board has referred eight cases to the District Attorney in various counties for misdemeanor violations. These persons were not licensed. The alleged violations include illegal practice of civil engineering, electrical engineering, mechanical engineering, illegal use of a civil engineer's seal, and illegal use of the titles "Civil Engineer" and "Consulting Engineer."

BLOOD ACCOUNT

IN MEMORY OF PHILIP B. LYGREN

Eugene Lockton

The Marin Chapter, now has an account of 7 units with the Irwin Memorial Blood Bank. It is to be hoped that in the immediate future, all CLSA groups will initiate a similar program.

The need for whole blood in open heart surgery on one of the Chapter members was requested on the morning of April 29 and by nightfall thirteen members had responded. The warm spirit of helpfulness, engendered by the giving of one's blood for another, was turned to sorrow three weeks later with the passing of Philip B. Lygren, LS 2941, CE 10059. To perpetuate the memory of a comrade and a truly professional surveyor, the fund will carry his name. Access to the fund is at the discretion of the local chapter and requests are processed through Faith Griffin, Secretary, Engineer Field Services, 1414 Fourth Street, San Rafael, CA. 94901.

Lest over-emphasis be placed upon generosity in this or any other contribution to the community welfare, let it be borne in mind that those who would wear the mantle of professionalism must share its burdens. Phil more than carried his in many areas of activity and well deserved the great respect he held in his community. He earned it by giving a little more than he had to at all times, — the professional's creed.



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Publications: George Colson sent word that he questioned the desirability of continuing to send "California Surveyor" to all LS's and that perhaps it had served its purpose and the additional cost was unwarranted. Ed Boris, Editor, said that in order to obtain advertising, which will bring in substantial revenue, we almost have to continue the entire list of LS's. Advertisers are not as interested in only 350 as they are in reaching all LS's. Ed also stated that he did not think the Surveyor will have done its job until the exemption is removed.

Ed reported that he has obtained the services of a professional cartoonist. The originals of these will be offered for a donation of \$25.00 each on a first come, first serve basis.

Constitution & By Laws: Bob Curtis reported in the absence of Bob Jacobson, that he, Curtis, traveled to Tahoe as the President of the Association to a meeting of 9 or 10 members at which time they formed committees to initiate action for forming a chapter. Their charter should be submitted shortly.

Public Relations: Gene Lockton presented a suggestion that had been brought to his attention, i.e. selecting a Surveyor of the Year. This would have to be carried out on the local level in order to obtain maximum publicity. After some discussion, Tom Gribbin moved that Gene prepare criteria for selecting the individual so that all chapters could work from the same basic concept. Motion seconded and approved.

Ed Reding noted that there is a Career Expo in Sacramento which offers an excellent opportunity for public relations at the high school level. Ed feels that all chapters should investigate similar opportunities at the local level. He also suggested that the Association look into a booth at the State Fair. It may be a little late this year, but not necessarily impossible. A 10' x 10' booth for the duration of the Fair is \$500. The question is again funds. The Board requested that the Sacto Chapter check further into the details to see what could be worked out, keeping in mind that possibly some of the exhibitors might help defray the cost. If it appears feasible, Sacto should submit the plan to the Executive Committee for approval.

1971 Convention: Gene Foster reported that the convention will be held May 20-22, 1971 at the Caravan Inn, Sacramento.

George Darling submitted a report on this year's convention. It contains recommendations for ensuing conventions.

Bob Curtis pointed out that the Board is now open to entertaining offers for the site of the 1972 convention.

Chapter Reports:

Marin: advised that their next meeting will be May 13th, Wednesday, held in Southern Marin, probably at Sabella's, with guest speaker Ray Peters. Other members are cordially invited to attend.

INTERPROFESSIONAL RELATIONS COMMITTEE

Don Ward

This committee has been directed by the Board of Directors to establish contact with interested organizations to work out problems of mutual interest relative to legislation designed to improve the Land Surveyors Act for better protection of the public interest.

The committee has met with joint committees of the following: California League of Cities, County Engineers Association, ASPE, CSPE, ACSM, CCCE&LS and LCPE (Chairman & 1 member)

Conclusions & Recommendations:

1. Any further attempt at legislation such as AB2296 will be met with certain resistance.
2. Future legislation should be directed toward provisions to allow the Board of Registration to effectively accomplish the same purpose as AB2296.
3. Closer liaison between the Board of Registration and CLSA should be established.
4. A committee should be established to study the laws, rules and procedures of the Board to do the following:
 - a. Determine ways to use existing legislation to change policy, rules, examinations, and minor legislation to fulfill the purposes of CLSA.
5. Pursue the questionnaire to determine the professional activities of members of CLSA.
6. Direct the Legislative Committee to:
 - a. Review and report on the legislative form of Plan A which has been prepared by the CCCE&LS.
 - b. Study and write a proposed bill that would include land surveying as a separate branch of engineering under the Professional Engineers Act together with a plan that once the above was done,

How the Board of Registration can change policy, rules, examinations and enforcement under present law to fulfill the purposes of CLSA.
 - c. Study and write a proposed bill that would modify the Professional Engineers Act to allow civil engineers to practice land surveying incidental to engineering projects and modify the Land Surveyors Act to allow land

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East Bay: Gil Barbee advised that their chapter is planning a booth at the Fall 1971 meeting of the ACSM to be held in San Francisco. East Bay will welcome the aid of any other members or chapters. Contact Ed Griffin for details.

San Mateo/Santa Clara: Tom Gribbin announced that their Chapter now has 40 members and anticipates having another representative by the time of the next meeting of the Board.

President Bob Curtis stated he would be happy to attend any Chapter meetings upon request, preferably on weekends.

It was moved and approved that the next meeting of the Board be held July 18th, at the Holiday Inn, Oakland.

PRESIDENT'S MESSAGE Continued from Page 1

If there's not enough time to finish the job on Saturday, there's always Sunday. That's what I call really putting the profession before the public. The people out for their Sunday drive can get a first-hand look.

At last we come to the map. The record of what was found and set, perhaps the most important single step of the survey, because right or wrong it's done and the future surveyor *must* have this information. Does he file a Record of Survey? Most likely not, after all this will cost more money, and it will place his name before the profession as a Moonlighter. I suggest the map, like the entire survey, will be subprofessional.

Besides performing in a subprofessional manner, the Moonlighter often competes with the private practitioner on the basis of price, contending he can do the job cheaper and we all know what a "cheap survey" is worth. Moreover, it costs the private practitioner a great deal just to open his doors each morning, costs the moonlighter laughs at, such as office space, equipment, salaries, taxes, insurance, etc.. Speaking of insurance, I wonder if the Moonlighter carries Workmen's Compensation and Errors and Omissions Insurance?

What about the poor client, what recourse does he have against Mr. Moonlighter who hasn't the proper insurance or business equity to back him up. Sure Mr. Moonlighter can lose his license if he makes a big enough mess, but that still doesn't help the poor client. If our friend works for a surveying or engineering firm, I wonder if some smart lawyer wouldn't come the firm in a suit. After all, he is after money, which most Moonlighters appear to be short of. The firm may not have any responsibility, but they will have to pay to prove it.

In conclusion, I consider Moonlighting subprofessional and in some cases even dishonest. Any public agency, firm or corporation that knowingly permits their employees to conduct such a practice, are doing a disservice to the public, themselves and the profession.

LEGISLATIVE Continued from Page 1

Chapters informing them of the status of the bill. A check with the Secretary-Treasurer revealed that this method of informing the membership had not been tested. Due to the urgency of the matter the chairman decided a general mailing to all members was in order.

Our committee was contacted by the ACSM Joint Northern - Southern California Section Meeting program committee regarding the participation of Andy Oppmann in their program. They want Andy to act as author of a bill in a skit which is to demonstrate how an Assembly committee considers a bill. Andy agreed to accept the invitation. It was the feeling of the committee that AB 2296 should not be the bill to be considered in this skit. It was suggested that the Model Law would be better.

PROPOSED LEGISLATION: A motion was made and passed to adopt the philosophy of the Model Law as our next legislative approach, to be called The California Model Law. The mapping portion of the Land Surveyors' Act and a cut off clause must be integrated into the Model Law. A subcommittee of Jim Adams, Ed Griffin, Don Ward, Paul Lamoreaux, Dick Stephan, under the Direction of Chuck Wooldridge was formed to prepare the legislation.

A motion was made and passed to send our new legislation along with supporting data to interim study. A resolution must be submitted to the Assembly Rules Committee requesting interim study. It will probably be assigned to the Assembly Committee on Commerce and Public Utilities. Mr. Oppmann will attend the next Board of Directors meeting to explain interim study to the Board.

A motion was made and passed to negotiate with Mr. Oppmann for his services for interim study. This must be authorized by the Board of Directors at the July meeting. Andy advised that the job could be done without his services.

It was decided to ask Don Ward to attempt to simplify his questionnaire if possible and send it to all land surveyors. Also he was requested to have the results by the July Board meeting.

It was decided to print the information portfolio at its present stage of development and mail it to all land surveyors. Other sections will be added as they are completed.

The letter from Restoration and Remonumentation Committee of the Land Surveys Division, ACSM will be answered by Ed Griffin.

The next meetings of the Legislative Committee will be on July 11, 1970 in Oakland.

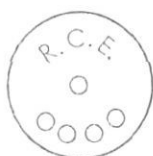
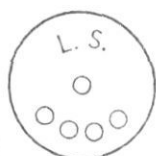
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COMMENTS AND LETTERS, From In, Out and Around

Dear Don Ward:

The Interprofessional Relations Committee has been active in the past year with an interchange of ideas between the various professional societies. Most of the options open to C.L.S.A. have been re-hashed many times over so lets do it once again.

It is evident that our first option is as follows:

1. a. Work within the powers of the Board of Registration.
- b. Attempt to raise the educational opportunities at the College level.
- c. Maintain the status-quo and depend upon the ethics of all parties concerned to protect the public interest.

It is quite evident that the Civil Engineering Societies would prefer that we follow this course. Discussions with the members of ASCE in Sacramento and the speeches in Santa Cruz — particularly that of Mr. Jurkovich — indicate that they insist that we do so. They feel that the sheer weight of numbers (13:1) would not leave us much choice. In the interests of the people of California, let us examine these items individually.

- a. To use the power of the board would assume that it has adequate investigative powers and that members of the professions involved would prefer the necessary charges of malpractice. It is simply not possible for the small staff of investigators (I believe four or five in number) to properly investigate and prepare the cases for hearings and it is not probable that the staff size would be increased in this era of economy of government. The heart of this matter, however, is man's natural hesitancy to "squeal" on his fellow man. To often it is easier to just look the other way and not get involved.
- b. We have been told by the engineers to raise the educational standards and opportunities at the college level. This could almost be considered laughable if it was not so serious. The educational society can only establish courses when there is a demand for them. There can be no demand by the students when they are not required to take surveying as part of their engineering curriculum. There can be no demand for these courses as long as engineers are permitted to survey without qualification. There can be no demand as long as there is no legislation requiring qualification.

The population of the engineering colleges is declining yearly, as students see that the prestige and money lies in the field of social planning and environmental planning as well as political and business management. Why take four to five years of difficult engineering courses when four years of social and liberal arts courses will permit them to hire the engineer to perform the technical work. In this climate it is foolish to think that you could interest a student in any surveying class that he does not need in the first place.

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*I think — therefore
I am —
a ~~surveyor~~
engineer?*



IDENTIFY THE SURVEYING C.E.s

Eugene L. Foster

"Recognizing that the true merit of a profession is determined by the value of its services to society, the California Land Surveyors Association does hereby dedicate itself to the promotion and protection of the profession of land surveying as a social and economic influence vital to the welfare of society, community and state."

The above quotation is the Preamble of the California Land Association and I assume that would include a great number of civil engineers who are practicing land surveying. How do we know who they are? The Board of Registration is no help because there is no requirement for them to identify those civil engineers who are practicing land surveying. And yet, they are bonafide land surveyors, practicing under the exemption contained in Section 8731 of the Land Surveyors Act.

With respect to the disagreement as to the construction of Section 8762 (a) of the Land Surveyors Act, Robert Sullivan of the Attorney General's Office has suggested that "it would seem evident that legislative clarification should be sought." It is very possible that disagreement exists as to the construction of Section 8731 of the Land Surveyors Act and I believe it should be amended so that only Civil Engineers registered prior to July, 1, 1971, who can submit evidence satisfactory to the Board that he is qualified to practice land surveying be issued a land surveyor license. This would remove the registered civil engineers who are not interested in practicing land surveying and would identify the civil engineers who are practicing land surveying.

PREAMBLE

CCCE&LS "PLAN A" BILL

Plan A is a proposal to amend the Engineer and Land Surveyors Acts:

1. To grandfather all land surveyors as civil engineers,
2. To grandfather all civil engineers who meet minimum requirements as land surveyors, and
3. To require all future land surveyors to be qualified first as civil engineers then as land surveyors, much like qualifying for structural authority at the present time.

Plan A gets its name from being the first of seven alternatives examined by the Consulting Practice Committee of the California Council of Civil Engineers and Land Surveyors in 1969. The Committee was studying licensing structure for the regulation of land surveying practice.

The final report of the Committee was a joint report of the Consulting Practice Committee and the Academy of Surveyors Committee rendered April 26, 1969. The two committees had met jointly April 25 and by a vote of 9 to 6 endorsed Plan A.

The report was received on April 26 by the Board which then instructed the Legislative Committee to draft the plan in bill form. This then is Plan A in bill form.

Dear Mr. Jack Y. Long:

This is in answer to your inquiry regarding our Civil Engineering requirements in the way of land surveying on the University of California campuses.

No land surveying is taught at any of the campuses of the University of California, nor is there any land surveying required in order to obtain a degree in civil engineering.

The Department of Civil Engineering at the University of California at Berkeley requires one lower division course in Engineering Survey Measurement. The engineering department at Davis also requires this course. These are the only requirements in the entire University of California system.

The Department of Civil Engineering at the University of California at Berkeley offers as elective courses, the following:

- CE 100 – Control Surveys
- CE 101 – Elementary Photogrammetry
- CE 102 – Route Surveying
- CE 105 – Geodesy
- CE 287 A and B – Analytic Photogrammetry
- CE 288 A – Stereoscopic Plotting Instruments
- CE 288 B – Stereotriangulation and Adjustment
- CE 289 – Adjustment Computations

None of the other campuses of the University of California, with the exception of the course at Davis mentioned above, teach anything related to surveying or photogrammetry.

I hope this will be of help to you.

Sincerely yours,
Francis H. Moffitt
Professor of Civil Engineering

TENTATIVE MAPS

Don Ward

The subdivision of land is a process of American life that exists because citizens of the United States can hold and use real property. It is a process that has its roots in the fundamental instincts of man to control territory. One need only to look at any city or county in our country and see the lots with individual houses and fenced areas to appreciate how basic and powerful this instinctive drive is.

The Subdivision Map Act came into existence because it was found necessary by men of vision that the normal process of writing descriptions for the transfer of land title was a laborious, inefficient, costly and too often carelessly-done process, and needed reform. A map showing such a division of land with parcels delineated thereon, numbered, dimensioned and carefully controlled, with proper survey points established in the field, was the accepted solution.

Also involved with the division of land and directly a result therefrom was the need to provide easements of travel and use for utilities which was for the good of the general public as well as the future lot owners of the newly-divided land.

The Subdivision Map Act also is an enabling act for the respective governing bodies in which the subdivision of land lies, to enact regulations and standards in order to require the subdivider to bear the burden of construction and maintenance costs of the roads and easements being accepted for public use which might otherwise become a burden upon the general public.

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On a moonlit night it does get a little crowded.

The Tentative Map is for the purpose of showing the lot and street design in relation to the boundaries of the ownership and to the surrounding area. It is intended to show the parcels of land which will be transferred for private use and the easements and rights-of-way which are intended to be offered for public use and acceptance by the governing body. Primarily it is a form of agreement of intent between a subdivider and a governing body that states "We, the subdivider, should we decide to proceed with a Final Map, agree to improve the easements and rights-of-way offered for dedication" and "We, the governing body, agree, should the subdivider elect to proceed, that we will accept the dedications for public use of all easements and rights-of-way therein offered for dedication and improved or agreed to be improved, to our standards."

The landscape architect and the architect have expressed their desire to participate in this process. The landscape architect claims that since his background of education has given him an insight into conceptual design, human use and enjoyment of the land, he then is qualified to design tentative maps. He further claims that he is not interested in surveying, final maps, maps of record, or engineering design.

The architect claims that their education and background of training qualify them to do planning sites. He sees the tentative map as the planning of sites for buildings and, since his bag is buildings and structures and their functional design

for human use and enjoyment, he is qualified to do tentative maps.

There is no argument against the landscape architect that he has an ability to create designs and deals primarily with the land. Nor is there an argument against the architect that his abilities lie with buildings and building sites. It is difficult for me to understand how these abilities give them an expertise in the subdivision of land.

A tentative map is an instrument upon which a great many organized areas of our society are dependent. There should be some assurance that the design of the tentative map, in all of its form and impact upon these areas, will result in a workable reasonable final map with the proper improvements, commensurate with the area in which it is situated.

Land use planning, land boundaries, land titles and transfers, utilities, flood and drainage control, sanitation, sewerage, water supply and distribution, earthwork, traffic circulation, tax collection, financing, schools, shopping centers, churches, zoning, recreation — all have a place on the tentative map.

What would conceptual planning be worth if it does not include consideration of all of the above?

What worth would building sites have if they did not have traffic circulation, flood and drainage control, or any of the other important aspects of the subdivision of land?

The tentative map is far more important than a mere conceptual design on a building site, and should be left to the engineers and surveyors who can bring all of these disciplines into proper focus.

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C. The engineering profession wants the land surveyor to maintain the status-quo — or, “don’t rock the boat.” The example of a well organized group “rocking the engineers boat” and getting what they wanted can be seen in the recent efforts of the Landscape Architects.

The engineering profession wants ethics to control the endeavors of the professional within the limits of his ability. This was generally successful in past years during the period when most of the current engineering professionals grew up. These are not the people that we should be concerned about. Rather, all of us should realize that the general moral tone and the values such as ethics are now being considered and taught in a different light. I am not at all sure that the ethics of the current graduate will prevent him from performing outside of his abilities. It has been said that “ethics go out the window as the stomach gets emptier,” and it does take more to fill a stomach today than in years past.

2. The second option would be to accept and work with C.C.C.E. & L.S. for the implementation of their so called “Plan A.” This generally would not harm the present society of land surveyors and, in fact, our group would welcome such a change in title. We could remark that “Yesterday I could not spell Inginer and now I are one.” That is certain to be the reaction of the engineering societies and the basis of their opposition which is sure to come. I, for one, recognize the fact of life that I am not qualified to design a bridge or other major engineering structure but I can prove to anyone’s satisfaction that I am a professional land surveyor. We should all recognize that we have a profession that we can be proud of. We have many problems but these can be met and the profession upgraded until allied professionals no longer speak in the condescending manner so evident today. Let us not lose our indentity by absorption by another profession.

3. The third course of action is continued legislative effort similar to AB 2296. No matter what action is taken we must expect active opposition from the engineering societies. Even the Mechanical engineer at Sacramento was opposed to our efforts. I believe that our efforts must be concentrated in proving to the legislators that the consumer — the public — is exposed to the unqualified practitioner. Do not attempt to prove that the present engineering profession cannot perform satisfactory land surveys because many of them can and do so. Rather, lets concentrate on proof to the legislator that the future engineer has no means to become trained even if he so desired but still will be permitted to practice with probable harm to the public. Our new legislative advocate mentioned that the legislature is very responsive to consumer problems so I believe that we should take advantage of this trend.

By concentrating on the future engineer, we still have the present 13,000 Civil Engineers who are exempt from licensing.

I propose that they be given a period of six months or at most one year to file for licensing as a land surveyor. I propose that we request the State Board of Registration that the filing fee for this “grandfather” act be set at a sum large enough to discourage those who would only have a frivolous interest in obtaining a license. After the close of this period, only those who pass the land surveyor’s examination would be permitted to practice.

Once this point had been reached it would guarantee that the demand for surveying education would begin. It would eventually lead to curriculum with a B.S. in Land Surveying. So let us stand on our own feet with our own identity rather than seek to be accepted by those who will not see us as equals.

Yours very truly,
CHARLES N. HATHAWAY

I.P.R. COMMITTEE Continued from Page 4

surveyors to practice engineering incidental to the land surveying projects.

d. Study and make recommendations on present law governing Board of Registration whereby land surveyor is civil-engineering, hence land surveyor could apply for registration as civil engineer based upon his experience as land surveyor, and to put into civil engineer’s exam an option on land surveying.



I see we are having a survey party today.

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It shall be considered professional and consistent with honorable and dignified professional conduct for any member of the California Land Surveyors Association:

1. To devote effort and support programs to raise the professional, ethical and social status of Land Surveying.
2. To maintain a campaign for public recognition of professional contribution to the ethical, economical and social well-being of citizens of California and of the United States.
3. To accept and maintain standards of professional conduct of the highest order to win the respect and admiration of all citizens.
4. To protect the profession of Land Surveying and the public against the unqualified.
5. To promote an effective program of exchange, communication and cooperation amongst its professional members.
6. To maintain a constant effort of understanding between professionals in government service and private consulting, recognizing the common aims and philosophies and mutual respect of the professional society.
7. To promote and stimulate leadership in public service on a community, state and national level.
8. To promote and maintain an effective and continuous program of expanding our knowledge of social and technical advances.
9. To protect the professional reputation, prospects and practice of another professional with the same vigor and determination as he would his own.
10. To manage his professional ethics with the courage to uphold his integrity over all other considerations.
11. To publish thoughtful and subdued public announcements free from ostentatious complimentary or laudatory implications. Professional cards, brochures, posted projects, press releases of worthy news items and project participation notices are acceptable forms of public announcements.



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