

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
March 16, 17, 1967

The meeting of the State Board of Technical Registration was called to order by Mr. John Girand, Chairman, in the Banquet Room of the Holiday Inn, Tucson, Arizona, at 10:10 A.M., March 16, 1967.

PRESENT

John Girand, Chairman
Emerson C. Scholer, Vice-Chairman
C. W. Dryden, Secretary
Howard S. Coleman (arrived 11:00 A.M.)
Carl T. Eyring (arrived 10:50 A.M.)
N. R. Feldman
Kemper Goodwin
Andrew B. Marum
M. L. Vanlandingham (absent 3/16/67, present 3/17/67)
Anthony Mason, Asst. Attorney General

ABSENT

It was moved by Mr. Scholer and seconded by Mr. Goodwin that the minutes of the meeting of the Board on December 1 and 2, 1966, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

It was moved by Mr. Goodwin and seconded by Mr. Marum that the minutes of the Executive Committee meeting, held December 10, 1967, at the Francisco Grande Hotel, in Casa Grande, be approved as presented. Motion carried.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Dryden reported on the progress of the Rules and By-Laws Committee since the Casa Grande meeting of December 10th and the study being prepared by Mr. Feldman. Mr. Feldman presented two copies of his study to each of the members suggesting that they study the report and prepare comments, remarks and desires regarding a more comprehensive review and proposed improvements of the Code, Rules and By-Laws. After receipt of the comments of the individual members, the committee will make a final report at the next meeting. Mr. Dryden suggested that a combined meeting of the Rules and By-Laws and Legislative Committee was in order before the final report. It was moved by Mr. Dryden and seconded by Mr. Marum that the interim report and study by Mr. Feldman be accepted. Motion carried.

Mr. Dryden and Dean Coleman reported to the Board on requests of a change to Rule I, GENERAL RULES, A.2 which suggests the adding of a Geophysical Engineering category. It was moved by Mr. Dryden and seconded by Mr. Scholer that necessary action be taken advertising the proposed Rule change to add Geophysical Engineering after a formal hearing at the June meeting of the Board. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Goodwin reported on the interim studies of possible legislation and reported the continued assurance by the Arizona Society of Professional Engineers of their interest in the affairs of the Board and their desire to work with the Board.

Mr. Girand reported on the Ad-Hoc Committee of the Arizona Society of Professional Engineers and the Board of Technical Registration concerning legislative and other matters, and announced that he had appointed Mr. Kemper Goodwin and Mr. C. W. Dryden to be the Board's members on this Ad-Hoc Committee. It was moved by Dean Coleman and seconded by Mr. Feldman that the reports of Mr. Goodwin and Mr. Girand and the appointments of Mr. Goodwin and Mr. Dryden to the Ad-Hoc Committee be accepted. Motion carried.

The Chairman opened discussion on the new conflict of interest laws and rulings questioning whether a member of this Board who operates as an engineer doing consulting work for other State agencies would be technically involved. It was moved by Mr. Dryden and seconded by Dean Coleman that an opinion be obtained from the Attorney General's office questioning if members of this Board who act as a consultant to the other State agencies would be in violation of other Statutes. Motion carried.

Mr. Allison C. Dow, State President of the Arizona Society of Professional Engineers, accompanied by Mr. Richard Guthrie of the Central Chapter; Mr. Bill Ferguson of the Cochise Chapter; and Messrs. Larry McKinney, Louis Fäscel, E. D. Herreras and Ed Smith of the Southern Chapter, appeared before the Board at 2:00 P.M., Thursday, March 16th, as previously scheduled. Mr. Dow read the following letter to the Board, Minute Page 1991, and an informal discussion followed. Mr. Guthrie then reported to the Board on the first meeting of the Ad-Hoc Committee, as temporary chairman, indicating that the next meeting was scheduled for March 23rd. Discussions of mutual interest by the groups continued until 3:00 P.M. and the Chairman thanked all present for their attendance and interest, assuring them that harmonious relationships between them and the Board on the matters discussed would be continued.

REPORT OF THE EXAMINATION COMMITTEE

Letter of request by Wesley G. Nelson, architectural applicant, requesting review of his Architectural Design examination for December, 1966, was presented. The Architectural Committee reported that a review of this examination indicated no change in his grade was recommended. It was moved by Mr. Goodwin and seconded by Dean Coleman that the report on Mr. Nelson be accepted and he be so notified. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Scholer that the architectural examination grades as presented on Minute Pages 1992, 1993 and 1994 be accepted. Motion carried.

The Engineering Examination Committee reported on requests for re-review of Examination, Part 4, Civil Engineering, by John C. Pape, Robert C. Potts and Carroll G. Talbert, and that the re-review of these examinations indicated a passing grade should be assigned to each man on the questioned portion. It was moved by Dean Coleman and seconded by Mr. Dryden that the report of the Examination Committee, reflecting passing grades for Messrs. Pape, Potts and Talbert be confirmed and the individuals so notified. Motion carried.

It was moved by Mr. Dryden and seconded by Dean Coleman that the engineering examination grades, Minute Pages 1995, 1996, 1997, 1998 and 1999, were now ready for certification by the Board and recommended that they be so certified. Motion carried.

It was moved by Dean Coleman and seconded by Mr. Dryden that those applicants who have completed the written examinations be held for the personal audience requirement. Motion carried.

ARIZONA SOCIETY OF PROFESSIONAL ENGINEERS

01991



March 16, 1967

State Board of Technical Registration
Suite 408, Guaranty Bank Building
3550 North Central Avenue
Phoenix, Arizona 85012

Gentlemen:

As President of the Arizona Society of Professional Engineers, I have been instructed by my State Board to discuss certain matters concerning the granting of Registration Certificates under the current Statutory Requirements which govern your Board.

As we are not aware of the proper procedure or protocol pertaining to this action I have requested an appearance before you at this meeting.

As has been indicated to this Board earlier, thru contacts and meetings with your chairman and the ASPE Registration Committee, The Arizona Society of Professional Engineers is deeply concerned with the current statutory requirements for legal registration in the State of Arizona pertaining to the various technical professions.

ASPE believes that the Public interest primarily, and the Profession's interest secondly, would be best served by commencing at an early date the revision of our Arizona Statute, Section 32 - pertaining to Professional Engineer Registration, in accordance with or as nearly practical to conform with the "Model Law" version as developed by the National Council of State Boards of Engineering Examiners, and adopted by the National Society of Professional Engineers.

It is our opinion that an "AD HOC" Committee, as proposed to review the present State Law on Technical Registration, and registration processes, with the goal of setting up Guide Lines for use by the State Board of Technical Registration at their discretion, would be more effective and desirable than a Joint Committee with SBTR and ASPE.

We thank you for the opportunity to appear before the State Board of Technical Registration and we offer any assistance that our Society of over 700 members can do to help improve the economical and Professional Status of the Engineer.

Sincerely,

Allison C. Dow, P.E.
President ASPE

ACD:mc

cc: Edward A. Smith,
Secretary of ASPE

ARCHITECTS		G History & Theory	D Site Planning	E Arch. Design	F Bldg. Construction	G Structural Design	H Prof. Administratio	I Bldg. Equipment	
64-305	Ballew, Thomas James	P	F	75	P	P	P	P	E
*66-80	Beadle, Alfred Newman	81	Ex	Ex	P	Ex	P	P	C
63-290	Brown, Gordon Vallance	P	F	F	P	P	P	P	
66-181	Brown, John Eldo	P	F	86	78	P	83	P	E,F,H
*65-178	Burlini, Alfred Hugo	P	P	82	P	P	P	P	E
66-64	Caviness, Richard Alan	P	F	P	P	P	P	P	
65-34	Ceton, Raymond Wallace	P	P	F	P	P	P	P	
63-529	Cipolla, Caesar Edward	79	F	F	F	F	F	80	C,I
63-36	Cole, Theodore	P	P	F	P	P	P	P	
65-209	Cook, Jeffrey Ross	P	P	F	P	P	P	P	
66-118	Cunningham, Lyle Ray	89	F	F	81	84	83	78	C,F,G,H,I
*64-42	Eley, William Russell	P	P	89	P	P	P	P	E
59-14	Fellows, Rushia Glen	F	P	P	F	75	P	P	G
63-296	Fiakas, James Gust	F	P	P	P	81	P	P	G
60-14	Freedlund, Lawrence H.	F	P	P	P	P	P	P	
65-263	Fulton, James Cooper, III	P	F	F	P	P	P	P	
66-249	Gabriel, Joseph M.	78	F	F	82	F	82	76	C,F,H,I
65-223	Gilleland, Joseph Ellsworth	P	F	91	P	P	P	P	E
66-241	Hansen, Stanley Warren	80	F	F	87	80	88	75	C,F,G,H,I
66-250	Hermann, Frank Josef	86	F	F	82	F	79	75	C,F,H,I
*64-286	Houvener, Robert Mason	P	P	P	P	80	P	P	G
64-98	Johns, Lloyd Lee	DNA	F	P	P	DNA	P	P	
63-90	Johnson, Stanley W.	P	F	F	P	F	P	P	
65-94	Kennedy, Bernard Thomas	P	F	82	P	F	P	P	E
66-227	Kulseth, John Roger	82	F	F	81	77	88	81	C,F,G,H,I

ARCHITECTS

		C	D	E	F	G	H	I	
		History & Theory	Site Planning	Arch. Design	Bldg. Construction	Structural Design	Prof. Administration	Bldg. Equipment	
65-231	Lo, Shiu Chi	P	P	P	F	P	F	F	
64-331	Long, Harold Leland	75	P	F	P	P	P	P	C
65-75	Lugo, Michael Angel, Jr.	P	P	F	P	P	P	P	
*65-245	McGrath, George Frank	P	81	Ex	Ex	P	Ex	P	D
61-67	Martino, Dom	P	P	F	P	P	P	P	
66-31	Nelson, Wesley Gary	P	85	F	P	P	P	P	D
*65-251	Norling, Kenneth Ronald	P	P	P	77	P	P	P	F
66-218	O'Dell, Kenneth Cecil	90	F	F	F	F	F	81	C,I
65-170	Ottenheimer, John	P	F	F	P	P	P	P	
64-210	Pace, Fred Rankin	P	F	P	P	P	P	P	
*64-109	Page, Norman Alvin	P	P	P	P	76	P	79	G,I
66-106	Palafox, Frederick A.	75	F	F	82	77	88	84	C,F,G,H,I
63-137	Perrell, Richard Conway	P	P	F	P	P	P	P	
*58-18	Richey, John H.	P	P	P	P	75	P	P	G
66-253	Rosslund, Willis Dean	F	F	92	77	F	85	77	E,F,H,I
64-259	Schutz, Charles Claude	F	F	F	P	F	P	P	
64-342	Seaboch, Donovan Lee	P	75	F	P	P	P	P	D
66-203	Shimels, Thomas Anthony	77	F	F	77	F	84	75	C,F,H,I
64-69	Sutton, Michael Hall	P	F	P	P	P	P	P	
64-180	Swaback, Vernon Dale	P	F	P	P	P	P	P	
65-108	Thurman, Edward Adair	P	F	F	P	P	P	P	
*63-177	Witte, Willard Walter	P	P	P	P	78	P	P	G
66-199	Wonsley, Ronald Clayton	F	F	82	77	F	F	F	E,F

ARCHITECTS-IN-TRAINING
 Old Rules

	C History & Theory	G Structural Design	I Bldg. Equipment	
*63-443 Leonard, R. Brooks	77	P	P	C
63-446 Tang, May Wu	P	F	F	
*61-104 Turek, Robert L.	75	P	P	C

 ARCHITECTS-IN-TRAINING
 New Rules

Average Grade

*66-10 Berg, Jon Anton	79			
*66-5 Dick, John Wilson	86			
*66-11 Ives, Dexter A.	84			

CIVIL ENGINEERS		PART I	PART II	PART III	PART IV	
*65-293	Arthachinta, Thavorn	P	P	80	P	3
*65-277	Carney, James Henry	Ex	Ex	70	P	3
65-23	Celenza, Chester Nick	Ex	Ex	F	95	4
*66-176	Cole, Edward Merrell	Ex	Ex	88	95	3, 4
63-489	Delaney, John Leo	Ex	Ex	F	P	
66-91	Dobrovolny, Anton D.	Ex	Ex	F	90	4
*65-48	Garrison, Grove Morgan	P	P	70	P	3
*64-8	Gilbert, Andrew J.	P	P	P	90	4
*66-49	Goff, Warren J.	P	P	88	95	3, 4
*60-18	Gostinski, Leonard	P	P	72	P	3
65-107	Hall, John W.	P	P	P	F	
*66-22	Hamm, M. Kent	P	P	P	80	4
65-22	Harris, Edward Dean	P	P	P	F	
*66-86	Harrah, Stuart Kenneth	P	P	70	85	3, 4
66-220	Harrison, James Dunbar	Ex	Ex	96	F	3
*66-35	Heimpel, Alfred Jorgen	Ex	Ex	70	90	3, 4
*65-188	Judd, A. James	P	P	P	75	4
*66-13	Krull, Darrell Lee	P	P	94	P	3
*64-57	Lizardi, Joe Haro	P	P	P	90	4
*65-95	McCann, James Floyd	Ex	Ex	P	95	4
66-143	McKnight, Thomas E.	P	P	76	F	3
*65-125	Nelson, John Bremer, Sr.	Ex	Ex	P	90	4
*66-24	Pape, John Claude	P	P	P	100	4
*66-53	Penney, Gordon Edward	Ex	Ex	90	Ex	3
*65-20	Potts, Robert Clifford	P	P	P		4

CIVIL ENGINEERS		PART I	PART II	PART III	PART IV	
*65-193	Rader, Tommy F.	P	P	84	P	3
66-227	Raymo, William James	P	P	F	F	
*60-41	Roe, Chester E.	Ex	Ex	70	P	3
61-96	Smith, Robert H.	P	P	F	P	
*65-67	Smithson, Ellis Brady	Ex	Ex	P	90	4
66-173	Stewart, Norman T.	P	P	F	100	4
*64-153	Talbert, Carroll Guy	P	P	P	95	4
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
ELECTRICAL ENGINEERS						
66-222	Albert, Guy Dean	P	P	F	F	
66-153	McDonald, Gorden Peter	P	P	F	86	4
66-115	Rivera, Edill Valentin	Ex	Ex	F	F	
66-221	Selby, Herbert Raymond, Jr.	Ex	Ex	F	F	
65-136	Wiestling, Joshua Martin	F	F	P	F	
GEOLOGICAL ENGINEERS						
66-188	Hatcher, Otto	70	70	F	F	1, 2
*65-299	Manera, Paul Allen	Ex	Ex	84	P	3
HIGHWAY ENGINEERS						
65-229	Blain, John	Ex	Ex	Ex	F	
66-45	Bogensberger, William Arthur	F	F	70	70	3, 4
66-20	Craft, James William.	F	F	P	F	
*66-21	Crisp, Gary Franklin	70	70	P	88	1, 2, 4
*66-177	Hill, John O.	Ex	Ex	70	84	3, 4
66-144	Minter, Charles Bernard	Ex	Ex	F	F	

HIGHWAY ENGINEERS		PART I	PART II	PART III	PART IV	
66-132	Rice, Harold R.	Ex	Ex	F	F	
66-79	Shiflet, Chet	Ex	Ex	F	F	
66-30	Thornton, Francis Edwin	Ex	Ex	P	F	
INDUSTRIAL ENGINEERS						
66-166	Bittner, Herbert Leonard, Sr.	Ex	Ex	F	F	
*66-175	Merriam, Dale W.	P	P	88	87	3, 4
MECHANICAL ENGINEERS						
65-39	Dandl, Frank	Ex	Ex	F	F	
66-47	Drummond, John Joseph (Jay)	F	F	F	F	
66-133	Dudley, Avery Denzil	Ex	Ex	F	F	
*66-182	Jeffries, Frank James	Ex	Ex	85	75	3, 4
66-121	Roll, Eugene Bernard	Ex	Ex	F	F	
*66-44	Thomas, William Ray	Ex	Ex	70	70	3, 4
65-169	Wellington, Charles Kampfert	F	F	F	75	4
METALLURGICAL ENGINEERS						
*66-41	Stokes, James Leroy	P	P	85	78	3, 4
SANITARY ENGINEERS						
66-139	Gantenbein, Robert Lowell, Jr.	70	70	F	85	1, 2, 4
66-191	Obr, Joseph E.	Ex	Ex	F	F	

STRUCTURAL ENGINEERS		PART I	PART II	PART III	PART IV	PART V	PART VI	
65-294	Arthachinta, Thavorn	P	P	80	P	F	P	3
*65-276	Birtch, Dale Ray	Ex	Ex	76	P	P	P	3
65-198	Leavitt, Jack Atherton	P	P	P	P	F	P	
66-42	Womack, Luther Dale	P	P	P	P	F	F	
*66-183	Wooldridge, Donn Gilbert	Ex	Ex	86	100	83	70	3,4,5,6

LAND SURVEYORS		PART I	PART II	PART III	PART IV	
66-128	Baldwin, Troy L.	F	F	75	71	3,4
63-415	Jasman, Myron Gene	F	P	P	P	
66-184	Koch, George Louis	76	F	86	86	1, 3, 4
66-39	Long, Gordon Harley	80	F	89	71	1, 3, 4

ENGINEERS-IN-TRAINING		Grade
66-59	Baker, Christopher Jerome	90
66-60	Biggs, Donovan R.	77
66-8	Brooks, Philip B.	F
66-53	Butts, Duncan Roger	70
66-54	Copeland, Glen K.	87
66-2	Damgaard, Kenneth K.	71
66-55	Drueke, Rodger K.	70
66-58	Evans, John Austin	75
66-64	Funke, Werner	78
66-44	Goetz, Robert Andrew	73
66-62	Gosse, Gary Edward	72
66-61	Helmhout, Norman Emery	81
66-63	Herrera, Daniel J.	81

ENGINEERS-IN-TRAINING

Grade

66-7	King, Glenn E., Jr.	F
66-44	McCassalin, Wade L.	F
65-92	McFadden, Gene Raymond	F
66-66	Malone, Fowler	80
66-56	Mingo, Gaylord R.	90
66-67	Mooberry, David George	86
66-69	Norvelle, Thomas Lynn	89
66-46	Orrahood, John E.	70
66-71	Payson, Jeffrey P.	83
66-68	Roberts, Jack	72
66-12	Rodriguez, Johnny E.	75
66-47	Russell, Thomas E.	70
66-48	Sacra, Thomas Allen, III	100
66-15	Salmon, Michael Dumont	83
66-49	Smith, Clinton L.	82
66-57	Swanson, Peter Stephen	82
66-65	Welker, Douglas Scott	82
66-50	Willock, James Michael	93
66-52	Zimmerman, Eugene G.	91

GEOLOGIST-IN-TRAINING

64-2	Langland, Leo Lee	F
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The Engineering Examination Committee discussed with the Board the proposition of using the National Council of State Boards of Engineering Examiners professional examinations as opposed to the continuation of Arizona prepared examinations. It was agreed by those present that the National Council of State Boards of Engineering Examiners examination not be used at this time.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Goodwin reported on the recent Western Conference of State Architectural Registration Boards' Annual Meeting held at Camelback Inn, February 16 - 18, 1967, and that the meeting was well attended. Question was discussed at this meeting, on part, of how the examinations concerning Architectural Design and Site Planning were written. He, also, reported that the National Council is considering that any architectural applicant for registration be a graduate of an accredited architectural school.

It was moved by Mr. Goodwin and seconded by Mr. Dryden that the engineering members wishing to attend the Western Zone meeting of the National Council of State Boards of Engineering Examiners in Reno, Nevada, on April 28 and 29, 1967, be authorized to do so. Motion carried.

It was moved by Mr. Scholer and seconded by Dean Coleman that the architectural members wishing to attend the National Council of Architectural Registration Boards' Annual Meeting in New York on May 11 - 13, 1967, be authorized to do so. Motion carried.

REPORT OF THE BUDGET COMMITTEE

Schedules I and II for the proposed budget for 1967-68 and 1968-69 were passed out to the members at the meeting. It was moved by Mr. Goodwin and seconded by Dean Coleman that the report be accepted as submitted, Minute Page 2001, and that remarks and comments be forwarded to the Budget Committee to facilitate final action at the June meeting. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #1

Discussion on a complaint of ethical practice submitted by L. H. Bell and Associates indicated that this was an area in which the Board has no jurisdiction unless further evidence is produced even though it may be an unethical practice required investigation by a professional society. It was moved by Mr. Dryden and seconded by Mr. Goodwin that the Board take no action on the reference complaint and so notify L. H. Bell and Associates. Motion carried.

Letter from Edmund C. Garth, Director of Environmental Health, Arizona State Health Department, to Mr. George O. Matkin was discussed. It was moved by Mr. Goodwin and seconded by Mr. Feldman that the subject letter be tabled. Motion carried.

Letters of complaint against Air Tronics, Minute Pages 2002, 2003, 2004, were presented to the Board for discussion. Dean Coleman discussed with the members, the term "engineer" and its validity in court since Operating Engineers also have use of this word. The discussion revealed that Air-Tronics also was using the word consulting with the word "engineer" indicating a violation. It was moved by Mr. Goodwin and seconded by Mr. Eyring that Air-Tronics be notified that they were in apparent violation of the Technical Registration Act and that steps be taken by them to correct this prior to possible legal action by the Board. Motion carried.

REPORT OF THE BUDGET COMMITTEE

TO: All Board Members

FROM: John Girand, Chairman, Budget Committee
N. R. Feldman, Member
M. L. Vanlandingham, Member

The Budget Committee met on Friday, January 27, 1967, and reviewed all documents and papers submitted by the Executive Secretary regarding the proposed budgets for the fiscal years 1967-68 and 1968-69.

The Budget Committee determined that they could expect for the year 1967-68, the gross income estimate at \$54,400.00 total, \$5,440.00 10% General Fund, and \$48,960.00 90% Technical Fund, and for the year 1968-69, the gross income estimate at \$55,444.00 total, \$5,544.00 10% General Fund, \$49,900.00 90% Technical Fund.

Based upon these two net incomes, the Budget Committee recommends to the Board that they may give preliminary approval to the attached budget (which will be passed out at the meeting) so that it may be prepared in form for the final approval with the Board at the June meeting in accordance with the Arizona Revised Statutes.

The Budget Committee further recommends that the Special Office Procedures Committee approve the purchase of any necessary equipment out of the Reserve Fund which is in excess of \$13,000.00 prior to July 1, 1967.

AIR-TRONICS
CONSULTING ENGINEERS FOR THE
AIR CONDITIONING AND HEATING INDUSTRY

4106 E. San Miguel Ave.
Phoenix, Arizona

02002

February 3, 1967

SALES ENGINEER

10 E. McDowell Road
PHOENIX, ARIZONA 85006

PHONE 252-8771

RECEIVED
FEB 6 1967

STATE BOARD TECHNICAL REGISTRATION

State of Arizona
Technical Registration Board
3550 N. Central Ave.
Phoenix, Arizona

Gentlemen:

Enclosed is a name card which was given to me in Phoenix which advertises the firm of "Air-Tronics" as consulting engineers for the air conditioning and heating industry. The address shown on the card is 1110 E. McDowell Road, Phoenix, Arizona, and the telephone number is 252-8771.

When answering the telephone the receptionist states that Air-Tronics is a consulting engineering firm.

I am advised that there are no engineers, registered or otherwise, in the Air-Tronic firm, and that they are posing as engineers to deceive the public and are therefore in violation of Arizona law. It is requested that a complete investigation be made of this company and suitable legal action taken to protect the public.

Very truly yours,

James L. Hoyer
James L. Hoyer P.E.

JLH:dc

cc: Better Business Bureau



ARIZONA STATE
UNIVERSITY

COLLEGE OF ENGINEERING SCIENCES

RECEIVED

FEB 17 1967

02003

TEMPE, ARIZONA

STATE BOARD TECHNICAL REGISTRATION

February 15, 1967

Technical Registration Board
3550 North Central Avenue
Phoenix, Arizona

ATTENTION Mr. Walter J. Edelblut

Gentlemen:

It has been brought to our attention that a firm by the name of "Air-Tronics" has recently advertized on a Phoenix television channel and used the title, "Engineering Consultants."

To the best of our knowledge, there is no registered engineer in Arizona connected with this firm. We request that the State Technical Registration Board investigate this matter and take any action required.

We, of the Papago Chapter, Arizona Society of Professional Engineers, feel that it is vital that the title, "engineer," be reserved for those who are registered professional engineers.

Thank you for your consideration in this matter.

Sincerely,

Charles W. Newlin

Charles W. Newlin, Ph.D.
President, Papago Chapter
ASPE

shl

CONVERT NOW FROM MUSTY SWAMP COOLING
TO ZESTY YEAR-ROUND COMFORT OF

WESTINGHOUSE

CENTRAL AIR CONDITIONING
& HEATING



EXTRA BONUS:

Your choice of FREE
Westinghouse Electric
Lithium Dryer, West
inghouse portable
dishwasher or Shair
and more for your
early order!



Dial the temperature you want, day or
night, winter or summer, for refreshing,
healthful, dry and dust-free comfort in
every room.

Less than 60¢ per day.

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SUMMER IF YOU WISH**

Call 252-8771 For more
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your Free wrist watch, or send
in the coupon:

(Open Sunday)

AIR-TRONICS TITO E. McDowell PHOENIX, ARIZONA
ENGINEERING CONSULTANTS FOR THE AIR CONDITIONING INDUSTRY

Sirs: Please reserve for me a brand-new Swiss-made Calendar
wrist watch as featured in your Sunday ad and send someone
to survey my home for converting to Westinghouse Central Air
Conditioning. I understand this obligates me in no way.

NAME _____

ADDRESS _____

CITY _____ STATE _____ PHONE _____

Arizona © FEB. 26, 1967

ARIZONA REPUBLIC

RECEIVED

MAR 7 - 1967

ILLEGAL ADVERTISING!

HARSH REALITY

8

The reality of any war is never harsher
to the loved ones at home than when the
message comes that a husband and father
has been reported "missing in action."

WHO'S LAUGHING?

12

Ha, ha, ha at the quaint Indians, their
funny habits and odd attire, but when you
are through, step back. To the Indians,
palefaces are a million laughs.

CONDITIONED REFLEX

20

Ballet dancers can't forget it when they
are home. They often lapse into some
spontaneous exercise or position which
has become a conditioned posture pattern.

NOTE:

THIS COMPANY HAS NO
ENGINEERS. STOP THESE ADS!

Editor BUD DeWALD • Associate Editor JOSEPHINE DAVIDSON
Art Director FRANK KING • Assistant Editors BURKE JOHNSON, WAYNE AMOS
Photographer ROD MOYER • Advertising Director MALCOLM MUNN

02004

REPORT OF GRIEVANCE COMMITTEE #2

Discussion of letter from Oscar Cuellar, Chairman of Ethics Committee, Southern Chapter of Arizona Society of Professional Engineers, was made. It was moved by Mr. Feldman and seconded by Mr. Marum that the subject letter be tabled. Motion carried.

The Board then recessed for ten minutes.

At the resumption of the meeting, Mr. Scholer reported on a complaint filed by the Southern chapter of the American Institute of Architects and investigation by the Grievance Committee have indicated that architectural registrant, Louis Leslie Coon, No. 5007, was aiding and abetting a non-registrant to evade the Technical Registration Act. Mr. Mason of the Attorney General's Office reported to the Board on his investigation into the Professional Corporations Act and papers filed by Mr. Coon and Mr. Chonis which inferred and required that they both be professional architects and registered as such. Mr. Scholer reported that Grievance Committee #2 recommended to the Board that Mr. Louis Leslie Coon be held for a formal hearing on aiding and abetting a non-registrant to evade the Technical Registration Act, and that the committee further recommends filing a complaint with the County Attorney to prosecute Mr. Chonis. It was moved by Mr. Scholer and seconded by Dean Coleman that the report and recommendations of Grievance Committee #2 be accepted and that the Board hold a formal hearing on Mr. Coon for aiding and abetting a non-registrant. Motion carried. Mr. Scholer then moved and seconded by Mr. Marum a complaint be filed with the County Attorney against Mr. Chonis under the appropriate section of the Arizona Revised Statutes. Motion carried.

REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

Mr. Dryden reported that the recommendations of the Budget Committee would be studied by this committee and would discuss these recommendations with a report at the next meeting of the Board.

REPORT OF THE EXECUTIVE SECRETARY

Cash Flow Reports #5, #6, #7 and #8, Minute Pages 2006, 2007, 2008 and 2009, were presented to the Board for their information.

The Executive Secretary requested direction on replying to questionnaires from California, Nevada and Utah Boards regarding the registrant, Robert M. Paulsell. The Chairman was instructed to have the Executive Secretary reply to these questionnaires without reference to the formal hearing since he was found not guilty and no suspension or revocation action was taken.

READING OF COMMUNICATIONS

Correspondence between Central Chapter of the American Institute of Architects and replies from Mr. Goodwin and Mr. Weaver were tabled.

Letter from Arthur I. Flaherty, Minute Page 2010, indicating the support of California to Mr. John H. Stufflebean as a nominee for the Distinguished Service Certificate was read and it was moved by Mr. Feldman and seconded by Mr. Eyring that we support the nomination of Mr. Stufflebean and so notify California. Motion carried.

CASH FLOW REPORT

02006

DATE: November 31, 1966

REPORT #5

Balance on Deposit as of July 1, 1966 - \$16,814.67

Appropriated receipts
this month - \$12,587.62

Balance on Deposit as of Report Date - \$18,188.13

Line No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #4	Total Expended To Date	Unencumbered Balance
110	Salaries	22,600.00	22,600.00	2993.20	10,220.20	12,379.80
111	Postage	2,000.00	2,000.00	231.13	747.84	1,252.16
112	Telephone	1,000.00	1,080.00	206.20	458.78	621.22
120	Travel - State	2,300.00	2,000.00	468.55	1,015.10	984.90
130	Travel - Out of State	2,200.00	2,000.00		714.73	1,285.27
140	Professional Services	1,000.00	3,500.00		43.00	3,457.00
162	Equip. - Maint. & Rep.	200.00	200.00	25.32	25.32	174.68
193	Janitor Services	50.00	50.00	20.00	20.00	30.00
195	Railway Express	50.00	30.00			30.00
206	Annual Report	1,800.00	1,800.00			1,800.00
209	Miscellaneous	3,500.00	1,500.00	488.20	647.80	852.20
210	Supplies	3,500.00	3,500.00	211.93	1,193.07	2,306.93
290	Photographs	100.00	100.00			100.00
311	Rent - Office Equip.	100.00	200.00		19.50	180.50
313	Rent - Office	3,100.00	3,100.00	250.78	1,504.68	1,595.32
317	Rent @ Other Offices	50.00	100.00	10.00	10.00	90.00
321	Bond - Officers	10.00	10.00	8.50	18.50	(8.50)
324	Insurance	125.00	125.00		26.00	99.00
325)	St. Ret.	1,700.00	1,600.00	175.86	478.62	1,121.38
327)	OASI					
330	Subscr. & Org. Dues	1,200.00	800.00			800.00
331	Office Equipment	0	300.00			300.00
	Refunds	200.00	300.00	9.00	54.00	246.00
	TOTALS	46,785.00	46,895.00	5,098.67	17,197.14	29,697.86

CASH FLOW REPORT

02007

DATE: December 31, 1966

REPORT #6

Balance on Deposit as of July 1, 1966 - \$16,814.67

Appropriated Receipts
this month - \$13,921.87

Balance on Deposit as of Report Date - \$28,733.36

Code No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #5	Total Expended To Date	Unencumbered Balance
210	Salaries	22,600.00	22,600.00	1,859.36	12,079.56	10,520.44
211	Postage	2,000.00	2,000.00		747.84	1,252.16
212	Telephone	1,000.00	1,080.00		458.78	621.22
220	Travel - State	2,300.00	2,000.00	159.90	1,175.00	825.00
230	Travel - Out of State	2,200.00	2,000.00		714.73	1,285.27
240	Professional Services	1,000.00	3,500.00	55.00	98.00	3,402.00
262	Equip. - Maint. & Rep.	200.00	200.00	10.07	35.39	164.61
293	Janitor Services	50.00	50.00		20.00	30.00
295	Railway Express	50.00	30.00			30.00
306	Annual Report	1,800.00	1,800.00			1,800.00
309	Miscellaneous	3,500.00	1,500.00	538.43	1,186.23	313.77
310	Supplies	3,500.00	3,500.00	429.56	1,622.63	1,877.37
390	Photographs	100.00	100.00			100.00
311	Rent - Office Equip.	100.00	200.00	19.50	39.00	161.00
313	Rent - Office	3,100.00	3,100.00	250.78	1,755.46	1,344.54
317	Rent - Other Offices	50.00	100.00		10.00	90.00
321	Bond - Officers	10.00	10.00		18.50	(8.50)
324	Insurance	125.00	125.00		26.00	99.00
325)	St. Ret.	1,700.00	1,600.00	12.54	491.16	1,108.84
327)	OASI					
330	Subscr. & Org. Dues	1,200.00	800.00			800.00
331	Office Equipment	0	300.00			300.00
331	Refunds	200.00	300.00	76.50	130.50	169.50
	TOTALS	46,785.00	46,895.00	3,411.64	20,608.78	26,286.22

CASH FLOW REPORT

DATE: January 31, 1967

REPORT #7

Balance on Deposit as of July 1, 1966 - \$16,814.67

Appropriated Receipts
this month - \$9,273.22

Balance on Deposit as of Report Date - \$34,099.21

Code No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #5	Total Expended To Date	Unencumbered Balance
10	Salaries	22,600.00	22,600.00	1,883.36	13,962.92	8,637.08
11	Postage	2,000.00	2,000.00	174.24	922.08	1,077.92
12	Telephone	1,000.00	1,080.00	130.88	589.66	490.34
20	Travel - State	2,300.00	2,000.00	189.20	1,364.20	635.80
30	Travel - Out of State	2,200.00	2,000.00		714.73	1,285.27
40	Professional Services	1,000.00	3,500.00		98.00	3,402.00
62	Equip. - Maint. & Rep.	200.00	200.00	5.00	40.39	159.61
93	Janitor Services	50.00	50.00	20.00	40.00	10.00
95	Railway Express	50.00	30.00			30.00
	Annual Report	1,800.00	1,800.00			1,800.00
	Miscellaneous	3,500.00	1,500.00	203.00	1,389.23	110.77
10	Supplies	3,500.00	3,500.00	180.46	1,803.09	1,696.91
90	Photographs	100.00	100.00			100.00
11	Rent - Office Equip.	100.00	200.00		39.00	161.00
13	Rent - Office	3,100.00	3,100.00	250.78	2,006.24	1,093.76
17	Rent - Other offices	50.00	100.00	42.63	52.63	47.37
21	Bond - Officers	10.00	10.00		18.50	(8.50)
24	Insurance	125.00	125.00		26.00	99.00
25)	St. Ret.	1,700.00	1,600.00	99.52	590.68	1,009.32
27)	OASI					
30	Subscr. & Org. Dues	1,200.00	800.00	705.00	705.00	95.00
11	Office Equipment	0	300.00			300.00
	Refunds	200.00	300.00	22.50	153.00	147.00
	TOTALS	46,785.00	46,895.00	3,906.57	24,515.35	22,379.65

CASH FLOW REPORT

02009

DATE: February 28, 1967

REPORT #8

Balance on Deposit as of July 1, 1966 - \$16,814.67

Appropriated Receipts
this month - (47.70)

Balance on Deposit as of Report Date - \$29,335.97

Code No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #7	Total Expended To Date	Unencumbered Balance
110	Salaries	22,600.00	22,600.00	1,883.36	15,846.28	6,753.72
211	Postage	2,000.00	2,000.00	224.06	1,146.14	853.86
212	Telephone	1,000.00	1,080.00	225.57	815.23	264.77
220	Travel - State	2,300.00	2,000.00	522.40	1,892.90	107.10
230	Travel - Out of State	2,200.00	2,000.00		714.73	1,285.27
240	Professional Services	1,000.00	3,500.00		98.00	3,402.00
262	Equip. - Maint. & Rep.	200.00	200.00		40.39	159.61
293	Janitor Services	50.00	50.00		40.00	10.00
295	Railway Express	50.00	30.00			30.00
296	Annual Report	1,800.00	1,800.00			1,800.00
299	Miscellaneous	3,500.00	1,500.00	1,084.91	2,474.14	(974.14)
310	Supplies	3,500.00	3,500.00	123.76	1,926.85	1,573.15
390	Photographs	100.00	100.00	8.22	8.22	91.78
411	Rent - Office Equip.	100.00	200.00	20.25	59.25	140.75
413	Rent - Office	3,100.00	3,100.00	250.78	2,257.02	842.98
417	Rent - Other Offices	50.00	100.00		52.63	47.37
421	Bond - Officers	10.00	10.00		18.50	(8.50)
424	Insurance	125.00	125.00		26.00	99.00
425)	St. Ret.	1,700.00	1,600.00	295.67	886.35	713.65
427)	OASI					
430	Subscr. & Org. Dues	1,200.00	800.00		705.00	95.00
431	Office Equipment	0	300.00			300.00
431	Refunds	200.00	300.00		153.00	147.00
	TOTALS	46,785.00	46,895.00	4,638.98	29,160.63	17,734.37

DEPARTMENT OF PROFESSIONAL AND VOCATIONAL STANDARDS
BOARD OF REGISTRATION FOR CIVIL AND PROFESSIONAL ENGINEERS

110 STREET, ROOM A-102
SACRAMENTO 95814



JOHN E. MINASIAN, President
CHARLES E. WILEE, Vice President
CARROLL M. BRESON
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LEO W. SMITH
HAROLD H. STLAUSS
ARTHUR I. FLAHERTY, Executive Secretary

January 20, 1967



Mr. Edmond F. Marum, P. E.
P. O. Box 731
Tucson, Arizona

Dear Mr. Marum:

At the suggestion of Mr. Leo Ruth, I am writing to ask you for some information which will be helpful to our Board, as I will explain below.

Each year the National Council of State Boards of Engineering Examiners features at its annual meeting a formal presentation of its Distinguished Service Certificate to a very limited number of its members who have been selected for their outstanding services to the cause of registration and to the advancement of the engineering profession.

Leo Ruth was selected for this honor at the annual meeting last August.

The time has come again for nominations and at its meeting last week, our Board members favored the nomination of John Stuffiebean. Strictly speaking, the nomination should be initiated by the Arizona Board. Since your brother is a member of the Board, the thought occurred that you might be able to learn from him whether or not the Arizona Board plans to nominate John. If so, the California Board would be happy to support the nomination strongly, and would so indicate to Mr. Morgan Allen, Director of the Western Zone, NCSDEE.

I would very much appreciate your making this informal inquiry, and letting me know the results, so that I may pass the information on to our Board for its guidance.

Sincerely,
Arthur I. Flaherty
ARTHUR I. FLAHERTY
Executive Secretary

AIF:cc

cc: Mr. Leo Ruth
Mr. Morgan Allen

It was moved by Mr. Goodwin and seconded by Mr. Marum that the letter, Minute Page 2016, from Wisconsin Society of Professional Engineers be answered and provide the information available. Motion carried.

READING AND CONSIDERING OF APPLICATIONS

Discussion and motions were made on each of the following applications:

- 66-136 Henry W. Danley, Civil Engineer
It was moved by Mr. Dryden and seconded by Dean Coleman he be held for a personal audience. Motion carried.
- 66-210 William E. Peterson, Structural Engineer
It was moved by Dean Coleman and seconded by Mr. Dryden he be held for a personal audience. Motion carried.
- 66-242 Charles Franklin Knowlton, Jr., Structural Engineer
It was moved by Dean Coleman and seconded by Mr. Marum he be held for a personal audience. Motion carried.
- 66-255 William Albert Rhodes, Assayer
It was moved by Mr. Dryden and seconded by Mr. Scholer he be held for a Comprehensive Oral Examination. Motion carried.
- 66-264 John Phillip Gnaedinger, Civil Engineer
It was moved by Dean Coleman and seconded by Mr. Goodwin he be held for a personal audience. Motion carried.
- 66-268 Karl Arthur Krause, Structural Engineer
It was moved by Dean Coleman and seconded by Mr. Dryden he be held for a personal audience. Motion carried.
- 66-272 Homer Bush Scott, Civil Engineer
It was moved by Mr. Feldman and seconded by Mr. Dryden he be held for a Comprehensive Oral Examination. Motion carried.
- 66-276 Carl Hermann Adam, Civil Engineer
It was moved by Dean Coleman and seconded by Mr. Dryden he be held for a Comprehensive Oral Examination. Motion carried.
- 66-291 William Stanley Autrey, Civil Engineer
It was moved by Mr. Eyring and seconded by Dean Coleman he be held for Parts 3 and 4 of the written examinations. Motion carried.
- 66-295 James Marshall Evans, Highway Engineer
It was moved by Mr. Dryden and seconded by Dean Coleman he be placed in abeyance until after further investigation. Motion carried.
- 66-297 Paul P. Hendricks, Electrical Engineer
It was moved by Dean Coleman and seconded by Mr. Eyring he be held for a personal audience. Motion carried.
- 66-305 Edwin Clayton Thompson, Jr., Assayer
It was moved by Dean Coleman and seconded by Mr. Vanlandingham he be held for a personal audience. Motion carried.

- 66-309 Jesse R. Wyatt, Civil Engineer
It was moved by Dean Coleman and seconded by Mr. Marum he be held for Parts 3 and 4 of the written examinations. Motion carried.
- 66-311 Eugene Micheal Bishop, Civil Engineer
It was moved by Mr. Dryden and seconded by Dean Coleman he be held for Parts 3 and 4 of the written examinations. Motion carried.
- 66-316 Ernest G. Garcia, Land Surveyor
It was moved by Mr. Dryden and seconded by Mr. Eyring he be denied for insufficient experience of a character satisfactory to the Board. Motion carried.
- 67-16 Thomas Morton Davey, Civil Engineer
It was moved by Mr. Marum and seconded by Dean Coleman he be held for a personal audience. Motion carried.
- 67-20 David B. Griffith, Highway Engineer
It was moved by Dean Coleman and seconded by Mr. Dryden he be held for Parts 3 and 4 of the written examinations. Motion carried.
- 67-25 Harry Joseph Krueper, Jr., Civil Engineer
It was moved by Mr. Dryden and seconded by Mr. Feldman he be placed in abeyance until receipt of a current picture and transcript which is to be sent direct from the school to the office of the Board. Motion carried.
- 67-35 Lawrence L. White, Highway Engineer
It was moved by Mr. Marum and seconded by Dean Coleman he be held for a personal audience. Motion carried.
- 67-56 Howard L. Meredith, Highway Engineer
It was moved by Mr. Dryden and seconded by Dean Coleman he be held for Parts 3 and 4 of the written examinations. Motion carried.
- 67-57 Angel Gomez, Highway Engineer
It was moved by Mr. Eyring and seconded by Mr. Goodwin he be held for Parts 3 and 4 of the written examinations. Motion carried. Mr. Dryden abstained from voting.

The other applications for professional registration were reviewed by the Board member whose name appears with the applicant and the member's findings as presented to the Board for action are:

- I. It was moved by Mr. Goodwin and seconded by Mr. Marum that the following applicants having met all of the requirements of this Board, which shall be confirmed by a personal audience and are so held for such audience. Motion carried.

CIVIL ENGINEERING		
Alexander, Wm. Davidson	66-258	Girand
Boyd, Harold Walter	67-10	Girand
Chilton, Bobby Glenn	67-34	Dryden
DeArmond, Gene Vincent	66-279	Girand

CIVIL ENGINEERING - Continued

Forester, Paul L.	67-36	Dryden
Galloway, Clyde Donald	66-237	Girand
Gervasio, William Eugene	66-296	Girand
Grigg, Charles Dennis	66-283	Girand
Johnston, Leonard Earnest	66-164	Dryden
Leavitt, Llewellyn Goodwin	66-269	Girand
McAlpin, Ronald Blaine	66-271	Marum
Montalvo, Hector R.	66-244	Girand
Olivarez, David Rios	67-27	Dryden
Raby, Daniel Carl	66-302	Girand
Rhodes, Barry Parker	66-247	Dryden
Smith, Edwin Eugene	66-273	Marum
Taylor, Jack Rae	66-304	Dryden
Westfall, Herbert Charles	66-289	Eyring
Wittmann, Edward Joseph	66-275	Marum
Wooldridge, Donn	66-308	Dryden

CHEMICAL ENGINEERING

Brown, Sidney Alfred	66-294	Coleman
Klein, Donald Charles	66-313	Dryden
Toncre, Arthur Charles	66-307	Coleman

ELECTRICAL ENGINEERING

Clay, Robert Earl	66-277	Eyring
Denbrock, Frank A.	66-280	Eyring
Hosso, Harry Victor	67-42	Eyring
Hughes, David Armon	67-22	Feldman
Lewellyn, Jack Richard	66-234	Feldman
Lorrig, Robert James	66-300	Feldman
Mozur, David	67-7	Coleman
Rath, Wilbert F.	67-28	Feldman

MECHANICAL ENGINEERING

Bachus, Benson Floyd	66-292	Eyring
Chance, Donald Richard	66-259	Feldman
Hofinger, Fred F.	66-298	Eyring
Egan, Joseph William	66-312	Feldman
Tickle, Daniel Edward	67-32	Feldman

METALLURGICAL ENGINEERING

Reinmiller, Frank W.	66-235	Coleman
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MINING ENGINEERING

Fletcher, James B.	66-263	Dryden
Lowell, James David	66-270	Dryden

NUCLEAR ENGINEERING

Bregar, John Francis	66-293	Coleman
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LAND SURVEYING

Buck, Gilbert Denton	66-248	Dryden
Hodel, Kenneth Lee	66-284	Dryden
Lagomarsino, Louis C., Jr.	66-285	Dryden
Nelson, Robert A.	66-286	Dryden

- II. It was moved by Mr. Scholer and seconded by Mr. Marum that the following applicants having apparently met all of the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held. Motion carried.

CIVIL ENGINEERING Moore, Gordon Eldridge	67-26	Marum
ELECTRICAL ENGINEERING Knecht, Andrew Wilson	66-265	Coleman
GEOLOGICAL ENGINEERING Estes, Leon D.	66-262	Coleman
MECHANICAL ENGINEERING Knecht, Andrew Wilson	66-266	Coleman
METALLURGICAL ENGINEERING Allen, Philip Frederick	67-37	Coleman

III. It was moved by Dean Coleman and seconded by Mr. Eyring that the following applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency. Motion carried.

ARCHITECTURE			
Cook, Clyde David	67-4	Committee	C, D, E, F, *G, H, I
Dana, Howard Homer	66-278	Committee	G, I
Florence, Ora Earle	67-5	Committee	C, D, E, F, G, H, I
Gomez, Robert	67-38	Committee	C, D, E, F, G, H, I
Griffin, Donald K.	67-55	Committee	C, D, E, F, G, H, I
Mangino, Michael Wayne	67-6	Committee	C, D, E, F, G, H, I
Williams, Samuel Wayne	66-290	Committee	C, D, E, F, G, H, I **

* Mr. Cook may either submit a treatise on seismic or sit for Section G.

** Mr. Williams must appear for a personal audience after satisfactorily completing the written examination.

CIVIL ENGINEERING			
Briscoe, William Robert	67-11	Marum	Parts 3 and 4
Deskins, John Wesley	67-41	Dryden	Parts 1, 2, 3 and 4
Etz, John George	66-282	Dryden	Parts 3 and 4
Geiser, Edward Frank	66-236	Dryden	Parts 3 and 4
Heaton, Lowell H.	67-21	Marum	Parts 3 and 4
Jacobson, Norman Bruce	66-299	Marum	Parts 3 and 4
Kilgore, John Douglas	67-23	Marum	Parts 1, 2, 3 and 4
Kreutz, Joseph Julius	67-24	Eyring	Parts 1, 2, 3 and 4
Lee, William Jackson	67-43	Marum	Parts 3 and 4
Murphy, James Minter	67-59	Marum	Parts 3 and 4
Nelson, Lawrence L.	67-45	Dryden	Parts 3 and 4
Richards, Alex Astorga	67-29	Dryden	Parts 1, 2, 3 and 4
Stahly, John David	66-274	Dryden	Parts 3 and 4
Whitaker, James Curtis	67-15	Marum	Parts 3 and 4
Willhite, Ronald Monroe	67-33	Marum	Parts 3 and 4
ELECTRICAL ENGINEERING			
Day, David S.	66-260	Eyring	Parts 1, 2, 3 and 4
Dougherty, Walter Edwin	67-17	Eyring	Parts 3 and 4
Evans, James Henry	66-261	Eyring	Parts 1, 2, 3 and 4
Kohnen, Robert E.	66-267	Coleman	Parts 3 and 4
Schwartzter, Arthur Richard, Jr.	67-30	Feldman	Parts 3 and 4

ENGINEERING SCIENCE			
Aadland, Donald Ingvald	67-50	Coleman	Parts 3 and 4
STRUCTURAL ENGINEERING			
McCullom, James Leon	66-301	Marum	Parts 3, 4, 5 and 6
GEOLOGY			
Eisenberg, John Frederick	66-306	Coleman	Parts 3 and 4

- IV. It was moved by Mr. Goodwin and seconded by Mr. Scholer that the following architectural applicants having met all requirements of this Board, including the personal audience, shall be granted registration after they have submitted a satisfactory seismic treatise and problem. Motion carried.

Dixon, Frederick Wallace	66-281	Committee
Hamilton, Forrest Derrel	67-2	Committee
Nelson, Donald C. G.	67-1	Committee
Rader, Albert D.	67-8	Committee

UNFINISHED BUSINESS

Mr. Scholer moved and seconded by Dean Coleman that the reprimand letters to Lloyd LeRaine Pike, Complaint No. 6601, Minute Page 2017, and Robert William Sferra, Complaint No. 6602, Minute Page 2018, be approved as presented. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Scholer that we pay the dues for the Western Conference. Motion carried.

NEW BUSINESS

Letter from Governor Jack Williams, Minute Page 2019, advising the request of the Structural Pest Control Board for use of space in the office of the Board was discussed. It was moved by Mr. Feldman and seconded by Mr. Goodwin that the Board indicate that they had no objection to sharing facilities with this State agency. Motion carried.

The Architectural Committee suggested that May 25, 1967, be selected for the next meeting with the architectural applicants.

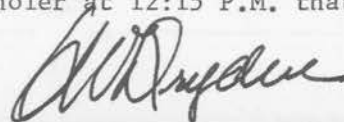
It was moved by Mr. Dryden and seconded by Dean Coleman that the next regular meeting of the Board be held June 22 and 23, 1967, in Flagstaff, Arizona. Motion carried.

It was moved by Mr. Scholer and seconded by Mr. Eyring that the aforementioned formal hearing on Mr. Louis Leslie Coon be the first order of business at the meeting of the Board held June 22 and 23, 1967, in Flagstaff, Arizona. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Dryden that the out-of-town members graciously acknowledge the courtesies extended at this Board meeting by the Tucson members. Motion carried.

ADJOURNMENT

It was moved by Mr. Dryden and seconded by Mr. Scholer at 12:15 P.M. that the meeting be adjourned. Motion carried.



WISCONSIN
SOCIETY OF PROFESSIONAL ENGINEERSCOMMITTEE TO STUDY THE EMINENCE
CLAUSE OF THE REGISTRATION LAW

RECEIVED

FEB 9 1967

ST. J. JARD T. H. W. A. L. L. A. W. A. W.

February 6, 1967

Gentlemen

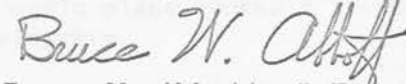
Our Committee is making a study of the Eminence Clause section of the Wisconsin Registration Law. In order to compare the status of this clause with similar clauses in other states and to provide other factors for comparison and to develop perspective, we would like to request that you send us a copy of your registration laws for our use in this study.

We are also doing a section of the report on a statistical basis and would, therefore, be most appreciative of having any information you may have on file as regards types of registration in your state over the last several years, possibly as far back as the early 1950s. The information we are seeking is the actual numbers registered by examination, reciprocity, eminence, and/or other methods for each year. We understand that information you might provide is purely statistical and does not contain the information on any particular registration or any specific action of your board.

If you are able to supply these pieces of information, would you please send them to me immediately as time is of the essence in our study and it must be completed before early March.

Thank you for your cooperation in this matter.

Very truly yours,



Bruce W. Abbott, P.E.
Committee Chairman
202 Eau Claire Blvd.
Wausau, Wis. 54401

bmm

XERO
COPYXERO
COPYXERO
COPY

March 20, 1967

Mr. Lloyd LeRaine Pike
10220 El Camino Real
Phoenix, Arizona 85020

Re: In the Matter of Lloyd LeRaine Pike, Complaint No. 6601

Dear Mr. Pike:

You are hereby advised that as a result of evidence introduced at the formal hearing on the above-captioned matter before the State Board of Technical Registration on December 1, 1966, the Board dismissed the complaint against you.

Be you further advised that as a result of your actions as determined from the evidence introduced at the aforementioned hearing, the Board does reprimand you for undertaking and releasing your seal and signature an architectural project which does not meet the minimum standards adopted by this Board.

The Board does not feel suspension or revocation of your license is justified in view of the evidence presented in the above-captioned matter. However, it is the feeling of the Board that you have overlooked your professional responsibility to the public by performing such below minimum work. An architect must protect the public by undertaking only those projects which his training, ability and experience have qualified him to accomplish and the public has the right to expect the best of design and analysis from a licensee of this Board.

There is attached for your future information a copy of the minimum standards adopted by the Board in December, 1963, for your continued compliance.

It is presumed that you will accept this confidence of the Board in your future potentialities and that you will never again place yourself in any position that compromises your professional integrity.

The above findings of the Board will become a part of the official records of the State Board of Technical Registration.

Very truly yours,

John Girand, Chairman

Attachment

cc: Wm. P. Lufty, Attorney

March 20, 1967

Mr. Robert William Sferra
4114 E. Coolidge
Phoenix, Arizona 85018

Re: In the Matter of Robert William Sferra, Complaint No. 6602

Dear Mr. Sferra:

You are hereby advised that as a result of evidence introduced at the formal hearing on the above-captioned matter before the State Board of Technical Registration on December 1, 1966, the Board finds you not guilty as charged in Count I of the above-referenced complaint and further dismisses the charge contained in Count II.

Be you further advised that the State Board of Technical Registration as a result of your actions determined from the evidence introduced at the aforementioned hearing, does reprimand you for undertaking a project not clearly defined as within the proficiency of your registration.

The Board does not feel that suspension or revocation of your license is justified in view of the evidence presented at the above-captioned matter. However, it is the feeling of the Board that you have overlooked your professional responsibility to the public by performing in an area in which you are not proficient.

An engineer does not have free reign to attempt any project which might be presented to him. Instead, he must protect the public by undertaking only those projects which his training, ability and experience have qualified him to accomplish, and the public has the right to expect the best of design and analysis from a licensee of this Board.

It is presumed that you will accept this confidence of the Board in your future potentialities and that you will never again place yourself in any position that compromises your professional integrity.

The above findings of the Board will become a part of the official records of the State Board of Technical Registration.

Very truly yours,

John Girand, Chairman

cc: Carl W. Roe, Attorney



OFFICE OF THE GOVERNOR
STATE HOUSE
PHOENIX, ARIZONA

RECEIVED

MAR 15 1967

STATE BOARD TECHNICAL REGISTRATION

JACK WILLIAMS
GOVERNOR

March 14, 1967

Mr. Walter Edelbutt, Executive Secretary
State Board of Technical Registration
408 Guaranty Bank Building
3550 North Central Avenue
Phoenix, Arizona 85012

Dear Mr. Edelbutt:

Stuart Lyon of the Structural Pest Control Board wants the use of your office for 'phones, etc.

I understand he has discussed this with you, and I in turn have checked with Mr. John Girand, who said he was in agreement that to do so would be alright.

Consequently, this suggestion has the approval of this office.

Sincerely,

Jack Williams
Jack Williams

cc: John Girand
Stuart Lyon

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
March 30, 1967

A special meeting of the Board to implement items on the March 16th and 17th Agenda was called to order by Mr. John Girand, Chairman, in the office of the Board, Phoenix, Arizona, at 2:15 P.M., March 30, 1967.

PRESENT

John Girand, Chairman
Emerson C. Scholer, Vice-Chairman
C. W. Dryden, Secretary
Howard S. Coleman
Carl T. Eyring
N. R. Feldman
Kemper Goodwin
Andrew B. Marum
Anthony Mason, Asst. Atty. Gen.
Dick Guthrie, an observer

ABSENT

M. L. Vanlandingham

READING AND CONSIDERING OF APPLICATIONS

It was moved by Mr. Scholer and seconded by Mr. Feldman that the following applicants for professional registration have completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried, with Mr. Eyring voting nay.

ARCHITECTURE

Beadle, Alfred Newman	6504
Bowman, Joe Clower	6540
Burlini, Alfred Hugo	6505
Eley, William Russell	6506
Houvener, Robert Mason	6507
Kasal, Richard Talley	6508
McGrath, George Frank	6509
Morris, Clyde Winton	6510
Norling, Kenneth Ronald	6511
Page, Norman Alvin	6512
Richey, John H.	6513
Simpson, John William	6538
Stevens, James A.	6539
Witte, Willard Walter	6514

CIVIL ENGINEERING

Bonell, J. Frank	6515
Cutler, Harlond Kerber	6516
Hillabrant, Walter John	6517
Houk, Norris Arthur	6518
Mittelstaedt, Don Ralph	6519
Rasmussen, Alfred Eugene	6520
Winsor, Mulford, Jr.	6521

ELECTRICAL ENGINEERING

Fowler, Donald Stanley	6522
Gould, Clio L.	6523
Haywood, Herald Edward	6524
Koegel, Albert Courtney	6525
Taylor, F. J.	6526

HIGHWAY ENGINEERING

Arthur, Charles Philip	6527
Pintek, Mike	6528

MECHANICAL ENGINEERING

Hendrickson, Orville Jay	6529
Johnson, Norval Charles, Jr.	6530
McKay, Lafayette Camp	6531
Shannon, Frank Michael	6532
Tinfo, Ava	6533
Zacharius, Martin P.	6534

STRUCTURAL ENGINEERING

Grzesiowski, Frank Julius	6535
---------------------------	------

LAND SURVEYING

Labrum, John Millard	6536
Rasmussen, Alfred Eugene	6537

ENGINEER-IN-TRAINING

Butts, Duncan Roger	617
Damgaard, Kenneth K.	618
Druke, Rodger K.	619
Duffy, Dennis M.	627
Everhart, Ralph Chatfield	620
Funke, Werner	621
Grayner, George Henry	622
Hamilton, John Marshall	623
Mingo, Gaylord R.	624
Sacra, Thomas Allen, III	625
Smith, Clinton L.	626

ENGINEER-IN-TRAINING - Continued
Biggs, Donovan R. 627

ARCHITECT-IN-TRAINING

Berg, John Anton	63
Dick, John Wilson	64
Ives, Dexter A.	65
Leonard, R. Brooks	66
Turek, Robert L.	67

It was moved by Mr. Scholer and seconded by Mr. Eyring that the following applicants are to be denied for failure to appear for the written examination two consecutive times. Motion carried.

Benenati, Samuel R.	65-100	Engineer-in-Training
Blizzard, Max Sharon	66-2	Highway Engineer
Boltz, Barbara Bradstreet	64-1	Geologist-in-Training
Brittenham, James Davis	66-25	Highway Engineer
Burcham, Enis V., Jr.	64-49	Engineer-in-Training
Faulkender, DeWayne J.	65-5	Engineer-in-Training
Fox, Andrew John, Jr.	65-35	Mechanical Engineer
Guerin, Courtland F.	63-71	Engineer-in-Training
Hess, John Dawson	64-358	Geological Engineer
Jett, Robert Lee	65-143	Mechanical Engineer
King, Charles Thomas	65-82	Engineer-in-Training
Lay, George John	65-189	Highway Engineer
Lundstrom, Henry J.	65-85	Engineer-in-Training
Metzger, Henry G., Jr.	66-1	Architect-in-Training
Pell, Fredric R.	63-269	Structural Engineer
Peterson, James Rodney	64-111	Mechanical Engineer
Reber, Lyle Jonathon	65-19	Geologist
Reed, Alan Joseph	65-96	Engineer-in-Training
Robison, John Summey	65-76	Engineer-in-Training
St. Clair, Dennis Ray	65-95	Engineer-in-Training
Salman, Fadhil M.	65-90	Engineer-in-Training
Sellmeyer, John S.	65-117	Engineer-in-Training
Shaw, Robert Stanley	65-142	Civil Engineer
Swafford, James Eugene	65-244	Electrical Engineer

It was moved by Mr. Scholer and seconded by Mr. Marum that the following applicants be granted an extension to the April, 1967, examinations, upon special request even though they had failed to appear for the written examination two consecutive times. Motion carried.

Haupt, Charles Andrew	64-54	Civil Engineer
Kleiner, Frank Edward	65-250	Highway Engineer
Preble, Robert Emmett	61-84	Land Surveyor

It was moved by Mr. Scholer and seconded by Mr. Feldman that the following applicants are to be denied without prejudice as per their request. Motion carried.

Eggert, Louis Peter	66-225	Architect
Howe, Carl O., Jr.	66-163	Architect
Thomas, George Russell	66-180	Architect
Wiestling, Joshua Martin	65-136	Electrical Engineer

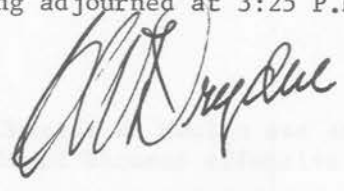
UNFINISHED BUSINESS

Discussion was held on Engineer-in-Training applications, particularly, in regard to the time limit established as to when an applicant may apply. It was moved by Dean Coleman and seconded by Mr. Dryden that the action of the Board at the June 3, 1966, meeting, Page 1842, restricting acceptance of applications for Engineers-in-Training to one calendar year of the time the applicant received his first degree or completed four years of experience be rescinded and the office instructed that Engineer-in-Training applications be accepted from college graduates at any time. Motion carried.

Mr. Dryden commended and requested that the Board go on record of its appreciation to Mr. N. R. Feldman for the fine review he had made for the Rules and By-Laws Committee. The Chairman so ordered that Mr. Feldman be so recognized.

ADJOURNMENT

There being no further business, the meeting adjourned at 3:25 P.M.



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
June 22 - 23, 1967

The meeting of the State Board of Technical Registration was called to order by Mr. John Girand, Chairman, in Room 164, Business Administration Building, Northern Arizona University, Flagstaff, Arizona, at 9:05 A.M., June 22, 1967.

PRESENT

- John Girand, Chairman
- Emerson C. Scholer, Vice-Chairman
- C. W. Dryden, Secretary
- Howard S. Coleman
- Carl T. Eyring
- N. R. Feldman
- Kemper Goodwin
- Andrew B. Marum
- Charles W. Newlin
- M. L. Vanlandingham
- Anthony Mason, Asst. Attorney General

ABSENT

The Executive Secretary reported that Mr. Charles W. Newlin was an observer at this meeting as his appointment to the Board becomes effective July 1, 1967.

It was moved by Mr. Eyring and seconded by Mr. Goodwin that the minutes of the meeting of the Board on March 16 and 17, 1967, be approved as presented. Motion carried.

It was moved by Mr. Scholer and seconded by Mr. Feldman that the minutes of the special meeting of the Board on March 30, 1967, be approved as presented. Motion carried.

FORMAL HEARING

It was announced that this was the time and the place for the formal hearing in the matter of the State Board of Technical Registration versus Louis Leslie Coon, Complaint No. 67001.

Mr. Emerson C. Scholer, member of the Board, was excused from his seat as he would appear as a witness on behalf of the Board in the above matter.

The Complaint and Notice of Complaint were read by the Secretary of the Board, and it was noted that Mr. Anthony Mason, Assistant Attorney General, was present to represent the Board and Louis Leslie Coon and Jack Ettinger of Silver, Silver, Ettinger and Karp, attorney for the respondent, were also present. The official court reporter for this hearing was Harold T. Shortridge, Division 1, Maricopa County Courthouse, Phoenix, Arizona.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that the formal hearing under Complaint No. 67001 proceed. Motion carried.

At the conclusion of the formal hearing, the Chairman thanked Mr. Coon and Mr. Ettinger for appearing and advised that the Board would take the matter under advisement and he would be notified of the findings. The Board then adjourned for lunch.

The meeting resumed at 1:30 P.M. with Mr. Emerson Scholer and the Assistant Attorney General Anthony Mason excused and absent from the deliberation room.

The Board deliberated and the following motions were successful with seven members conducting the deliberations and seven members voting on the findings:

It was moved by Mr. Goodwin and seconded by Dean Coleman that Louis Leslie Coon be found guilty of aiding and abetting an unregistered person to evade the provisions of the Technical Registration Act, namely, ARS 32-145 (1), (2) and (3). Seven voting, seven ayes, zero naves. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Marum that Louis Leslie Coon be found guilty by knowingly combining with an unregistered person. Seven voting, seven ayes, zero naves. Motion carried.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that Louis Leslie Coon be found guilty of acting as agent, partner, associate or otherwise of an unregistered person with the intent to evade the provisions of the Technical Registration Act. Seven voting, seven ayes, zero naves. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that Mr. Louis Leslie Coon having been found guilty of the charges contained in Complaint No. 67001, his certificate of registration be suspended. Seven voting, seven ayes, zero naves. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that the Chairman of the Board be directed to transmit by registered mail to Mr. Louis Leslie Coon letter as shown on Minute Page 2025. Motion carried.

Mr. Emerson Scholer and the Assistant Attorney General Anthony Mason then returned to the meeting.

REPORT OF THE EXECUTIVE COMMITTEE

There was no executive action between regular Board meetings and no report or discussion.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

There was reported to the Board by the Executive Secretary that the schedule of the members' terms, as of July 1, 1967, is as follows:

Kemper Goodwin	June 30, 1968
Charles W. Dryden	June 30, 1968
Carl T. Eyring	June 30, 1968
N. R. Feldman	June 30, 1969
M. L. Vanlandingham	June 30, 1969
John Girand	June 30, 1970
Emerson C. Scholer	June 30, 1970
Charles W. Newlin	June 30, 1970
Howard S. Coleman	Ex-Officio Member

STATE OF ARIZONA

62025

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS AND LAND SURVEYORS
SUITE 408, GUARANTY BANK BUILDING
3550 N. CENTRAL AVENUE
PHOENIX, ARIZONA 85012
264-3836

HOWARD S. COLEMAN
CARL T. EYRING
N. R. FELDMAN
KEMPER GOODWIN
ANDREW B. MARUM
M. L. VANLANDINGHAM

JOHN GIRAND
CHAIRMAN
EMERSON C. SCHOLER
VICE-CHAIRMAN
CHARLES W. DRYDEN
SECRETARY

June 26, 1967

Mr. Louis L. Coon
2343 E. Broadway
Tucson, Arizona

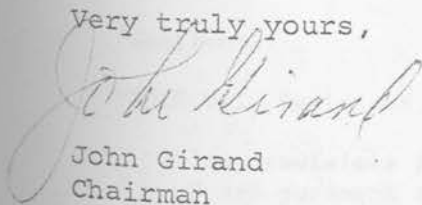
Dear Mr. Coon:

The Board has found you guilty of each and every charge set forth in Paragraph V, Sections A, B and C, thereof, respectively, of Complaint No. 67001, issued against you on May 18, 1967.

Therefore, the Board has ordered that your certificate of registration shall be suspended forthwith and that you shall forthwith desist from the practice of architecture, provided that, should you satisfy the Board that you have ceased to engage in the practices alleged in Paragraph V, Sections A, B and C, thereof, respectively, of said complaint and proved at the hearing held before the Board on June 22, 1967, the Board shall reissue your certificate of registration to you, at which time you shall again be permitted to engage in the practice of architecture.

Consequently, you are hereby directed to transmit your seal and certificate of registration to the office of the State Board of Technical Registration, at 3550 N. Central Avenue, Ste. 408, Phoenix, Arizona, on or before ten days from date.

Very truly yours,



John Girand
Chairman

It was moved by Mr. Dryden and seconded by Mr. Eyring that the Executive Secretary's request regarding the Secretary of the Board be accepted. Motion carried. It was moved by Mr. Goodwin and seconded by Mr. Dryden that Mr. Carl T. Eyring be elected Secretary for the ensuing year. Motion carried. It was moved by Mr. Scholer and seconded by Dean Coleman that the above action of the Board be tabled to the September election date. Motion carried.

It was announced by the Chairman that the scheduled advertisement for the formal hearing regarding the amendment to Rule I, General Rules, A.2, was now the order of business. The Chairman checked to see if any individuals had appeared for this formal hearing and ascertained that no one was present.

Letter from Central Chapter, Arizona Society of Professional Engineers was noted, Minute Page 2027.

It was moved by Dean Coleman and seconded by Mr. Marum that Rule I, General Rules, A.2, be amended to read:

- A.2 Engineers desiring registration in more than one branch must submit a separate application for each branch and pay the regular fee with each application. Registration in engineering will be granted in the major branches of engineering included in the college curricula approved by the Board. Major branches of engineering presently recognized by the Board are: Aeronautical, Agricultural, Chemical, Civil, Electrical, Engineering Science, Geological, Geophysical, Highway, Industrial, Mechanical, Metallurgical, Mining, Nuclear, Petroleum, Sanitary and Structural.

Nine members voting, seven ayes, one nay and one member abstaining. Motion carried.

The Executive Secretary was directed to file the amended rule change as was required with the Secretary of State.

Mr. Feldman reported on his study of the Rules and By-Laws and requested that the composite opinions of the members of the Board be considered when future rule changes were proposed. The Chairman indicated that further study on the Rules, By-Laws and opinions of the members was required and the Rules and By-Laws and Legislative Committees prepare to submit for consideration at the September meeting of the Board specific wording or specific programs for adoption.

The Chairman reported that there had been received in the office of the Board a petition by interested registrants requesting the Board hold a public hearing on the following rule change:

"Gentlemen:

"RULE VII, Revisions, states:

'Any revisions in the Rules and Regulations adopted by the Board pursuant to the authority of Arizona Revised Statutes of January 1956, as amended, shall be proposed and discussed at a meeting and, if approved, publication shall be made and a hearing shall be called as required by law for the

CENTRAL CHAPTER
ARIZONA SOCIETY OF PROFESSIONAL ENGINEERS
PHOENIX, ARIZONA



02027
RECEIVED
JUN 3 1967
STATE BOARD TECHNICAL REGISTRATION

June 5, 1967

Mr. Walter Edelblut, P.E., Executive Secretary
Arizona State Board of Technical Registration
3550 North Central Avenue
Guaranty Bank Building, Suite 408
Phoenix, Arizona 85012

Dear Walt:

It has come to our attention that an Engineer has made application to the Board for Registration as a Geophysical Engineer. This was brought to the attention of the Board of Directors of Central Chapter on June 1, 1967.

As you know, ASPE has taken great interest of late in all matters pertaining to registration and this particular item brought about the following concerns. The Central Chapter ASPE feels "every effort should be made to fit Geophysical Engineering into one of the present registration classifications". It was felt that one of the following classifications might well be considered: Chemical, Geological, Metallurgical, Mining or Petroleum.

Will you please bring this matter to the attention of the Board at the June 1967 meeting?

Yours truly,

Richard G. Guthrie, P.E.
President Elect

next regular meeting of the Board, at which time action will be taken.'

"The undersigned requests additions to the General Rules of the Board, as follows:

"Rule I. A. 2. At the end of the paragraph add:

'Registration will be granted also in the branch designated "Consulting": Registration in this branch will be granted automatically by the Board to any engineering registrant who holds a valid registration in any branch, who certifies to a permanent place of business, and who actively maintains in force and effect a professional liability insurance policy in a minimum amount of \$10,000.'

Mr. Girand, as Chairman, relinquished the meeting to Mr. Scholer. Mr. Girand reported that the above proposed Rule change had been sponsored by 48 registrants who felt that the change merited consideration by the Board. It was moved by Mr. Girand and seconded by Mr. Dryden that the Board follow the required procedure to conduct a formal hearing on the proposed change at the next regular meeting of the Board.

Discussion on the motion indicated that the motion should be withdrawn as more information was required before adoption. The motion was then withdrawn.

It was moved by Mr. Dryden and seconded by Mr. Goodwin that an opinion be secured from the Attorney General on the question as to whether or not the Board can legally adopt such Rule and upon its receipt, and circulation to all the members of the Board, the Chair determine if a special meeting is in order to advertise for the formal hearing. Motion carried.

It was emphasized by Dean Coleman that the petitioners be notified of the action of the Board and that if a formal hearing is to be scheduled, all interested registrants be notified.

Mr. Girand resumed the chair.

LEGISLATIVE COMMITTEE

It was reported by Mr. Goodwin that, as instructed by the Board at its March meeting, an opinion was requested from the Attorney General on the following question:

"Would violation of the existing statutes or case law occur where an appointive member of this Board operates as a consulting professional to other State agencies established by law?"

The reply had been received and is included as Minute Pages 2029 and 2030.

Mr. Goodwin, as Chairman of the Legislative Committee, reported on the work of his committee during the intervening months and indicated that a final report would be possibly available at the September meeting of the Board.

DARRELL F. SMITH, THE ATTORNEY GENERAL
STATE CAPITOL
PHOENIX, ARIZONA

May 8, 1967

DEPARTMENT OF LAW OPINION NO. 67-12 (R-69)

REQUESTED BY: Walter J. Edelblut, Jr., Executive Secretary
State Board of Technical Registration

QUESTION: Would a member of the State Board of Technical
Registration, acting in his private capacity,
violate any existing statutes or case law by
entering into contracts with other state
agencies?

ANSWER: No, provided that the prohibition set forth
in A.R.S. § 38-446 is strictly observed.

A.R.S. § 38-446 (A) provides that:

"Members of the Legislature or state, county, city,
town or precinct officers shall not be interested
directly or indirectly in any contract or in any
sale or purchase made by them in their official
capacity, or by any body or board of which they
are a member." (Emphasis added)

The statute, although requiring strict compliance, ad-
dresses itself solely to those instances in which the state
officer sits on the Board with which he is dealing. In McCarthy
v. State of Arizona, 55 Ariz. 328, 101 P.2d 449 (1940) the court
said:

"...disqualifications provided by the Legislature
are construed strictly and will not be extended to
cases not clearly within their scope, and the rule
is also that there is a presumption in favor of the
eligibility of one who has been elected or appointed
to public office."

Opinion No. 67-12

(R-69)

May 8, 1967

Page Two

Therefore, properly construed, A.R.S. § 38-446 (A) applies only when the Board member is interested in some matter to be acted upon by the Board of which he is a member, and does not prohibit his having a private interest in some matter to be acted upon by another Board or agency. See State v. Bohannon, 101 Ariz. 520, 421 P.2d 877 (1967).

Indeed, barring activities of the type specifically prohibited by A.R.S. § 38-446, it is the public policy of Arizona that, "...public officers and employees shall not be denied the opportunity, available to all other citizens, to acquire and retain private economic and other interests...". A.R.S. new § 13-281 (1) (B).

Consequently, it is the opinion of this office that a member of the State Board of Technical Registration may enter into contracts, in a private capacity, with other state agencies without violating any existing statutes or case law.

Respectfully submitted,



DARRELL F. SMITH
The Attorney General

DFS:sg

It was moved by Mr. Goodwin and seconded by Mr. Dryden that the report of the Legislative Committee be accepted. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Vanlandingham that the Board secure an opinion from the Attorney General regarding the compliance by other State and municipal agencies with the Technical Registration Act. Motion carried. The questions are as follows:

1. Does an appointed member of an elected State or municipal Board or agency affirm when accepting office that he will abide and uphold other Arizona Statutes?
2. Can the Board of Technical Registration require that municipalities comply fully with ARS 32-144.4, which is as follows:

"A non-registrant who designs buildings, the cost of which does not exceed ten thousand dollars each, or alterations, the cost of which does not exceed three thousand dollars for each building."

REPORT OF THE EXAMINATION COMMITTEE

The Chairman reported that the Board was advised, orally, and have discussed the fact that certain irregularities existed prior to the Electrical Engineering Examinations of April 30, 1967. We have, however, been unable to document the existence of any such irregularities, and, we are, therefore, accepting the grades on the examinations as shown. Should such documentation be brought to our attention in the future, we will act under Section 32-128 A.1.

It was moved by Dean Coleman and seconded by Mr. Eyring that the engineering examination grades be approved as recorded. Motion carried.

CIVIL ENGINEERING

No.	Name	Part I	Part II	Part III	Part IV	Passed
*66-291	Autrey, William Stanley	Ex	Ex	78	80	3,4
*61-7	Bridwell, George L.	Ex	Ex	P	100	4
*67-11	Briscoe, William Robert	Ex	Ex	90	90	3,4
*65-23	Celenza, Chester Nick	Ex	Ex	73	P	3
63-489	Delaney, John Leo	Ex	Ex	F	P	
*66-208	Derby, Newton B.	P	P	83	95	3,4
67-41	Deskins, John Wesley	70	70	F	85	1,2,4
*66-159	Ellis, William Blair	Ex	Ex	85	80	3,4

CIVIL ENGINEERING (Cont'd.)

No.	Name	Part I	Part II	Part III	Part IV	Passed
*66-282	Etz, John George	P	P	85	95	3,4
66-236	Geiser, Edward Frank	P	P	80	F	3
66-34	Grusendorf, Henry Clay	Ex	Ex	F	85	4
*65-107	Hall, John W.	P	P	P	75	4
*65-222	Harris, Edward Dean	P	P	P	85	4
*66-120	Harrison, James Dunbar	Ex	Ex	P	100	4
*67-21	Heaton, Lowell H.	Ex	Ex	85	85	3,4
*66-299	Jacobson, Norman Bruce	P	P	83	90	3,4
65-284	King, Lawrence S., Jr.	Ex	Ex	F	F	
67-24	Kreutz, Joseph Julius	70	70	F	75	1,2,4
67-59	Murphy, James Minter	P	P	F	85	4
*67-45	Nelson, Lawrence	Ex	Ex	95	90	3,4
*67-29	Richards, Alex Astorga	70	70	80	90	1,2,3,4
*65-66	Rider, David N.	P	P	70	95	3,4
*66-256	Rogers, Arthur Kay	P	P	70	80	3,4
61-96	Smith, Robert H.	P	P	F	P	
*66-274	Stahly, John David	Ex	Ex	95	85	3,4
*66-173	Stewart, Norman T.	P	P	73	P	3
*67-15	Whitaker, James Curtis	P	P	93	80	3,4
67-33	Willhite, Ronald Monroe	Ex	Ex	F	80	4
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
*66-309	Wyatt, Jesse R.	Ex	Ex	90	90	3,4

ELECTRICAL ENGINEERING

66-222	Albert, Guy Dean	P	P	85	F	3
*66-152	Baudo, G. Charles	89	89	83	83	1,2,3,4
66-260	Day, David S.	86	86	70	F	1,2,3
*66-261	Evans, James Henry	94	94	88	70	1,2,3,4

ELECTRICAL ENGINEERING (Cont'd.)

No.	Name	Part I	Part II	Part III	Part IV	Passed
62-64	Gordon, Joseph P.	Ex	Ex	F	P	
*66-267	Kohnen, Robert E.	Ex	Ex	85	83	3,4
*66-153	McDonald, Gordon Peter	P	P	73	P	3
67-30	Schwartzner, Arthur Richard, Jr.	Ex	Ex	F	F	
66-107	Smith, Dan Walter	F	F	F	F	
66-194	Thompson, Lawson Kay	P	P	80	F	3

ENGINEERING SCIENCE

67-50	Aadland, Donald Ingvald	Ex	Ex	F	F	
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GEOLOGICAL ENGINEERING

66-180	Hatcher, Otto	P	P	F	80	4
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HIGHWAY ENGINEERING

65-229	Blain, John	Ex	Ex	Ex	F	
*66-45	Bogensberger, William Arthur	70	70	P	P	1,2
*66-228	Bullock, Raymond Allen	Ex	Ex	73	75	3,4
66-239	Collon, William P.	Ex	Ex	F	80	4
*66-20	Craft, James William	70	70	P	80	1,2,4
*67-57	Gomez, Angel	Ex	Ex	70	75	3,4
*65-283	Herrick, Donald S.	Ex	Ex	Ex	85	4
65-250	Kleiner, Frank Edward	Ex	Ex	F	F	
*67-56	Meredith, Howard L.	Ex	Ex	80	90	3,4
66-144	Minter, Charles Bernard	Ex	Ex	F	100	4
*66-132	Rice, Harold R.	Ex	Ex	73	75	3,4
66-79	Shiflet, Chet	Ex	Ex	F	F	
*66-30	Thornton, Francis Edwin	Ex	Ex	P	100	4

MECHANICAL ENGINEERING

No.	Name	Part I	Part II	Part III	Part IV	Passed
66-174	Criger, Robert Bruce	Ex	Ex	DNA	F	
66-133	Dudley, Avery Denzil	Ex	Ex	F	85	4
67-46	Quiros, Jose M.	95	95	88	F	1,2,3
66-157	Thacker, William Nathan, Jr.	DNA	DNA	70	F	3
65-169	Wellington, Charles Kampfert	73	73	F	P	1,2

SANITARY ENGINEERING

66-254	Blackman, William C., Jr.	Ex	Ex	F	F	
66-139	Gantenbein, Robert Lowell, Jr.	P	P	F	P	
*66-191	Obr, Joseph Emil	Ex	Ex	78	75	3,4

STRUCTURAL ENGINEERING

No.	Name	Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
*65-294	Arthachinta, Thavorn	P	P	P	P	85	P	5
*65-198	Leavitt, Jack Atherton	P	P	P	P	82	P	5
63-399	Rodowicz, Stefan Joseph	Ex	Ex	P	P	85	F	5
66-42	Womack, Luther Dale	P	P	P	P	75	F	5

GEOLOGY

No.	Name	Part I	Part II	Part III	Part IV	Passed
66-306	Eisenberg, John Frederick	Ex	Ex	F	F	

LAND SURVEYING

66-128	Baldwin, Troy L.	F	F	P	P	
63-415	Jasmann, Myron Gene	F	P	P	P	
66-184	Koch, George Louis	P	F	P	P	
*66-39	Long, Gordon Harley	P	90	P	P	2

LAND SURVEYING (Cont'd.)

No.	Name	Part I	Part II	Part III	Part IV	Passed
61-84	Preble, Robert Emmett	F	P	P	DNA	
*66-179	Read, James O.	Ex	Ex	88	88	3,4
66-238	Smets, Russell James	F	70	77	78	2,3,4
*66-195	Turner, James Albert	81	86	86	87	1,2,3,4
*63-165	Voss, Jimmie E.	P	P	72	P	3
66-200	Voss, Roy Everett	70	F	80	F	1,3

ENGINEER-IN-TRAINING

GRADE

67-13	Anderson, Clifford Eric	95
67-21	Armer, William Allen	F
67-48	Behr, Michael Eugene	70
67-14	Booth, Robert D.	93
67-22	Bridges, Tommy LeRoy	96
67-49	Brooks, Arthur Neal	86
67-23	Bryant, Philip Marshall	70
67-28	Cluff, Philip Cloard	76
67-35	Cox, Gene Leonard	83
67-33	Coxon, Gary Dennis	70
67-2	Crafts, Robert Glen	F
66-24	Davis, Wilford Ervin	78
67-27	Dickens, Donald Richard	76
67-31	Drachman, Daniel Ogden	77
67-47	Ek, Eric Melford	93
67-10	Fay, James W.	F
67-50	Fleming, Michael Andrew	96
67-26	Goldman, Fred E.	78
67-56	Hall, Don Hughes	85

ENGINEER-IN-TRAINING (Cont'd.)

No.	Name	Grade
67-34	Hatch, Joseph Austin, III	88
67-16	Heggan, Richard John	90
67-20	Herrick, Hiram F.	88
67-57	Hibbs, William L., Jr.	86
67-45	Islam, Obaidul	82
67-19	Konrath, Edwin J., Jr.	90
67-32	Kramer, Peter George	79
67-36	Larson, Richard L.	79
67-4	Lasky, Marc Philip	70
67-54	Lester, John Stewart	F
67-37	Love, Walter Grant	87
66-44	McCassalin, Wade L.	F
65-92	McFadden, Gene Raymond	73
67-38	McLaughlin, Edward T.	70
67-24	McQueen, Alton E.	91
67-39	MacPherson, Douglas A.	85
67-52	Materi, John Steven	F
67-51	Matthews, Larry E., Jr.	79
67-17	Murphy, Dennis Robert	85
67-3	Powell, Jan P.	71
67-25	Priniski, George Stanley	86
67-40	Racer, Larry Dale	F
67-7	Revak, Joseph	86
67-30	Rice, Howard Hadley, Jr.	85
67-53	Rings, Ben Richard	73
67-41	Ross, Melvin G., Jr.	77
67-18	Seto, Sanford K.	F

ENGINEER-IN-TRAINING (Cont'd.)

No.	Name	Grade
67-8	Steele, Travis C.	85
67-42	Strang, William John	81
67-11	Tanner, Stephen L.	86
67-46	Tate, Shelby D.	83
67-43	Vanderplaats, Garret Niel	89
67-29	Wallace, Robert Marvin	70
67-1	Ward, Carl Maurice	85
67-55	Wilcox, Lynn Frederick	73
67-44	Wilson, James Grant	72
67-12	Wilson, Michael Jack	F
67-9	Zaleski, Robert J.	F

It was moved by Dean Coleman and seconded by Mr. Dryden that those applicants having now completed the written examinations be held for the personal audience requirement. Motion carried.

The report of the National Council of State Boards of Engineering Examiners on the Fundamentals of Engineering examination is recorded as Minute Page 2038 for information.

The Executive Secretary reported that the architectural examinations were held June 15th through the 18th and that the grades should be complete and ready for certification by the architectural members about August 1st. It is, therefore, requested informal approval to the release of these grades to the applicants as soon as certified by the architectural members. It was moved by Mr. Goodwin and seconded by Mr. Dryden that the Executive Secretary's report be accepted and implemented. Motion carried.

Following on Minutes Pages 2039 and 2040 are the schedules for the December, 1967, architectural and engineering examinations. It was moved by Mr. Goodwin and seconded by Mr. Eyring that the examination dates, as shown, be adopted. Motion carried.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Scholer and Mr. Vanlandingham reported on their attendance at the National Council of Architectural Registration Boards' Convention in New York City, and Mr. Feldman reported on his attendance at the Western



NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS
THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

P. O. DRAWER 752 CLEMSON, SOUTH CAROLINA 29631
June 7, 1967

To Member Boards of NCSBEE Using Uniform Examinations

Gentlemen:

I am attaching herewith the grade distribution curves on the majority of the examinations which have been graded to date. The fundamentals examination curve shows that the applicants made better grades this time than last year and you will note that only about 24% of the applicants made grades less than 70; therefore, you may find that for your state no adjustment of the grades is necessary. The distribution of grades by deciles is shown below for your state.

For those using the second day examinations, the distribution of grades is shown by major fields. Most of these came out with a good distribution curve and all except electrical were fairly close together. The curves represent the number of papers as shown in the lower part of the chart. A total of 650 papers is reported on these charts. Some adjustment will be necessary, particularly for the electrical examination which apparently was much more difficult than the other branches.

We trust that this will be of assistance to you in establishing final grades for the examinations. Sometime in the near future we will send the request for a summary of these final grades so that this information can be distributed to all of the State Boards without any identification of the individual State Boards being made. Your cooperation and assistance will be greatly appreciated.

Sincerely yours,

James H. Sams
Executive Secretary

JRS:lkc
enclosures

Number of your applicants in each decile													
	90-100	80-89	75-79	70-74	65-69	60-64	55-59	50-54	40-49	30-39	20-29	Under 20	Total
Fund.	10	21	9	7	11	6	-	2	-	-	2	-	68
	10	21	9	17	3	4	-	2	-	-	2	-	68

To plot on the curve, add figures for each decile starting on right, "Under 20"; and add each decile group to the total of the deciles below this group. Then express these a percent of the total number.

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

Location:

School of Architecture, Rooms 327 and 330, Arizona State University, Tempe, Arizona.

Saturday, December 16, 1967

9:00 A.M. to 12:00 Noon
Examination H, Professional Administration

12:30 P.M. to 5:30 P.M.
Examination I, Building Equipment

Sunday, December 17, 1967

9:00 A.M. to 12:00 Noon
Examination C, History and Theory

12:30 P.M. to 5:30 P.M.
Examination G, Structural Design

Monday, December 18, 1967

9:00 A.M. to 12:00 Noon
Examination F, Building Construction

12:30 P.M. to 5:30 P.M.
Examination D, Site Planning

Tuesday, December 19, 1967

8:00 A.M. to 8:00 P.M.
Examination E, Architectural Design

DECEMBER SCHEDULE OF EXAMINATIONS

I. SATURDAY, DECEMBER 2, 1967

- TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the New Engineering Center at Arizona State University.
- TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building, University of Arizona.

8:00 A.M. - 12:00 Noon

- All professional engineering applicants held for Part I, Basic Sciences.
- All professional geology applicants held for Part I, Basic Geology.
- All land surveying applicants held for Part I, Surveying Techniques.
- All Engineer-in-Training and Geologist-in-Training applicants held for Part I, Basic Sciences, or Part I, Basic Geology, subsections of the in-training examination.

1:00 P.M. - 5:00 P.M.

- All professional engineering applicants held for Part II, Engineering Sciences.
- All professional geology applicants held for Part II, Basic Geology.
- All land surveying applicants held for Part II, Computations.
- All Engineer-in-Training and Geologist-in-Training applicants held for Part II, Engineering Sciences or Part II, Basic Geology, subsection of the in-training exam.

II. SUNDAY, DECEMBER 3, 1967

- TEMPE, ARIZONA (only) - Report to Room G 150, Ground Floor of the New Engineering Center at Arizona State University

8:00 A.M. - 12:00 Noon

- Part III - Engineering Analysis - all branches of engineering
- Part III - Applied Geology
- Part III - Land Surveying Rules and Regulations

1:00 P.M. - 5:00 P.M.

- Part IV - Engineering Design - all branches of engineering
- Part IV - Geological Problems
- Part IV - Land Surveying Legal Principals

III. MONDAY, DECEMBER 4, 1967

- PHOENIX, ARIZONA (only) - Report to the Auditorium, Second Floor, Guaranty Bank Building, 3550 N. Central Avenue

8:00 A.M. - 12:00 Noon - Part V - Structural Engrs. - Comprehensive Engrg. Design

1:00 P.M. - 5:00 P.M. - Part VI - Structural Engrs. - Structural Engrg. Design

Zone, National Council of State Boards of Engineering Examiners, meeting in Reno, Nevada. It was moved by Mr. Vanlandingham and seconded by Mr. Feldman these reports be accepted. Motion carried.

It was moved by Mr. Scholer and seconded by Mr. Eyring that the questionnaire from Mr. Lawrence M. Robertson, Chairman of National Council of State Boards of Engineering Examiners Qualifications for Registration Committee, be referred to the Committee on Engineering Examinations for reply. Motion carried.

Letter from Alfred E. Rasmussen regarding dissemination of Board information was discussed and it was moved by Mr. Eyring and seconded by Mr. Feldman that the Board release the names of all new applicants to the professional magazine of the Arizona Society of Professional Engineers and the Arizona Architect with releases of this information to other publications requesting same. Motion carried.

REPORT OF THE BUDGET COMMITTEE

The Executive Secretary reported that the Arizona Legislature had made the following line item appropriations for the fiscal year 1967-1968:

Personal Services	\$22,600.00
Professional Services	1,000.00
Travel - State	2,300.00
Travel - Out of State	2,200.00
Current Fixed Charges	6,335.00
Other Current Expenditures	12,200.00
Capital Outlay - Equipment	650.00
Refunds	200.00
	<u>\$47,485.00</u>

It was moved by Mr. Goodwin and seconded by Mr. Eyring that we adopt and accept the Budget Committee recommendations and that the Executive Secretary be directed to file same to the Director of Finance by September first. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #1

Mr. Goodwin reported that the Grievance Committee #1 had scheduled a meeting for July 14th and at that time all matters presently assigned to Grievance Committee #1 would be discussed and a report to the Board submitted. It was moved by Mr. Goodwin and seconded by Mr. Dryden that this Board go on record that Grievance Committee hearings where the respondent is called for questioning be recorded by a qualified reporter. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #2

No report.

REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

It was moved by Mr. Dryden and seconded by Mr. Eyring that the report of the Special Office Procedures Committee meeting, Minute Page 2042, be accepted. Motion carried.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

DATE: June 16, 1967

TO: All Board Members

FROM: Executive Secretary

SUBJECT: Special Office Procedures Committee Meeting

The Special Office Procedures Committee met in conjunction with the Budget Committee on May 18th. The committee at that time authorized the purchasing of printed supplies and the following capital equipment:

- | | |
|---------------------|---------------------|
| Electric Typewriter | File Cabinets |
| Book Shelf | Dictating Equipment |
| Rolling Ladder | |

All of these items have been purchased and delivery is arranged for prior to July 1, 1967, so that payment can be made this year from the lump sum account.

W. Walker

It was reported that a meeting had been held between the members of the Board and a representative of the Arizona State Highway Department, Mr. William Bruce, on May 18th. It was felt that this meeting was most helpful and that the members of the Board should better evaluate the requirements of the members of the Arizona State Highway Department.

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REPORT OF THE EXECUTIVE SECRETARY

The Executive Secretary's Cash Flow Report #11 was submitted, Minute Page 2044 and he requested that Board members provide additional biographical information for the records of the Board.

It was also reported by the Executive Secretary that the Board should consider, in view of the limitations on out of state travel for the ensuing fiscal year, appointing a minimum number of members to attend these meetings.

The Executive Secretary reported on suggested guidelines for applications and it was moved by Mr. Scholer and seconded by Mr. Goodwin they be studied by the Board members and reported back at the next meeting. Motion carried.

READING OF COMMUNICATIONS

Letter from William A. Moore, Professional Engineer of San Antonio, Texas, was read for information.

Acknowledgement of flowers sent by the Board to Mrs. Helen Rosebrock was also read for the members' information.

READING AND CONSIDERING OF APPLICATIONS

It was moved by Mr. Goodwin and seconded by Mr. Eyring that the Executive Secretary's actions regarding the permanent registration and temporary certificate for George Burleigh Krona be affirmed. Motion carried.

Mr. Walter Edwin Dougherty appeared before the Board at 10:00 A.M., June 23rd, requesting reconsideration of the Board's requirements at its March meeting of Parts 3 and 4 of the written examination as the requirement for registration. At the conclusion of Mr. Dougherty's presentation, the Chairman thanked him for his appearance and advised he would be notified of the Board's decision. It was moved by Mr. Scholer and seconded by Mr. Dryden that the Board's determination made at the March meeting of the Board be affirmed. Motion carried.

Mr. Girand reported that a meeting had been held between the members of the Board and a committee of Oscar Lyon, Angus Chadwick and William Price of the Arizona State Highway Department, as authorized at the March meeting regarding highway applications. It was felt that this meeting was most informative and that the members could now better evaluate the applications for registration of the members of the Arizona State Highway Department.

Rhodes, William Albert Assayer File No. 66-255
It was moved by Mr. Dryden and seconded by Dean Coleman that this applicant, upon the recommendations of the Comprehensive Oral Examination Committee be held for the eight hour assaying written examination. Motion carried.

Estes, Leon D. Geological Engineer File No. 66-262
It was moved by Dean Coleman and seconded by Mr. Dryden that this applicant, upon the recommendations of the Comprehensive Oral Examination Committee be held for Parts 3 and 4 of the written examination. Motion carried.

CASH FLOW REPORT

DATE: May 31, 1967 02044

REPORT #11

Balance on Deposit as of July 1, 1966 - \$16,814.67

Appropriated Receipts
this month - \$2,827.80

Balance on Deposit as of Report Date - \$21,461.44

Classification	Estimated Expenses	Budget	Encumbered Since Report #10	Total Expended To Date	Unencumbered Balance
Salaries	22,600.00	22,600.00	2,003.36	20,734.68	1,865.32
Postage	2,000.00	2,000.00	104.08	1,547.56	452.44
Telephone	1,000.00	1,080.00	100.61	1,047.39	32.61
Travel - State	2,300.00	2,000.00	135.31	2,377.78	(377.78)
Travel - Out of State	2,200.00	2,000.00		1,764.73	235.27
Professional Services	1,000.00	3,500.00		98.00	3,402.00
Equip. Maint. & Rep.	200.00	200.00		65.71	134.29
Janitor Services	50.00	50.00	20.00	60.00	(10.00)
Railway Express	50.00	30.00			30.00
Annual Report	1,800.00	1,800.00		1,951.95	(151.95)
Miscellaneous	3,500.00	1,500.00	358.04	3,095.67	(1,595.67)
Supplies	3,500.00	3,500.00	1,770.02	3,894.11	(394.11)
Photographs	100.00	100.00		8.22	91.78
Rent - Office Equip.	100.00	200.00		59.25	140.75
Rent - Office	3,100.00	3,100.00	250.78	3,009.36	90.64
Rent - Other Offices	50.00	100.00		94.23	5.77
Bond - Officers	10.00	10.00		18.50	(8.50)
Insurance	125.00	125.00		26.00	99.00
St. Ret. OASI	1,700.00	1,600.00	151.42	1,337.97	262.03
Subscr. & Org. Dues	1,200.00	800.00		1,130.25	(330.25)
Office Equipment	0	300.00	881.04	881.04	(581.04)
Refunds	200.00	300.00	4.50	202.50	97.50
TOTALS	46,785.00	46,895.00	5,779.16	43,404.90	3,490.10

Adam, Carl H. Civil Engineer File No. 66-276
 Scott, Homer Bush, Civil Engineer File No. 66-272
 It was moved by Mr. Dryden and seconded by Mr. Girand that these applicants upon the recommendations of the Comprehensive Oral Examination Committee, be held for the personal audience. Motion carried.

Evans, James Marshall Highway Engineer File No. 66-295
 It was moved by Mr. Girand and seconded by Mr. Dryden that this applicant who was held in abeyance at the March meeting, now be held for Parts 3 and 4 of the written examination. Motion carried.

Bertoglio, John Dominic, Jr. Metallurgical Engineer File No. 66-310
 It was moved by Mr. Goodwin and seconded by Mr. Eyring that we accept the Executive Secretary's recommendations regarding this applicant and return his application. Motion carried.

Kilgore, John Douglas Civil Engineer File No. 67-23
 It was moved by Mr. Marum and seconded by Dean Coleman that this applicant, who requested reconsideration, still be required to take all four parts of the written examination. Motion carried.

McDonald, Vance L. Highway Engineer File No. 67-47
 It was moved by Mr. Eyring and seconded by Mr. Goodwin that the previous action on this applicant be upheld which had denied him for insufficient experience, requiring at least two more years before applying (subsequent to June, 1966). Motion carried.

The remainder of the applications for professional registration were reviewed by the Board member whose name appears with the applicant and the member's findings as presented to the Board for action are:

- I. It was moved by Mr. Scholer and seconded by Mr. Marum that the following applicants having met all requirements of this Board, which shall be confirmed by a personal audience and are so held for such audience. Motion carried.

CHEMICAL ENGINEERING

Stevens, James Irwin	67-71	Coleman
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CIVIL ENGINEERING

Allen, Frederick Ross	67-134	Dryden
Chilton, Mark	67-14	Dryden
Coburn, Dean Frederick	67-64	Girand
Coulter, Forrest Harmon	67-115	Dryden
Davis, Gordon Emerson	67-148	Dryden
Farnum, Lawrence B.	67-131	Girand
Harper, Donald Edward	67-95	Girand
Hiestand, Jacob Richard	67-126	Girand
Longfellow, Henry Wadsworth	67-66	Dryden
Morrison, Lloyd Fletcher	67-108	Girand
Nelson, LaVern Carrol	67-109	Marum
Tankersley, Marion B.	67-31	Girand

ELECTRICAL ENGINEERING		
Gee, Lin H.	67-18	Coleman
Ireland, Eugene F.	67-49	Eyring
Stanley, Richard Holt	66-303	Coleman
Stevens, Abram Mackey	67-136	Eyring
GEOLOGICAL ENGINEERING		
Waggoner, Eugene Benjamin	67-93	Coleman
HIGHWAY ENGINEERING		
Baker, Robert Lane	67-9	Dryden
INDUSTRIAL ENGINEERING		
Mott, Clinton Parker	67-125	Dryden
MECHANICAL ENGINEERING		
Kushner, Harold Tobias	67-88	Eyring
Price, Thornton W.	67-76	Feldman
Schneider, Joseph	67-69	Feldman
Stanley, Richard Holt	67-79	Coleman
Steele, Ralph C.	67-70	Feldman
METALLURGICAL ENGINEERING		
Wickham, James Forest	67-127	Coleman
MINING ENGINEERING		
Thompson, James Victor	67-75	Coleman
NUCLEAR ENGINEERING		
Trenholme, William Maclaren	67-112	Eyring
PETROLEUM ENGINEERING		
Walsh, Ewell Norwood	67-111	Coleman
STRUCTURAL ENGINEERING		
Dominguez, Renan G.	67-100	Dryden
Dyer, George Owen	67-65	Dryden
Spitzer, Harry Jack	67-90	Dryden
Wing, Wayman C.	67-39	Dryden
LAND SURVEYING		
Chilton, Mark	67-13	Dryden
Youngstrand, Marvin Lawrence	67-84	Dryden

II. It was moved by Mr. Marum and seconded by Mr. Scholer that the following applicants having apparently met all of the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held. Motion carried.

ASSAYING		
Richard, Harold Edward	67-87	Coleman
CIVIL ENGINEERING		
Norell, Jacques John	66-287	Dryden

III. It was moved by Mr. Goodwin and seconded by Mr. Eyring that the following applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency. Motion carried.

ARCHITECTURE

June Examination

Berg, Jon Anton	67-103	Committee	D,E,F,H
Bucher, Helmut	67-80	Committee	C,D,E,F,G,H,I
Hunt, David Nathaniel	67-94	Committee	D,E,F,H
Leonard, Robert Brooks	67-82	Committee	D,E,F,H
Richards, Marston Edwin	67-92	Committee	C,D,E,F,G,H,I
Tachuk, Donald M.	67-81	Committee	C,D,E,F,G,H,I
Turek, Robert Ladd	67-96	Committee	D,E,F,H
Zeaman, Andrew N.	67-48	Committee	C,D,E,F,G,H,I

December Examination

Aros, Bernard Anthony	67-85	Committee	C,D,E,F,G,H,I
Aye, Maung Khin	67-62	Committee	C,D,E,F,G,H,I
Martinson, Gudmund	67-117	Committee	C,D,E,F,G,H,I
Oshiro, Roy Seikichi	67-113	Committee	C,D,E,F,G,H,I

CIVIL ENGINEERING

Barnett, William Oliver	67-99	Girand	Parts 3 and 4
Hansen, Robert Leroy	67-83	Marum	Parts 3 and 4
Nicklaus, Eldon Vonne	67-68	Dryden	Parts 3 and 4
Schroeder, Curtis Vastine	66-314	Girand	Parts 3 and 4
Talbot, Arthur Lee, III	67-72	Dryden	Parts 3 and 4
Tucker, Wayne	67-74	Dryden	Parts 3 and 4

ELECTRICAL ENGINEERING

Hadra, Carl Minton	67-104	Eyring	Part 3
Hockenberger, Philip Rodney	67-101	Eyring	Parts 3 and 4
Roberts, George Powers	67-130	Eyring	Parts 1, 2, 3 and 4
Schick, Larry Lee	67-121	Eyring	Parts 1, 2, 3 and 4
Stevens, Lanier Guion	67-91	Feldman	Parts 1, 2, 3 and 4
Tobey, Gene Earl	67-78	Eyring	Parts 3 and 4
Vipond, William L.	67-52	Eyring	Parts 3 and 4
Whitby, Eugene Roland	67-128	Feldman	Parts 3 and 4

HIGHWAY ENGINEERING

Berliner, Erwin	67-63	Dryden	Parts 3 and 4
Howard, Robert L.	67-129	Dryden	Parts 3 and 4
Ryan, Seymour William	67-132	Dryden	Parts 3 and 4
Simonson, Lee Idor	67-53	Girand	Parts 1, 2, 3 and 4
Turner, John McLean, Jr.	67-73	Dryden	Part 4

MECHANICAL ENGINEERING

Argenbright, Kenneth Allen	67-98	Eyring	Parts 3 and 4
Brooks, Philip Benjamin	67-12	Feldman	Parts 3 and 4
Edgar, Harry William	67-97	Eyring	Parts 3 and 4
Malley, Richard Joseph	67-44	Feldman	Parts 1, 2, 3 and 4
Palmer, Stewart Richard	67-86	Feldman	Parts 3 and 4
Quiros, Jose Mario	67-46	Eyring	Parts 1, 2, 3 and 4

STRUCTURAL ENGINEERING			
Tebault, Robert Ernest	67-51	Dryden	Parts 5 and 6
Wagner, Frank L.	67-77	Dryden	Parts 3, 4, 5 and 6

GEOLOGY			
Carpenter, Gene C.	67-116	Eyring	Parts 3 and 4

LAND SURVEYING			
Clark, Richard Gene	67-106	Dryden	Parts 3 and 4

- IV. It was moved by Mr. Goodwin and seconded by Mr. Marum that the following applicant having met all requirements of this Board, including the personal audience, shall be granted registration after they have submitted a satisfactory treatise and problem. Motion carried.

Blair, Billy Joe	67-89	Committee
Eckhoff, Arnold W.	67-107	Committee
Ost, Louis George, Jr.	67-118	Committee
Warner, Charles H., Jr.	66-315	Committee

The following applicants for Engineer-in-Training registration are to be denied for failing to supply the necessary transcript and current address, moved by Mr. Eyring and seconded by Dean Coleman. Motion carried.

Anderson, Gary Lee	62-5
McMillan, Douglas B.	63-468
Peabody, Stanley J.	57-1

It was moved by Mr. Goodwin and seconded by Dean Coleman that the following applicants are to be denied for failure to complete the requirements, as indicated, of the Board within a reasonable length of time. Motion carried.

Seismic requirement

Boone, Res Mills	66-226	Architect
Dekker, Arthur W.	66-224	Architect

Personal Audience requirement

McDonald, Morrell A.	66-114	Civil Engineer
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Written Examination requirement

Benyo, Andrew Gerard	65-115	Engineer-in-Training
Bloyed, Ray F.	66-13	Engineer-in-Training
Gailfus, Robert C.	65-43	Engineer-in-Training
Gee, Yett L.	66-141	Structural Engineer
Haupt, Charles Andrew	64-54	Civil Engineer
Kelm, Robert L.	66-6	Engineer-in-Training
Krafthefer, Robert M.	66-33	Engineer-in-Training
Lippman, George Albert	66-20	Engineer-in-Training
Litwornia, Alexander Joseph	66-1	Engineer-in-Training
Lundmark, George Edward	64-58	Electrical Engineer
Moore, Thomas Eugene	65-115	Civil Engineer
Rinehart, Ernest Ray	66-72	Electrical Engineer
Smee, Peter Goodwin	66-67	Electrical Engineer
Wiley, Donald Moore	65-45	Civil Engineer

It was moved by Mr. Dryden and seconded by Mr. Eyring that the following applicants are to be denied without prejudice at their request. Motion carried.

Hafferman, Robert Thomas	66-85	Land Surveyor
Krause, Karl Arthur	66-268	Structural Engineer

It was moved by Mr. Dryden and seconded by Dean Coleman that the following applicants for professional registration have completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Dixon, Frederick Wallace	6541
Dobrusky, Thomas A.	6542
Grenzbach, Edward Augustus	6543
Hamilton, Forrest Derrel	6544
Kahl, John Martin	6545
Koehler, Clements Conrad	6546
Moffitt, J. Barry	6547
Rader, Albert D.	6548

CHEMICAL ENGINEERING

Brown, Sidney Alfred	6549
Toncre, Arthur Charles	6550

CIVIL ENGINEERING

Alexander, Wm. Davidson	6551
Arthachinta, Thavorn	6552
Boyd, Harold Walter	6553
Carney, James Henry	6554
Chilton, Bobby Glenn	6555
Cole, Edward Merrell	6556
Danley, Henry W.	6557
Davey, Thomas Morton	6558
DeArmond, Gene Vincent	6559
Forester, Paul L.	6560
Galloway, Clyde Donald	6561
Garrison, Grove Morgan	6562
Gilbert, Andrew J.	6563
Gnaedinger, John Phillip	6564
Goff, Warren	6565
Gostinski, Leonard	6566
Grigg, Charles Dennis	6567
Hamm, M. Kent	6568
Harrah, Stuart Kenneth	6569
Heimpel, Alfred Jorgen	6570
Johnston, Leonard Earnest	6571
Judd, A. James	6572
Krull, Darrell Lee	6573
Leavitt, Llewellyn Goodwin	6574
Lizardi, Joe Haro	6575
McAlpin, Ronald Blaine	6576

McCann, James Floyd	6577
Montalvo, Hector R.	6578
Moore, Gordon Eldridge	6579
Nelson, John Bremer, Sr.	6580
Olivarez, David Rios	6581
Pape, John Claude	6582
Penney, Gordon Edward	6583
Potts, Robert Clifford	6584
Raby, Daniel Carl	6585
Rader, Tommy F.	6586
Rhodes, Barry Parker	6587
Roe, E. Chester	6588
Smith, Edwin Eugene	6589
Smithson, Ellis Brady	6590
Talbert, Carroll Guy	6591
Taylor, Jack Rae	6592
Wegener, Peter William	6593
Westfall, Herbert Charles	6594
Wittmann, Edward Joseph	6595
Wooldridge, Donn	6596

ELECTRICAL ENGINEERING

Clay, Robert Earl	6597
Denbrock, Frank A.	6598
Hendricks, Paul P.	6599
Hosso, Harry Victor	6600
Hughes, David Armon	6601
Knecht, Andrew Wilson	6602
Lewellyn, Jack Richard	6603
Lorrig, Robert James	6604
Mozur, David	6605
Rath, Wilbert F.	6606

GEOLOGICAL ENGINEERING

Manera, Paul Allen	6607
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HIGHWAY ENGINEERING

Crisp, Gary Franklin	6608
Hill, John O.	6609
White, Lawrence L.	6610

INDUSTRIAL ENGINEERING

Merriam, Dale W. 6611

MECHANICAL ENGINEERING

Bachus, Benson Floyd 6612
 Egan, Joseph William 6613
 Hofinger, Fred F. 6614
 Jeffries, Frank James 6615
 Knecht, Andrew Wilson 6616
 Thomas, William Ray 6617
 Tickle, Daniel Edward 6618

METALLURGICAL ENGINEERING

Allen, Philip Frederick 6619
 Reinmiller, Frank W. 6620
 Stokes, James Leroy 6621

MINING ENGINEERING

Fletcher, James B. 6622
 Lowell, James David 6623

NUCLEAR ENGINEERING

Bregar, John Francis 6624

STRUCTURAL ENGINEERING

Birtch, Dale Ray 6625
 Peterson, William E. 6626
 Wooldridge, Donn Gilbert 6627

ASSAYING

Thompson, Edwin Clayton, Jr. 6628

LAND SURVEYING

Buck, Gilbert Denton 6629
 Hodel, Kenneth Lee 6630
 Lagomarsino, Louis C., Jr. 6631
 Nelson, Robert A. 6632

ARCHITECT-IN-TRAINING

Graff, Ronald Vernon 68

ENGINEER-IN-TRAINING

Anderson, Robert L. 629
 Baker, Christopher Jerome 630
 Bosse, A. J., Jr. 631
 deStwolinski, Lance William 632
 Dryden, Charles Wyatt 633
 Fusler, Allan Henry 634
 Garrett, Arthur Richard, II 659
 Goetz, John Lawrence 635
 Gosse, Gary Edward 636
 Henderson, Jackson Lyle 637
 Hiatt, Harley Rue 638
 Islam, Obaidul 639
 McFadden, James P. 640
 McQueen, Alton E. 641
 Malone, Fowler 642
 Massucco, Joseph, Jr. 643
 Merkel, O. Fred. 644
 Norvelle, Thomas Lynn 645
 Paddock, Francis Clare, Jr. 660
 Payson, Jeffrey P. 646
 Randolph, Ward S. 647
 Reiley, Wayne Patrick 648
 Richards, Glendon Lee, Jr. 649
 Ross, Melvin G., Jr. 650
 Russell, Thomas E. 651
 Smith, David Alastair 652
 Stump, Richard Anthony 653
 Ward, Carl Maurice 654
 Welker, Douglas Scott 655
 Willock, James Michael 656
 Wooldridge, Carolyn B. 657
 Zimmerman, Eugene G. 658

The Nevada Board inquired about John Nicholas Faick, registered Geologist, No. 6352, and it was moved by Mr. Dryden and seconded by Mr. Scholer that we notify Nevada that Arizona does have a category of geological engineering and Mr. Faick has not applied for same in Arizona. Motion carried.

UNFINISHED BUSINESS

It was moved by Mr. Goodwin and seconded by Mr. Eyring that letters between the Central Chapter, American Institute of Architects, and Mr. Goodwin be closed. Motion carried.

NEW BUSINESS

It was moved by Mr. Scholer and seconded by Mr. Goodwin that the Executive Secretary and engineering members be authorized to attend the National Council of State Boards of Engineering Examiners National Convention, at Wilmington, Delaware, August 15 - 18, 1967. Motion carried.

It was moved by Mr. Scholer and seconded by Mr. Goodwin that the established dates for review of architectural applicants would be September 7th and 8th. Motion carried.

It was moved by Mr. Eyring and seconded by Mr. Marum that the next regular meeting of the Board be held in the Auditorium, Guaranty Bank Building, Phoenix, Arizona, on September 21st and 22nd. Motion carried.

Chairman Girand recognized that Mr. Andrew B. Marum would no longer become a member of this Board on June 30, 1967, and that his services, even though of short duration, were greatly appreciated by the members and his absence from the Board would indeed be a loss.

ADJOURNMENT

It was moved by Mr. Dryden and seconded by Mr. Vanlandingham that the meeting of the Board be adjourned. Motion carried.

The meeting adjourned at 5:25 P.M.



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
July 31, 1967

A telephone meeting of the State Board of Technical Registration was called by John Girand, Chairman, from the office of the Board, Phoenix, Arizona, on Monday, July 31, 1967.

 CALLED

John Girand, Chairman
Emerson C. Scholer, Vice-Chairman
C. W. Dryden, Secretary
Howard S. Coleman
Carl T. Eyring
N. R. Feldman
Kemper Goodwin
M. L. Vanlandingham

 UNABLE TO CONTACT

Charles W. Newlin

The meeting was called for the purpose of considering the re-issuance of the certificate of registration to Louis Leslie Coon, Architect, No. 5007, said certificate having been suspended by the Board at its June 22nd meeting in Flagstaff, Arizona, after a formal hearing.

The Assistant Attorney General having previously forwarded to the Board documents indicating compliance with the Technical Registration Act by Louis Leslie Coon and recommended that, should the Board see fit, it would be in order to terminate the suspension of the certificate of registration.

It was moved by Mr. Goodwin and seconded by Mr. Dryden that the certificate of registration of Louis Leslie Coon, Architect, No. 5007, suspended after a formal hearing before the Board on June 22, 1967, be reinstated this date. Eight members voting, seven ayes, zero nays and one abstaining. Motion carried.



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
September 28 - 29, 1967

The meeting of the State Board of Technical Registration was called to order by Mr. John Girand, Chairman, in the Auditorium of the Guaranty Bank Building, Phoenix, Arizona, at 9:25 A.M., September 28, 1967.

This meeting was originally scheduled in the Minutes of June 23rd as September 21st but was delayed by order of the Chairman due to a lack of a quorum on September 21st.

PRESENT

John Girand, Chairman
C. W. Dryden, Secretary
Howard S. Coleman
Carl T. Eyring
N. R. Feldman
Kemper Goodwin
Charles W. Newlin
M. L. Vanlandingham
Anthony Mason, Asst. Attorney General

ABSENT

Emerson C. Scholer, Vice-Chairman

It was moved by Dean Coleman and seconded by Mr. Eyring that the minutes of the meeting of the Board on June 22nd and 23rd, 1967, be approved as presented. Motion carried.

It was moved by Mr. Vanlandingham and seconded by Mr. Goodwin that the telephone meeting of the Board on July 31, 1967, on Coons and Chonis, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

There being no committee meetings between regular Board meetings, no report was submitted.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

As established in the By-Laws, Section 1 (4), the election of new officers, must be held at this meeting.

It was moved by Mr. Dryden and seconded by Mr. Newlin that the election of officers for the 1967-1968 year be the next order of business. Motion carried.

It was moved by Mr. Goodwin and seconded by Dean Coleman that Mr. M. L. Vanlandingham be elected Chairman. Motion carried unanimously.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that Mr. N. R. Feldman be elected Vice-Chairman. Motion carried unanimously.

It was moved by Mr. Dryden and seconded by Mr. Newlin that the election of Mr. Carl T. Eyring, as Secretary of the Board, on June 22, 1967, and tabled at that meeting, be taken from the table and made effective. Motion carried unanimously.

Mr. Dryden reported on ARS 32-125.B., Seals for Registrants, and Rule IV (2) Use of Seals, which was prompted by a discussion during the personal audience of an applicant for professional registration as an Assayer. Mr. Girand made a short statement concerning the Rules and By-Laws, amplifying Mr. Dryden's report. Mr. Dryden passed out sample reports of assaying and laboratory tests, indicating that these reports were accepted for usage without the seal of the registered Assayer, and that clarification of the Statutes and Rules was required. It was moved by Mr. Dryden and seconded by Dean Coleman that an opinion be secured from the Attorney General clarifying the above Statute and Rules, specifically, where it concerns Assayers. Motion carried.

Mr. Goodwin observed that the Rules are based upon the Laws as now written. Meetings between the Committee of this Board and Arizona Society of Professional Engineers are reported under Legislative Committee and these require the attention of the members of this Board if changes are proposed.

Mr. Girand stated that other states do and this State should, in a law change consideration, recognize the difference between professional engineers employed by others and professional engineers acting as Consultants, because of the financial liability and responsibility of the Consultants.

The opinion from the Attorney General regarding proposed Rule change, requested at the June meeting of the Board on the clarification of Consulting Engineers, is as per Minute Pages 2055, 2056 and 2057. It was moved by Mr. Eyring and seconded by Mr. Dryden that the opinion be accepted and not action be taken on a hearing for a Rule change. Motion carried.

Mr. Feldman reported on a meeting held September 27, 1967, at which the following members were in attendance:

- | | |
|----------------|---------------------|
| C. W. Dryden | Charles W. Newlin |
| Carl T. Eyring | M. L. Vanlandingham |
| N. R. Feldman | |

The members reviewed the report made in March by Mr. Feldman, as a member of the Rules and By-Laws Committee. The contents of this report and actions noted by the Board are as follows:

Adopt a title or creed for the Technical Registration Act (Arizona State Board of Technical Registration in order to Safeguard the Public's Health, Welfare, Convenience, Safety, Preserve Life and Prevent Damage adopts these Rules and Regulations).

It was moved by Dean Coleman and seconded by Mr. Girand that this item be referred to the Attorney General's Office for a determination of the Board's authority to adopt such creed. Motion carried.

Mr. Feldman reported that as the applicants now certify to the Code of Ethics, as shown on the fly-leaf of our Code, Rules and By-Laws, whether or not this Board should adopt such Code of Ethics as a Rule. It was moved by Mr. Newlin and seconded by Mr. Dryden that consideration of the Code of Ethics as a part of the Rules be subject to an approval by the Attorney General's Office. Motion carried.

It was further reported by Mr. Feldman that the Committee favorably consider that as a part of each application, the applicant be required

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

August 4, 1967

Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
3550 North Central Avenue
Phoenix, Arizona 85012

Dear Mr. Edelblut:

This is in reply to your inquiry concerning the propriety of adding "consulting" to the branches of engineering regulated by Rule I(A)(2).

A.R.S. §32-106(b) states:

"The board shall specify on the certificate of registration and annual renewal card issued to each registered engineer the branch of engineering in which he has demonstrated proficiency, and authorize him to use the title of registered professional engineer. The board shall decide what branches of engineering shall be thus recognized." (Emphasis Supplied)

Pursuant to the authority granted to it by this section, the Board enacted Rule I(A)(2), which sets forth the branches of engineering presently recognized by the Board as follows: "aeronautical, agricultural, chemical, civil, electrical, engineering science, geological, geophysical, highway, industrial, mechanical, metallurgical, mining, nuclear, petroleum, sanitary and structural."

Walter J. Edelblut, Jr.
August 4, 1967
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It is clear from the foregoing that the statute contemplates and that Rule I(A)(2) has heretofore only dealt with areas of engineering proficiency. A "consulting engineer" is understood by this office to mean an engineer in private practice. The term "consulting," then, is an economic rather than an engineering classification and would cut across all branches of engineering proficiency. Because "consulting" clearly is not itself such a branch, it would not be proper to so designate it in Rule I(A)(2). To do so would exceed the authority granted to the Board by §32-106 (B), and there is no specific authority for its inclusion in Rule I(A)(2) under any other section of the Technical Registration Act.

It is well settled that an administrative agency may not, under the guise of rule-making, substitute its judgment for that of the Legislature, and may not exercise its powers to modify or enlarge the provisions of the legislative act which it administers. Certainly, an administrative agency is entirely without the power to enact laws or ordinances. Loftus vs. Russell, 69 Ariz. 245 at 254, 212 P.2d 91; Hernandez vs. Frohmiller, 58 Ariz. 242, 204 P.2d 854 at 862; Harris vs. Alcoholic Beverage Control, Appeals Board, 39 Cal. Rptr. 192 at 195; 73 C.J.S. Public Administrative Bodies and Procedures, §94.

Consequently, it is the opinion of this office that the proposed addition to Rule I(A)(2), because it goes beyond matters of engineering proficiency, would be an exercise of power by the board in excess of that properly delegated to it by the Legislature, and, therefore, would constitute an encroachment upon the powers of the Legislature.

I hope this information is helpful to you. Please do not

Walter J. Edelblut, Jr.
August 4, 1967
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hesitate to call upon us if we may be of further assistance to you.

Sincerely,

DARRELL F. SMITH
The Attorney General

Anthony H. Mason

ANTHONY H. MASON
Assistant Attorney General

AHM:md

to sign a waiver, properly notarized, authorizing the transmitting of reference material on the applicant and release the Board and said reference from liability in furnishing or securing this information. It was moved by Mr. Feldman and seconded by Mr. Dryden that the Board adopt a suitable waiver form, approved by the Attorney General's Office, and said waiver be made a part of each application for professional registration and be properly signed and notarized by the applicant. Motion carried.

Mr. Feldman then reported on publicizing applications to the professional chapters in Arizona and publications. It was moved by Mr. Goodwin and seconded by Mr. Eyring that the Executive Secretary be directed to release such information to the societies and professional publications once a month to facilitate dissemination of applications in process. Motion carried.

Mr. Feldman reported that the following Statute changes were favorably considered by the Committee:

1. Injunctive privilege.
2. Fees
 - a. Architects or P.E. or L.S. - \$50.00, plus examination fees to include current year's registration.
 - b. AIT-EIT-GIT, etc. - \$10.00, at Board's option.
 - c. Out-of-State comity applications - twice resident fees, includes current year's registration.
 - d. Temporary - \$150.00 for 3-month period.
 - e. Renewals - Architects, P.E., L.S., etc. \$25.00 per year.
AIT-EIT-GIT - none
3. Legal hearings on all complaints.
4. Twenty-five dollars per diem for members plus actual expenses.

It was moved by Mr. Dryden and seconded by Dean Coleman that the above items be referred to the Legislative Committee for consideration and implementation. Motion carried.

Mr. Feldman reported that the committee had discussed licenses by the Registrar of Contractors of non-registrants which now may conflict on the Statute of the definition of "engineer." It was moved by Mr. Feldman and seconded by Mr. Vanlandingham that the Executive Secretary and the Assistant Attorney General be directed to negotiate with the Registrar of Contractors regarding the Class A Engineering Licenses which, when issued and having the term engineering in the firm name when registered professional engineers are not authorized officers or partners under ARS 32-141, be, if possible, revised so as not to conflict with ARS 32-101 (6) and (7). Motion carried.

It was further reported by Mr. Feldman that the committee had discussed enforcement of the requirement of seals and signature on all plans and specifications submitted for permits. This is provided by the present law and was confirmed by an opinion reported later by the Attorney General.

It was moved by Mr. Feldman and seconded by Mr. Eyring that the Executive Secretary review insurance coverage on the Board members, particularly, regarding their acts as members, slander and use of their own vehicles and travel liability under State coverage and report by memo to the Board. Motion carried.

It was moved by Mr. Feldman and seconded by Mr. Eyring that renewals for 1969, and thereafter, registrants be requested to provide the Board with their current employment, association and title. Motion carried.

Mr. Feldman reported that in light of legal action in other areas, it would be recommended that if our Code is revised, a statement be made in the Statute that one portion being held unconstitutional would not affect the remainder of the Statute. Mr. Mason said that this was not required as the court would decide whether or not one portion of the Statute was severable from the rest of the Statute.

It was moved by Mr. Goodwin and seconded by Mr. Feldman that all legislative items be referred to the Legislative Committee for consideration and implementation. Motion carried.

Mr. Feldman further reported that other discussions by the committee were, in effect, a meeting of the Special Office Procedures Committee and would be reported under that item. The Chairman thanked Mr. Feldman for the submittal and discussion of the Committee meeting and that the report was accepted.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Girard submitted the following report, Minute Page 2060, on the Ad Hoc Committee which has been meeting with the Arizona Society of Professional Engineers. Mr. Goodwin, as Chairman of the Legislative Committee, expanded on Mr. Girard's written report, stating that certain areas of our present laws were under serious consideration by the committee for change and that the areas were:

1. Definition and defining practice for Landscape Architects.
2. Revisions to the definition of "engineering practice."
3. Revisions to the requirements for registration and submittal of application for Grandfather's Clause for Landscape Architects.

Mr. Goodwin further reported on the letter opinion from the Attorney General, No. 67-32-L (R-95), attached as Minute Pages 2061, 2062, 2063 and 2064, which definitely establishes the requirement for State, municipalities, and county officials to uphold the Technical Registration Act.

It was moved by Mr. Goodwin and seconded by Mr. Vanlandingham that the Executive Secretary transmit to all of the Mayors, City Managers and City Attorneys in Arizona, as well as the County Board of Supervisors, copies of the above opinion, notifying them of the Board's desire that they voluntarily comply. Motion carried.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

DATE: September 15, 1967

TO: All members of the Board

FROM: John Girand, Chairman

SUBJECT: Ad Hoc Committee of the State Board of Technical Registration and Arizona Society of Professional Engineers

For the past few months, Charles Dryden, Kemper Goodwin and myself, as a Ad Hoc Committee, have been meeting with members of the Arizona Society of Professional Engineers to discuss the Technical Registration Act. The committee elected Dick Guthrie, President of the Central Chapter of the Arizona Society of Professional Engineers, Chairman and have devoted many Thursday afternoons to possible revisions and assimilation of ideas.

This committee has been making a decided progress, however, have no affirmative recommendations to make at this time.

These conversations have been of an advantage to all and I sincerely recommend to the new chairman of the Board that when appointments are under consideration, members of the State Board be appointed to continue on this committee.

DARRELL F. SMITH, THE ATTORNEY GENERAL
STATE CAPITOL
PHOENIX, ARIZONA

September 15, 1967

DEPARTMENT OF LAW LETTER OPINION NO. 67-32-L (R-95)

REQUESTED BY: WALTER J. EDELBLUT, JR., Executive Secretary
State Board of Technical Registration

- QUESTIONS:
1. Are appointed or elected members of a state or municipal board or agency required to swear or affirm when accepting office that they will abide by and uphold the laws of Arizona?
 2. Can the State Board of Technical Registration itself require other state and municipal boards and agencies to comply with A.R.S. §32-144 (4)?

- ANSWERS:
1. Yes.
 2. No, but the Board may secure an order from the Superior Court requiring compliance with A.R.S. §32-144 (4).

1. Are appointed or elected members of a state or municipal board or agency required to swear or affirm when accepting office that they will abide by and uphold the laws of Arizona?

A.R.S. §38-231(G) does set forth such a requirement in the following language:

"In addition to any other form of oath or affirmation specifically provided by law for an officer or employee, before any officer or employee enters upon the duties of

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(R-95)
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his office or employment, he shall take and subscribe the following oath or affirmation:

State of Arizona, County of _____, I, _____ do solemnly swear (or affirm) that I will support the Constitution of the United States and the laws of the State of Arizona; that I will bear true faith and allegiance to the same, and defend them against all enemies, foreign and domestic, and that I will faithfully and impartially discharge the duties of the office of _____ (name of office) according to the best of my ability, so help me God (or so I do affirm).

signature of officer
or employee."

All members of state and municipal boards or agencies are subject to the foregoing provision, as A.R.S. §38-231(B) provides that:

"For the purposes of this section, the term officer or employee means any person elected, appointed, or employed, either on a part-time or a full-time basis, by the State, or any of its political subdivisions or any county, city, town, municipal corporation, school district, public educational institution, or any board, commission, or agency of any of the foregoing."

It is true that A.R.S. §38-231(E) was struck down as unconstitutional by the United States Supreme Court in Elfbrandt v. Russell, 384 U.S. 11, 16 L.Ed.2d 321, 86 S. Ct. 1238. However, in conformity with Arizona Attorney General's Opinion No. 66-14, it is believed that section (E) of A.R.S. §38-231 is severable from the remainder of the statute and that, therefore, sections (B) (C) and (G), discussed herein, are all valid and enforceable.

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A.R.S. §38-231 applies to all officers or employees whether or not they entered their positions prior to the effective date of the statute. A.R.S. §38-231(C) states that:

"Any officer or employee elected, appointed, or employed prior to the effective date of this act shall, not later than 90 days after the effect of this act, take and subscribe the form of oath or affirmation set forth in this section."

The effective date of the Act is March 30, 1961. Thus, every member of a state or municipal board or agency who properly holds his office has taken and subscribed the oath of office set forth in A.R.S. §38-231(G) and reproduced above. Indeed, failure to do so constitutes a misdemeanor under A.R.S. §38-442.

Consequently, in answer to question No. 1, appointed or elected members of a state or municipal board or agency are required to swear or affirm when accepting office that they will abide by and uphold all the laws of the State of Arizona.

2. Does Arizona law permit the State Board of Technical Registration to require other state and municipal boards and agencies to comply with A.R.S. §32-144(4)?

Administrative officers and agencies have no common law or inherent power. The powers and duties of an administrative agency are to be measured by the statute creating it. Kendall v. Malcolm, 98 Ariz. 329, 404 P.2d 414 (1965).

The Technical Registration Act does not confer upon the State Board of Technical Registration, either explicitly or implicitly, the power to require that other state and municipal boards and agencies comply with A.R.S. §32-144(4). Therefore, the Board itself does not have the power to require compliance with this section of the statute without resort to the courts.

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However, in a matter properly brought before it by the Board, the Superior Court clearly has the power to order any state or municipal board or agency to comply with the laws of Arizona, including A.R.S. §32-144(4). Constitution of the State of Arizona, Art. 6, §6.

Respectfully submitted,



DARRELL F. SMITH
The Attorney General

DFS:AHM:md

ARCHITECTS - Cont'd.

02066

No.	Name	History & Theory	Site Planning	Arch. Design	Bldg. Const.	Struc. Design	Prof. Admin.	Bldg. Equip.	Passed
		C	D	E	F	G	H	I	
67-55	Griffin, Donald K.	F	F	F	79	F	81	77	F,H,I
66-241	Hansen, Stanley Warren	P	F	F	P	P	P	P	
66-250	Hermann, Frank Josef	P	F	F	P	83	P	P	G
67-94	Hunt, David Nathaniel	P	F	75	85	P	89	P	E,F,H
64-98	Johns, Lloyd Lee	F	F	P	P	F	P	P	
63-90	Johnson, Stanley W.	P	F	F	P	F	P	P	
65-94	Kennedy, Bernard Thomas	P	F	P	P	F	P	P	
*66-227	Kulseth, John Roger	P	80	76	P	P	P	P	D,E
67-82	Leonard, Robert Brooks	P	F	F	F	P	84	P	H
65-231	Lo, Shiu Chi	P	P	P	F	P	F	F	
64-331	Long, Harold Leland	P	P	F	P	P	P	P	
65-75	Lugo, Michael Angel, Jr.	P	P	F	P	P	P	P	
67-6	Mangino, Michael Wayne	82	75	F	78	78	81	75	C,D,F,G,H,I
*66-31	Nelson, Wesley Gary	P	P	75	P	P	P	P	E
66-218	O'Dell, Kenneth Cecil	P	80	F	82	78	81	P	D,F,G,H
65-170	Ottenheimer, John	P	F	F	P	P	P	P	
64-210	Pace, Fred Rankin	P	F	P	P	P	P	P	
66-106	Palafox, Frederick A.	P	F	F	P	P	P	P	
63-137	Perrell, Richard Conway	P	P	F	P	P	P	P	
67-92	Richards, Marston Edwin	86	79	F	83	85	83	84	C,D,F,G,H,I
66-253	Rosslund, Willis Dean	F	F	P	P	75	P	P	G
64-249	Schutz, Charles Claude	F	F	75	P	F	P	P	E
*64-342	Seaboch, Donovan Lee	P	P	78	Ex	Ex	Ex	Ex	E
66-203	Shimels, Thomas Anthony	P	F	F	P	F	P	P	
64-69	Sutton, Michael Hall	P	F	P	P	P	P	P	

ARCHITECTS - Cont'd.

No.	Name	History & Theory	Site Planning	Arch. Design	Bldg. Const.	Struc. Design	Prof. Admin.	Bldg. Equip.	Passed
		G	D	E	F	G	H	I	
*64-180	Swaback, Vernon Dale	P	79	P	P	P	P	P	D
67-81	Tachuk, Donald M.	F	F	F	75	F	F	75	F,I
65-108	Thurman, Edward Adair	P	F	F	P	P	P	P	
67-96	Turek, Robert Ladd	P	F	76	77	P	86	P	E,F,H
66-290	Williams, Samuel Wayne	82	F	F	F	F	80	80	C,H,I
66-199	Wonsley, Ronald Clayton	F	81	P	P	F	F	F	D
67-48	Zeaman, Andrew N.	F	F	F	79	F	80	75	F,H,I

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ARCHITECTS-IN-TRAINING

OLD RULES		G	F	I
63-445	Tang, May Wu	P	F	F
NEW RULES		Grade		
66-9	Davis, Billy Joe	F		
67-2	Klemt, David J.	F		
67-3	Leckman, John M.	75		

It was moved by Mr. Goodwin and seconded by Dean Coleman that the architectural grades for the June examinations be certified and released to the applicants. Motion carried.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Feldman reported on his attendance together with Mr. Eyring and the Executive Secretary at the National Council of State Boards of Engineering Examiners Annual Meeting in Wilmington, Delaware, which is attached as Minute Pages 2068, 2069, 2070, 2071, 2072, 2073, 2074, and 2075. Chairman Girand directed that the report be accepted.

REPORT OF THE BUDGET COMMITTEE

The Executive Secretary reported on the submittal of the budget, Minute Pages 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, and 2105, which was approved at the June meeting of the Board and has now been discussed with the appropriate House Committee and Department of Finance.

Page #1

NATIONAL COUNCIL ENGINEERING EXAMINERS - ANNUAL MEETING

August 15, 16, 17, 18, 1967

WILMINGTON, DELAWARE - HOTEL DUPONT

August 15 - EARLY BIRD DINNER - Carl, Walter, and YOURS TRULY attended and enjoyed a delicious dinner - informal - broken up in table groups - no speeches.

August 16 - WESTERN ZONE MEETING

VERY INFORMAL - More or less a round table discussion.

W. MORGAN ALLEN - Presiding

Appeared to be approximately the same impressive group present as at the Reno meeting.

DR. SAMS - Disappointed - December, 66 - only 13 - April, 67 - only 15 - Took the regular uniform engineering exams.

STILL FIGHTING problem of not having a large enough selection of questions. Appealed for more EIT and more regular engineering questions.

VERY FEW CHEMICAL APPLICANTS - Perhaps due to chemicals being principally in industry.

COLORADO AGAIN RELATED THEIR LEGISLATURE. Has them with a statute patterned along GRAND FATHER clause lines. Commanded State Board over 2 years to notify everyone and to process applicants during this period.

MINUTES OF RENO MEETING APPROVED - We should suggest Western Zone use a tape recorder to effect more complete minutes.

UNIFORM APPLICATIONS - Discussion disclosed not too many State Boards in our Western Zone favorable.

COLORADO - An applicant went to court to obtain registration as a professional, not as a mech. or elect. or what else. Court held in his favor.

COLORADO - Tried through courts to stop use of Engineering for other than registrants - LOST.

ARIZONA - Our CARL EYRING related how on petition of 40 asking for a consultant classification - Our Attorney General ruled no.

FINANCES - MORGAN reported expense receipts from National \$100.00. Now after having some collections from State Boards has \$51.30 left.

REQUESTS FOR EXAMINATION PROBLEMS. DR. SAMS pleaded that we appoint one

Next Page

Page #2

man from each State Board to collect problems and submit to NCEE.

TYPES OF QUESTIONS - Few and long - or many and short opinions divided.

AN OREGON REGISTRANT - who resides in N.Y.C. - Represents 165,000 -

IEEE - nearly all in Industry - claim 40% never heard of registration.

CALIFORNIA - Does not prohibit open book exams.

CALIFORNIA like ARIZONA requires Civil Registration first before considering structural.

COLLEGES in 3 of states offer a General Engineering course only - However, their respective State Boards require applicants to select a particular branch to qualify in.

OREGON reports a Civil Registrant incurred a jail sentence for appraising Realty where Real Estate Board felt its Province. Engineer unsuccessful in attempt to change statue.

NEVADA Delegate reported at time he left for this meeting - Law Courts had enjoyed State Board from issuing any but General Engineering Licenses.

AN APPEAL is pending.

Opinion of this delegate if Nevada Eng. registration unconstitutional - Then all professions - Medics, Dentists, etc., are likewise.

ARIZONA - Carl explained how our legislature has taken away our \$14,000 reserve and now limit us to a line item Quarterly Budget.

WESTERN ZONE 1968 meeting - New Mexico - May 5, 6, 7. Albuquerque.

HAWAII resigned to same - Hopes they will be favored in 1969.

MORGAN ALLEN - Presented a paper known as NE Zone Policies and Procedures - not enough copies available - so YOURS TRULY cannot comment on same.

ALLEN has appointed committee to work up one for our zone.

IDAHO - New Governor felt new blood needed on all State Board - proceeded to appoint new members - However, existing Board prevailed upon him - that experienced old hands better qualified to examine applicants for registration.

ARIZONA - Carl brought that in our last three legislative sessions, bills have been introduced to abolish all professional boards. Operate under one Registrar for all. So far - has not prevailed.

ZONE MEETING ADJOURNED

LUNCHEON MEETING, AUGUST 16th

MAIN SPEAKER - Louis P. Shannon - Du Pont Executive

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Page #3

"Chain Reaction of Creativity"

Industrial Giants must keep up with RESEARCH not to be relegated to a 2nd position.

Dr. Saulk's development of polio vaccine has unleashed a large number of kindred research and developments.

One large INDUSTRY has 15,000 personnel at an annual outlay of some \$80 millions in research and development.

HENRY FORD ONCE said - Give them any kind of color they want just so it's black.

SHANNON EMPHASIZED - You cannot get away with this today.

THERE ARE SOME 11,000 various types of Nylon now.

HENRY DUPONT OFFERED US FELICITATIONS and Welcome

MAYOR OF WILMINGTON - Also said a few kind words.

THE LT. GOVERNOR - did likewise.

AFTERNOON MEETING - ALL ZONES ASSEMBLED.

DEAN MARLOWE our outgoing President, presiding.

Acknowledged separately all the engineering societies.

Proposes a program for the future.

Our Educational system is changing. More emphasis being placed on MASTERS and Doctorate degrees.

SHALL we rely on college degrees altogether - or shall a person's experience count as much or more.

ABOVE ALL THE PUBLIC'S SAFETY AND CONVENIENCE ARE PARAMOUNT.

DEAN MARLOWE SUGGESTS:

1. Industrial Engineer as one - Professional Engineer as another.
2. Each should require four years experience out in the world.
3. Examinations must keep up with modern times.
4. We should assess a substantial fee - to improve our examinations - our proctors - our graders.

DR. SAMS next gave his report as executive secretary- Referred to pages 50-51-52-53-54-55 in the annual meeting agenda. This abstract is very complete and will appear in the 1967 Proceedings and Yearbook.

PRESIDENT ELECT DR. WHITEHEAD REPORT

Please refer to copy of same in 1967 Year book.

BOARD OF DIRECTORS REPORT

Here again please refer to same in 1967 Year book.

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Page #4

YOURS TRULY Must beg your indulgence - The acoustics in the ballroom so bad - and talks so fast - very difficult to get the proceedings down.

REPORTS FROM ZONES

CENTRAL - had two meetings this year - nothing in particular developed - enjoy a bank balance over \$15,000 - compared to our Western Zone \$73.50

CENTRAL ZONE - Requests on all Year Book listings - Last Name First - A good idea.

CENTRAL ZONE - Asks referring to 46 of Agenda - State Boards to accept certified information on NBER Certificates in Lieu of their own applications - Insofar as their own State Statues, rules, and regulations will permit - motion approved.

CENTRAL ZONE - Next meeting - Chicago - November as

WESTERN ZONE - Morgan Allen reported substantially at our morning's meeting.

FINANCIAL COMMITTEE REPORT - Referred to same as on Page 57 of Agenda.

WEDNESDAY AFTERNOON ADJOURNED at 3:30 P.M. in order for delegates to get ready for Wednesday Festivities.

WEDNESDAY AFTERNOON 4 P.M.

ALL DELEGATES AND THEIR WOMEN FOLKS assembled for cocktail party and buffet dinner at Wilcastle Country Club via buses.

Later Via buses to WORLD FAMOUS LONGWOOD GARDENS.

Acquired and assembled by Pierre Samuel DuPont 1870-1954.

Development started 1906.

Maintained by the Longwood Foundation, Inc.

LEGEND HAS IT - The wife of one of the early DuPont expressed a desire to return and once again set foot on French soil

Whereupon the husband caused a large quantity of ore boats laden with French top soil to be brought over and cover the LONGWOOD GARDENS.

After which this DUPONT husband brought this DUPONT wife over to LONGWOOD and could exclaim "MY DEAR YOU ARE NOW STANDING ON FRENCH SOIL.

All varieties of vegetation - tropical - arid - wet climate - cold regions. Various sizes and kinds of water lilies - some strong enough to support a human body.

EMPLOY 250 full time persons - of which at least 50 are upper bracket help.

Next Page

A special performance of their dancing waters accompanied by chime music and color changing spot lights for a half hour period climaxed the end of an interesting day.

ANNUAL MEETING - THURSDAY - AUGUST 17

MODEL LAW COMMITTEE -

1. See pages 13, 14, 15 of Agenda
2. Change to permit State Board members to continue in office beyond term expiration until Governor sees fit to appoint a replacement.
3. Permit State Board in case of death to fill vacancy until such time as Governor sees fit to appoint a replacement.

NOMINATING COMMITTEE - See page 12 - Agenda

President elect - Geo. F. Branigan, P.E., Arkansas

ANNUAL MEETING, 1968 - Denver - Brown Palace Hotel - one day longer - August 26 through 30th.

PAUL ROBINSON and WARREN PHELPSON extended a warm welcome and promised lots of extra-curricular activities both for the delegates and the ladies.

ANNUAL MEETING 1969 - Committee selected San Antonio - Approved by Annual Meeting.

ENGINEER IN TRAINING REPORT - Refer to Pages 49 & 50 of the Agenda.

SEVERAL ISSUES are up for discussion - 5 years of study Master degrees and others - totaling 6 - The committee to be divided - and until they can come up with a United Recommendation front, our Annual meeting has ^{no} way of approve or disapprove.

AMERICAN SOCIETY OF CIVIL ENGINEERS

Comments from one of their leaders. There are 60,000 C. E.

THEY ARE ATTEMPTING to work out a definition of Professional Civil Engineer.

WOULD WELCOME MORE LAISON between Professional societies and State Boards to control unprofessional or unethical problems. Expects to attend a meeting in Paris September 18-20 regarding an International organization for appointment of INTERNATIONAL ENGINEERS.

AMERICAN SOCIETY MECHANICAL ENGINEERS

REPRESENTATIVE ASSERTED - Very much impressed with our proceedings - had nothing specific to offer. Opinioned Dean Marlowe will continue to do a fine job for the MECHANICALS.

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INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS

This man reported earlier also - During our WESTERN ZONE MEETING about his 165,000 members.

NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

NSPE is getting more and more concerned as to who are being admitted for registration and THE ATTENDANT ENGINEERING ETHICS NSPE wants to work with NCEE

AMERICAN SOCIETY OF TOOL AND MANUFACTURING ENGINEERS

40,000 members - not too many registered- more and more are applying for registration.

SOCIETY OF AGRICULTURE ENGINEERS

HAPPY TO BE a participating organization - 60 years old - have 6 to 7 thousand members - having difficulty acquiring registration in some states.

CONSULTING ENGINEERING COUNCIL

Pushing for total practice - Have developed a Code of Ethics. Concerned that U. S. Attorney General is developing a code for Government jobs - requiring all architectural and engineering services be obtained on a competitive basis.

AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS.

Organized 20 years - have not been interested in registration. Concerned that Industrial concerns are starting to classify employees as Industrial Engineers although not registered.

Trying to develop a program of adequate registration for their membership.

Offer their membership refresher courses and other HELPS FOR REGISTRATION.

Have 165 Chapters - 16,000 members

AMERICAN INSTITUTE OF CONSULTING ENGINEERS

400 Members - concerned as to laws as to how specific registration for consulting engineers really is.

AMERICAN RAILWAY ENGINEERS

More of theirs are acquiring registration-Have a special committee to promote registration.

AMERICAN SOCIETY OF HEAT AND REFRIG. ENGINEER

Interested in our Modus Operandi - Not altogether sold on registration.

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CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS

They are a combination of Professional Societies and Province Boards.
Province Boards are elected by their Societies.

AMERICAN COUNCIL OF SURVEYING AND MAPPING

A new addition to our NATIONAL COUNCIL OF ENGINEERING EXAMINERS
COMMITTEE OF CONSTITUTION AND BYLAWS

Change NCSBEE to NCEE - APPROVED

Change NBER to NEC (National Engineering Certification) - APPROVED

Other changes as approved will be in the 1967 Year Book.

AUTHORIZATION GRANTED DR. SAMS to make the necessary changes in the
Corporate set up in the State of South Carolina.

ALSO TO OBTAIN a new copyright

LAND SURVEY COMMITTEE

Reported that they have not completed their recommendations and would
like to continue further study on same.

PARTICIPATING ORGANIZATIONS LIASON COMMITTEE

COMMITTEE HAS MADE an exhaustive "By Mail" study between its members
as to relationship between engineers and planners.

COMMITTEES THOUGHTS can be put down as follows:

- A. Becoming more difficult to define relationship.
- B. Some states - the planning powers that be insist on MEMBERSHIP
IN AMERICAN INSTITUTE OF PLANNERS as a requisite for persons
to make to state on Governmental subdivision.
- C. Many planners do not have Engineering know how to perform
the technical phase.
- D. Planning cannot be isolated from Engineering.
- E. Engineering registration a requisite for planning registration.

COMMITTEE ON UNIFORM EXAMINATIONS

Report as shown on Page 5 of Agenda was approved for printing in the
1967 Year Book

ADJOURNMENT TO MAKE READY FOR BANQUET - THURSDAY EVENING 7 P.M.

Cocktails and hors d'oeuvre as guests of the DELAWARE HOSTS.

DINNER - BLACK OR WHITE TIE only at the head table. We in the audience -
any attire acceptable.

PRESIDED OVER BY DEAN MARLOWE - outgoing President

Talks by Lt. Governor - appears Governor tied up at the White House in

Washington.

His most interesting remark was politicians wish they could plan ahead as our NCEE can to have an outgoing President - an incoming President Elect - and a one Year removed President elect in office at the SAME TIME.

Six NCEE Achievement awards were handed out.

WHITEHEAD - INDUCTED as the New President.

DR. WHITEHEAD MADE his Induction Speech.

FRIDAY - AUGUST 18 - MORNING SESSION

JOINT INTERNATIONAL COMMITTEE

Report on Page 17 and 18 of the Agenda - Principally concerned with the difficulties concerning Canadian and our U.S. State Board - Committee is still continuing its studies.

STATE BOARD SECRETARIES COMMITTEE

Report submitted as shown on Page 18 and 19 of Agenda.

Appears that all State Board experienced difficulty on foreign school accreditation.

Some State Boards are asking for standard forms and form letters.

Expect to complete final report for the Denver meeting.

COMMITTEE ON NATIONAL BUREAU OF ENGINEERING REGISTRATION now known as NATIONAL ENGINEERING CERTIFICATION

Report as shown on Page 17 of Agenda accepted for printing in the 1967 Year Book.

NEW BUSINESS

Copy of resolution regarding Government bids on Engineering and Architectural Services attached.

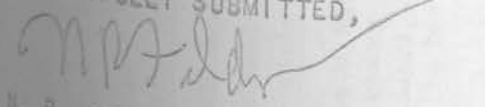
Quite a bit of controversy - close vote.

Dean Marlowe, gavel with a diplomat case partially filled with unfinished executive business and with best wishes to incoming President, Dr. Whitehead.

The usual FELICITATING RESOLUTIONS thanking everybody for everything.

FINAL ADJOURNMENT FRIDAY, AUGUST 18th at 10:30 A.M.

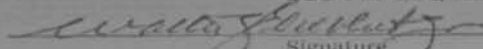
RESPECTFULLY SUBMITTED,



N. R. Feldman

BUDGET REQUEST FOR THE FISCAL YEAR 1968-1969

Budget Request Approved By



Executive Secretary

July 28, 1967

Budget Request Prepared By

Members of the Board and Executive Secretary

264-3836

Date

Phone

Agency Name State Board of Technical Registration Fund Sources 90/10 Agency - ARS 32-109 - Technical Registration
 Address 3550 N. Central Ave., Ste. 408 Fund
Phoenix, Arizona 85012
 A.R.S. Citation Title 32, Chapter I ARS 1956

Purpose and Function of Agency:

PURPOSE: This agency is established to register Architects, Assayers, Engineers, Geologists and Land Surveyors for the protection of the health, welfare and safety of the public.

FUNCTION: As defined in Title 32, Chapter I, ARS 1956

ARTICLE 1. BOARD OF TECHNICAL REGISTRATION

No. 32-101. Definitions.

Under this section, the definitions of the professions registered (Architect, Architect-in-Training, Assayer, Engineer, Engineer-in-Training, Geologist, Geologist-in-Training, & Land Surveyor) are defined as well as definitive descriptions of the practice authorized these professions.

No. 32-102. Board of Technical Registration.

Establishes the Board and defines the method, terms, and size of Board appointed by Governor as well as the ex-officio member.

No. 32-103. Qualifications of Members.

Defines qualifications of appointive members.

No. 32-104. Compensation.

Defines allowances for mileage and travel expense, prohibits compensation to members and authorizes renewal without payment of fee.

No. 32-105. Organization.

Establishes the organization of the Board and prescribes the minimum number of meetings.

No. 32-106. Powers and Duties.

Defines the powers and duties and responsibilities.

No. 32-107. Board Secretary: Duties; Salary.

Defines this officer's duties, salary and responsibility.

No. 32-108. Annual Report; filing copies of lists of registrants.

Requires annual reporting to Governor, Secretary of State, and Boards of Supervisors.

No. 32-109. Technical registration fund.

Establishes technical registration fund and prescribes method of depositing and disbursing.

ARTICLE 2. REGISTRATION

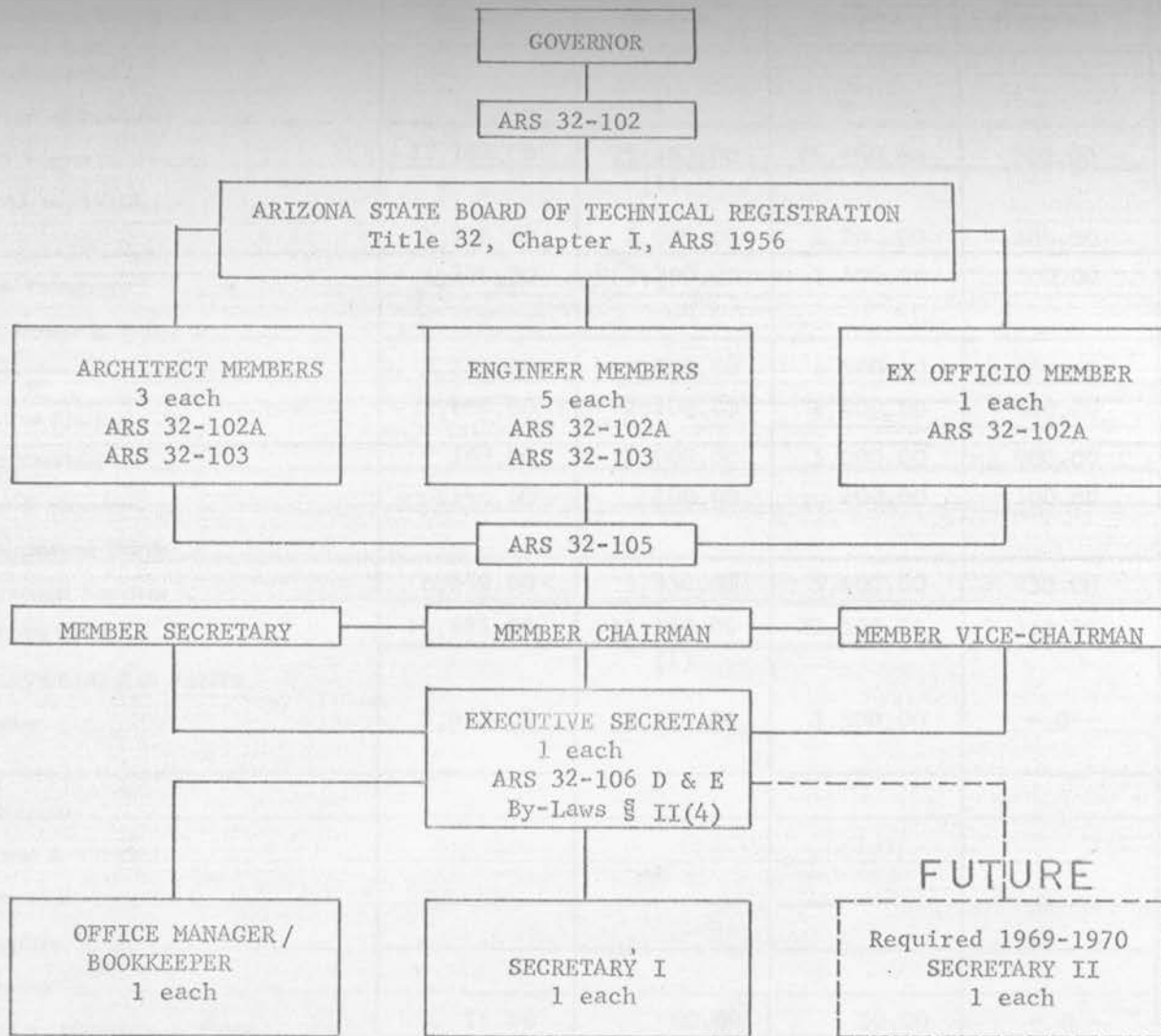
No. 32-121 through 32-128 describes the method of registration of the authorized professions, types of registration and certificates, defines seals and use for registrants, authorizes and describes for revocation of certificates.

ARTICLE 3. REGULATORY PROVISIONS.

No. 32-141 through 32-145 authorizes and defines practice by registrants in firms or corporations, requirements of registrants on public works, grants exception to practice of registrants within the professions, authorizes exemptions and limitations on non-registrants, and enumerates violations and penalty for non-registrants.

STATE OF ARIZONA
ORGANIZATION CHART

Agency Name: State Board of Technical Registration



020774

STATE OF ARIZONA
BUDGET ESTIMATES AND REQUESTS

Agency Name State Board of Technical Registration

Item	Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)		(6)
			Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Recommendation Executive	Recommendation Legislative	
PERSONAL SERVICES									
1		Total Number of Positions	4	3	3	0			
2	100	Salaries and Wages	23,162.00	25,400.00	25,600.00	200.00			
CONTRACTUAL SERVICES				(1)					
3	211	Postage	1,736.00	2,000.00	2,200.00	200.00			
4	212	Telephone & Telegraph	1,299.00	1,200.00	1,400.00	200.00			
5	215	Heat, Light, Power & Water							
6	220	Travel - State	3,154.00	2,300.00	5,300.00	3,000.00			
7	230	Travel - Out of State	1,666.00	2,200.00	2,800.00	600.00			
8	240	Professional Services	168.00	2,000.00	5,000.00	3,000.00			
9	260	Maintenance & Repairs	148.00	100.00	200.00	100.00			
10	270	Care of Institutional Wards							
11	280-290	Other Contractual Services	6,510.00	5,350.00	5,600.00	250.00			
SUB-TOTAL			14,681.00	15,150.00	22,500.00	7,350.00			
SUPPLIES, MATERIALS & PARTS				(1)					
12	310	Office Supplies	5,463.00	3,500.00	3,500.00	- 0 -			
13	321	Food							
14	322	Household Supplies							
15	324	Drugs, Medical & Surgical							
16	325-328	Other Institutional Supplies							
17	350	Vehicle Supplies							
18	360	Special Supplies							
19	370-390	Other Supplies, Materials & Parts	16.00	50.00	50.00	- 0 -			
SUB-TOTAL			5,479.00	3,550.00	3,550.00	- 0 -			

02078

STATE OF ALABAMA
BUDGET ESTIMATES AND REQUESTS

Agency Name: State Board of Technical Registration

Item	Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)	
			Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Executive	Legislative
CURRENT FIXED CHARGES								
20	411-417	Rent - Equipment	179.00	200.00	200.00	- 0 -		
21	413	Rent - Buildings & Offices	3,009.00	3,050.00	3,050.00	- 0 -		
22	424	Insurance - Bldgs. & Equipment	26.00	50.00	50.00	- 0 -		
23	428	Insurance - Liability						
24	421-429	Insurance - Other	18.00	10.00	10.00	- 0 -		
25	425	Employer Contribution - Retirement	792.00	1,270.00	1,280.00	10.00		
26	427	Employer Contribution - FOASI	728.00	1,117.00	1,126.00	9.00		
27	430	Subscription & Organization Dues	1,130.00	1,200.00	1,200.00	- 0 -		
28	440-490	Other Current Fixed Charges						
		SUB-TOTAL	5,882.00	6,897.00	6,916.00	19.00		
				(1)				
FIXED CHARGES								
29	520	Pensions & Relief Payments						
30	540	Apportionments						
31	510-590	Other Fixed Charges						
		SUB-TOTAL	- 0 -	- 0 -	- 0 -	- 0 -		
CAPITAL OUTLAY								
32	610	Equipment	1,185.00	650.00	500.00	(150.00)		
33	620	Buildings & Improvements						
34	630-660	Other Capital Outlay						
		SUB-TOTAL	1,185.00	650.00	500.00	(150.00)		

02079

STATE OF ARIZONA
BUDGET ESTIMATES AND REQUESTS

10-11-68
Page 2 of 2

Agency Name: State Board of Technical Registration

Item	Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)	
			Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Executive	Legislative
35	700-900 930	OTHER EXPENDITURES (SPECIFY) Refunds	 216.00	 200.00	 250.00	 50.00		
		SUB-TOTAL	216.00	200.00	250.00	50.00		
		TOTAL EXPENDITURES	50,605.00	51,847.00	59,316.00	7,469.00		
SOURCE AND DISPOSITION OF FUNDS								
Source of Funds								
		Balance Forward From Prior Year	16,814.00	16,413.00				
		General Appropriation						
		Special Appropriation						
		Appropriated Receipts	50,204.00	52,000.00				
		Federal Funds						
		Other (Specify)						
		TOTAL	67,018.00	68,413.00				
Disposition of Funds								
		Expenditures	50,605.00	51,847.00				
		Other (Specify)						
		Amount Reverted						
		Balance Forward To Next Year	16,413.00	16,566.00				
		TOTAL	67,018.00	68,413.00				

02060

BUDGET ESTIMATES AND REQUESTS

Agency Name State Board of Technical Registration

NOTE (1)

The 28th Legislature at its first regular session took this Board off of lump sum and passed the following appropriations:

CHAPTER 134 - HOUSE BILL 200

Personal Services	\$22,600.00
Professional Services	1,000.00
Travel - State	2,300.00
Travel - Out of State	2,200.00
Current Fixed Charges	6,335.00
Other Current Expenditures	12,200.00
Capital Outlay - Equipment	650.00
Refunds	200.00
	<u>\$47,485.00</u>

The Board was not prepared for this action and found that raises (reviewed only every two years) promised at its January, 1967, committee meeting, with proposed increase in professional services and increased retirement and FOASI contributions were not allowed.

These items are reflected on the 1967-1968 estimate in their total amount and the individual increment increases are:

Salaries and Wages	\$ 2,800.00
Professional Services	1,000.00
FOASI and Retirement	687.00
	<u>\$4,487.00</u>

The Board proposes to request a special appropriation from the Technical Registration Fund at the next session of the Legislature to cover the items now deficient.

STATE OF ARIZONA
OTHER CONTRACTUAL SERVICES

BUDGETARY YEAR

Agency Name State Board of Technical Registration

Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)	
		Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Executive	Legislative
280	Trainees						
290	Other Contractual Services (Specify)						
293	Cleaning & Waste Removal	75.00	50.00	50.00	- 0 -		
295	Railway Express	19.00	50.00	50.00	- 0 -		
296	Annual Report	1,952.00	2,000.00	2,200.00	200.00		
299	Miscellaneous Services	4,464.00	3,250.00	3,300.00	50.00		
	TOTAL Item 11	6,510.00	5,350.00	5,600.00	250.00		

02082

STATE OF ALABAMA
OTHER INSTITUTIONAL SUPPLIES

REVENUE

Agency Name: State Board of Technical Registration

(1) (2) (3) (4) (5) (6)

Object Code	Expenditure Classification	Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Recommendation	
						Executive	Legislative
325	Educational and Recreational Supplies						
326	Clothing and Personal Supplies						
327	Animal Food and Supplies						
328	Agricultural and Horticultural Supplies						
<u>NOT APPLICABLE</u>							

02083

STATE OF ARIZONA
OTHER SUPPLIES, MATERIALS & PARTS

BOSCHULIS 10

Agency Name State Board of Technical Registration

Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)	
		Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Executive	Legislative
370	Construction and Maintenance Supplies	7.00	20.00	20.00	- 0 -		
390	Other Supplies, Materials and Parts	9.00	30.00	30.00	- 0 -		
	TOTAL Item 19	16.00	50.00	50.00	- 0 -		

02084

STATE OF ARIZONA
INSURANCE—OTHER

FORM NO. 11

Agency Name State Board of Technical Registration

(1) (2) (3) (4) (5) (6)

Object Code	Expenditure Classification	Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Recommendation	
						Executive	Legislative
421	Bonds of Officials and Employees	18.00	10.00	10.00	- 0 -		
422	Other Insurance						
423	Industrial Insurance						
429	Burglary and Holdup Insurance						
	TOTAL Item 24	18.00	10.00	10.00	- 0 -		

02085

STATE OF ALABAMA
OTHER CURRENT FIXED CHARGES

REVENUE 1-1

Agency Name STATE Board of Technical Registration

Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)	
		Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Executive	Legislative
440	Rewards and Awards						
450	Discharge Money						
460	Administrating Costs & Reimbursements (Specify)						
471	Allowances - Uniform						
472	Allowances - Unit						
490	Other Current Fixed Charges						
	<u>NOT APPLICABLE</u>						

02086

STATE OF MICHIGAN
OTHER FIXED CHARGES

Agency Name State Board of Technical Registration

Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)	
		Actual Expenditures 1966-1967	Estimated Expenditures 1967-1968	Requested for 1968-1969	Amount of Increase (Decrease)	Executive	Legislative
510	Interest (Bonded Debt)						
530	School Lunches						
551	Indian Education						
552	Indian School Lunches						
553	Occupational Training						
590	Other Fixed Charges						
	<u>NOT APPLICABLE</u>						

02089

ARIZONA
SUMMARY OF POSITIONS AND SALARIES

Agency Name State Board of Technical Registration

Title of Position	1966-1967		1967-1968		Request for 1968-1969					
	No.	Actual Expenditures	No.	Estimated Expenditures	No.	Current Positions	No.	Additional Positions	No.	Total Positions
<u>Permanent Status</u>										
Executive Secretary	1	13,000.00	1	15,000.00	1	15,000.00			1	15,000.00
Office Manager, Bookkeeper	1	5,000.00	1	5,600.00	1	5,600.00			1	5,600.00
Secretary I	1	4,600.00	1	4,800.00	1	5,000.00			1	5,000.00
<u>Temporary Status</u> 1966-1967										
Secretary II	1	562.00	0	- 0 -	0	- 0 -			0	- 0 -
TOTAL Item 2	4	23,162.00	3	25,400.00 (1)	3	25,600.00			3	25,600.00

(1) See Note (1) Schedule I, Page 3A

02090

STATE OF ARIZONA
TOTAL COST OF ADDITIONAL POSITIONS REQUESTED

Agency Name State Board of Technical Registration

Title of Position	No.	Salary	Employer Contributions	Other Costs		Total
				Expenditure Classification	Amount	
<u>NOT APPLICABLE</u>						

02091

STATE OF ARIZONA
DESCRIPTION AND VALUE OF PERQUISITES

Agency Name State Board of Technical Registration

Title of Position	Description of Perquisite	Estimated Value of Perquisite		
		1966-1967	1967-1968	1968-1969
	NONE			
	<u>NOT APPLICABLE</u>			

STATE OF ARIZONA
PERSONNEL POLICIES

Agency Name State Board of Technical Registration

Policy	Description
Vacation	Each permanent employee accrues during the first year of service one day per month. Beginning with the thirteenth month and thereafter, the employee accrues one and one-half days per month. Maximum accrued vacation allowed to carry over at beginning of year is thirty days.
Sick Leave	Each permanent employee is allowed during the first year of service one working day per month as sick leave. Beginning with the thirteenth month each employee accrues fifteen working days per year as sick leave. Employees are allowed to carry over and accrue a maximum of sixty days at the beginning of any year. No compensation for sick leave days not used over maximum accrued.
Overtime	Applies to permanent personnel other than Executive Secretary and only when directed by Board member or Executive Secretary. Overtime is compensated for an hour for hour basis as special time off and it must be taken off in the month earned.

	Answer
How many hours per day does each employee work?	8:00 A.M. to 5:00 P.M. less lunch 8 hours per day - 5 days per week
Do you have written job descriptions for each position?	Yes, each employee when fully trained can function in any position except executive secretary's examination duties.
Do you have written salary ranges for each position?	Yes

02092

1968-1969 REQUEST FOR TRAVEL-STATE

Agency Name: State Board of Technical Registration

Purpose	Cost of Travel				Total
	State Owned Vehicle Expense	Mileage Reimbursement	Subsistence	Other	
Attendance by members and employees at out of Phoenix Board meetings 2 per year minimum	None	802.00	648.00	50.00	1,500.00
Attendance by members living out of town at Phoenix Board meetings 2 per year minimum	None	279.00	96.00	25.00	400.00
Attendance by members at special board or committee meetings in Phoenix or Tucson 8 per year minimum	None	634.00	250.00	10.00	900.00
Travel by executive secretary on Board business in Arizona and examinations, conferences with Board members and visitation with registrants.	None	1,095.00	300.00	*105.00	1,500.00
Travel by investigators, Board members or employee on complaints against registrants.	None	845.00	120.00	35.00	1,000.00
TOTAL Item 220					5,300.00

*Includes any registration fees for meetings

02093

STATE OF ARIZONA
1968-1969 REQUEST FOR TRAVEL - OUT OF STATE

Agency Name State Board of Technical Registration

Destination	Purpose	Number of (1)		Cost of Trip			Total
		Days	People	Transportation	Subsistence	(2) Other	
Honolulu, Hawaii	July, 1968, Annual Conference of National Council of Architectural Registration Boards (one-half of air fare in fiscal 1967-68)	5	3	415.00	225.00	240.00	880.00
Denver, Colorado	August, 1968, Annual Conference of National Council of State Boards of Engineering Examiners	4	3	253.00	180.00	173.00	606.00
Salt Lake City, Utah	February, 1969, Western Conference of Architectural Registration Boards	4	2	112.00	120.00	118.00	350.00
Undecided but in one of the 14 Western States	May, 1969, Western Zone meeting of National Council of State Boards of Engineering Examiners	4	2	120.00	120.00	60.00	300.00
Chicago, Illinois	June, 1969, Annual Conference of National Council of Architectural Registration Boards	5	2	354.00	150.00	160.00	664.00
	TOTAL Item 230						2,800.00

(1) One employee only - others are Board members

(2) Includes Conference registration fees.

02094

STATE OF ARIZONA
 1968-1969 REQUEST FOR PROFESSIONAL SERVICES

Agency Name: State Board of Technical Registration

Type of Service	Purpose of Service	Amount of Request
Investigative, architectural or engineering contractual services	These services are used as required by the nature of the complaint filed with the Board against a registrant and may require professional investigators, foundation reports, architectural or engineering designs, reports, fees for professional witnesses and reporters.	3,500.00
Examinations contractual services	Professional services are contracted for in the case of specialized examinations for engineers and the preparation and review of this type of examinations is usually contracted for, also, included in this is fees for review of problem and treatise on lateral forces for architectural applicants.	1,500.00
TOTAL Item 240		5,000.00

02095

STATE OF ARIZONA
1968-1969 REQUEST FOR RENT-EQUIPMENT

Agency Name State Board of Technical Registration

Description	Period of Rental	Reason For Rental	Amount
411 Postage Meter	12 mos.	Use of office to handle postage requirements during fiscal year, supplied by Pitney Bowes	85.00
417 Auditorium 3550 N. Central Ave. Phoenix, Arizona	Various	Meeting room for Board and committees on per diem basis	115.00
TOTAL Item 20			200.00

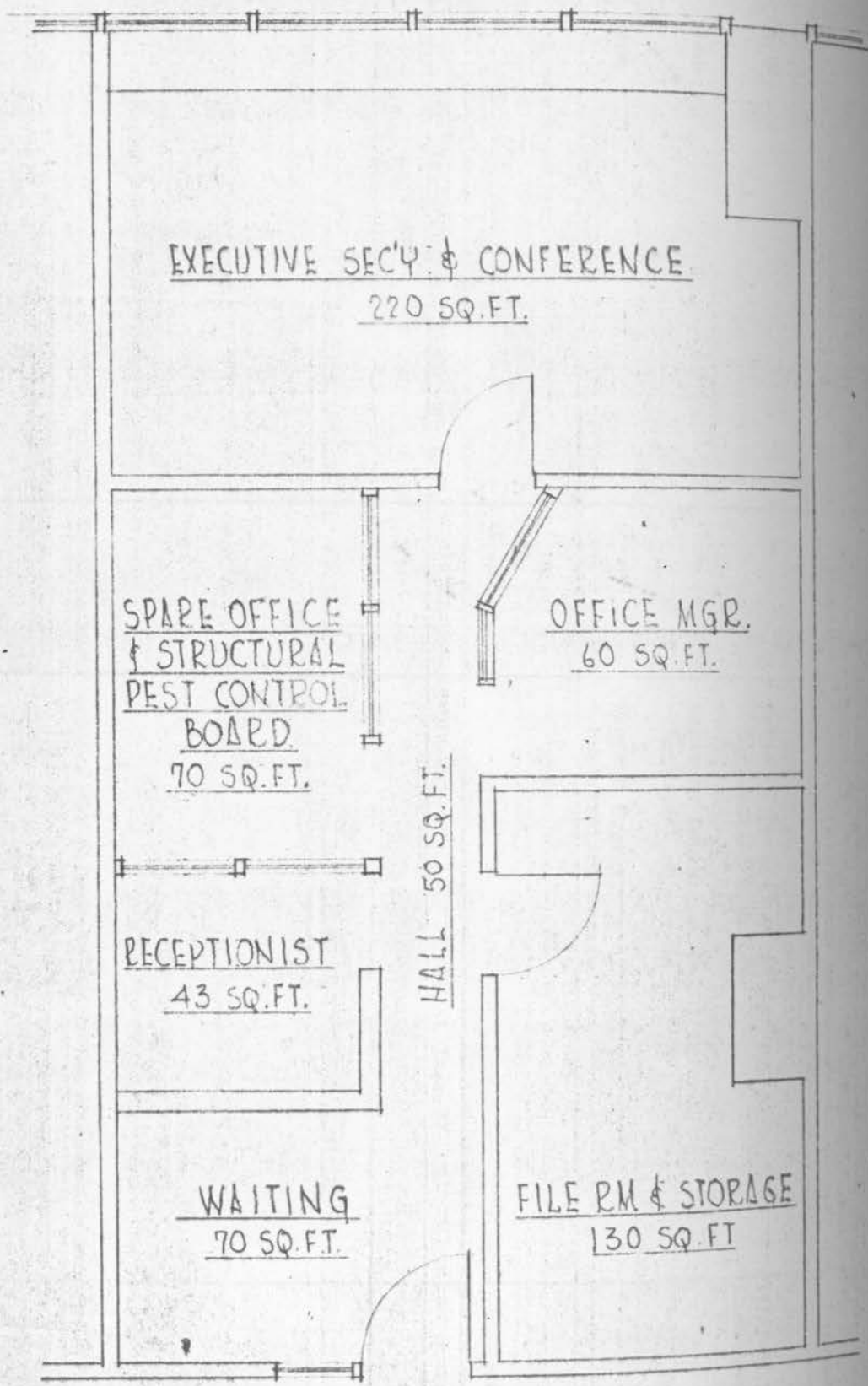
02096

STATE OF ARIZONA
1968-1969 REQUEST FOR RENT - BUILDINGS & OFFICES

Agency Name: State Board of Technical Registration

Location	Description	No. of Square Feet	Reason For Rental	Amount
Ste. 408, 3550 N. Central Phoenix, Arizona	Office Space	(1) 643	All administrative operations	3,050.00
(1) Schedule VII-A				

02097



86020

AN OFFICE SUITE FOR

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

SUITE 408 • GUARANTY BANK BLDG • 3550 N. CENTRAL AVE • PHOENIX

443 SQ. FT.

SCALE: 1/4" = 1'-0"

STATE OF ARIZONA
1968-1969 REQUEST FOR SUBSCRIPTIONS & ORGANIZATION DUES

Agency Name State Board of Technical Registration

Name of Publication	Amount	Name of Organization	Amount	Total Amount
None	--	National Council of State Boards of Engineering Examiners	455.00	455.00
None	--	National Council of Architectural Registration Boards	275.00	293.00
None	--	Western Conference of Architectural Registration Boards	425.25	434.00
Arizona Republic	18.00		--	18.00
TOTAL Item 27				1,200.00

02099

STATE OF ALABAMA
1968-1969 REQUEST FOR CAPITAL OUTLAY - EQUIPMENT

Agency Name State Board of Technical Registration

REPLACEMENTS			NEW ITEMS		Total Replacements and New
No. of Units	Description	Amount	No. of Units	Description	
1	Electric typewriter with wide carriage	500.00			
	Total Item 32	500.00			

02100

1968-1969 REQUEST FOR CAPITAL OUTLAY - BUILDINGS AND IMPROVEMENTS

Agency Name State Board of Technical Registration

Description

Amount

NOT APPLICABLE

02101

1968-1969 REQUEST FOR CAPITAL OUTLAY - OTHER CAPITAL OUTLAY (SPECIFY)

Agency Name State Board of Technical Registration

REPLACEMENTS			NEW ITEMS		Total Replacements and New
No. of Units	Description	Amount	No. of Units	Description	
				<u>NOT APPLICABLE</u>	

02102

STATE OF ARIZONA
WORKLOAD AND STATISTICAL FACTORS

Agency Name State Board of Technical Registration

Description of Factor Used	Estimated Mailings Per Year	Actual 1966-1967	Estimated		Increase or (Decrease)
			1967-1968	1968-1969	
Average Daily Population					
Per Capita Cost Less Capital Outlay					
Cost Per Meal					
Other Factors (Specify): <u>Annual Mail-load</u>					
1. Number of active registrants (all proficiencies) These men receive annual report, notice of renewal, renewal receipt and at least one other notice		3,989	4,203	4,740	577
Subtotal - Estimated registrant mailings	4	15,956	16,812	18,960	2,148
2. Applications, all classes					
In-Training receive 1 mailing					
Professionals receive - receipt, notice of board findings, notices to 5 references, notice of personal audiences, notice of final action and certificate of registration		288	308	340	32
Subtotal - Professional mailings	10	2,880	3,080	3,400	320
Subtotal - In-Training mailings	1	120	125	176	51
3. Temporary certificates - each certificate requires a minimum of 2 mailings	2	49 98	40 80	50 100	10 20
4. Collected examination fees - all classes - each exam fee requires receipt and notice of results	2	727 1,454	750 1,500	816 1,632	66 132
5. Estimated mailings to request for applications, letters and memos to members and miscellaneous		492	603	732	129
TOTAL ESTIMATED MAILINGS		21,000	22,200	25,000	2,800

02103

STATE OF ARIZONA
JUSTIFICATION FOR AMOUNT OF INCREASE OR (DECREASE)

Agency Name State Board of Technical Registration

Expenditure Classification	Amount of Increase (Decrease)	Justification
1 - Salaries & Wages	200.00	Scheduled raise for Secretary I with increased duties.
3 - Postage	200.00	Amount of mail increases annually with growth of State and number of applicants and registrants
4 - Telephone & Telegraph	200.00	Increased office activity
6 - Travel - State	3,000.00	Members are required to attend more meetings both regular and special committees, plus it is expected that investigations of complaints as State grows will increase and better service to other cities in State is demanded by registrants.
7 - Travel - Out of State	600.00	Increased number of conferences and meetings at distant locations in this fiscal year.
8 - Professional Services	3,000.00	When complaint is filed the board must have professional engineers and architects to check designs, foundations, reports on buildings. Some professional witnesses give hourly rate which goes under 299, others require contract agreements which is paid here. Because we are now under line item this figure must be high enough to cover as the number of complaints, for their complexity, in any fiscal year is unknown. Also, includes examination services.
9 - Maintenance & Repairs	100.00	Estimated on past repairs and services as a normal increase.
11 - Other contractual services	250.00	Average increase annually in cost of miscellaneous services and the cost and number of annual reports required.
25 - Employers Contribution Ret.	10.00	Increase is due to scheduled salary increase.
26 - " " FOASI	9.00	Increase is due to scheduled salary increase.
32 - Equipment	(150.00)	Equipment to be replaced in 1968-1969 is less than that scheduled for 1967-1968
35 - Refunds	50.00	Refunds are proportional to number of applications and increases gradually but is a completely unknown factor.
TOTAL INCREASES OR DECREASES	\$7,469.00	

02104

RECEIPTS

Agency Name State Board of Technical Registration

Description	Actual	Estimated	
	1966-1967	1967-1968	1968-1969
Renewal Fees			
@ \$10.00	36,760.00	38,700.00	43,700.00
@ \$ 5.00	1,565.00	1,600.00	1,710.00
Penalties	304.00	300.00	500.00
Application Fees			
@ \$25.00	7,200.00	7,700.00	8,500.00
@ \$15.00	375.00	300.00	390.00
@ \$10.00	950.00	1,000.00	1,500.00
Temporary Certificates			
@ \$50.00	2,450.00	2,000.00	3,000.00
Examination Fees			
@ \$15.00	120.00	150.00	150.00
@ \$10.00	1,570.00	1,400.00	1,400.00
@ \$ 7.50	4,230.00	4,500.00	5,000.00
New Certificates	17.00		
Annual Reports	44.00	37.00	50.00
Miscellaneous	81.00		
NCARB Personal Audiences	10.00	40.00	50.00
NCARB Senior Examinations	50.00	50.00	50.00
Refund on Purchase Order (100% Technical Fund)	50.00		
TOTAL LICENSES, FEES AND PERMITS	55,584.00	57,740.00	65,950.00
TOTAL SALES AND RENTALS	142.00	37.00	50.00
TOTAL REVENUE	55,726.00	57,777.00	66,000.00
10% General Fund	5,572.00	5,777.00	6,600.00
90% Technical Fund	50,204.00	52,000.00	59,400.00

02105

He further reported that he had written the Department of Finance, as per Minute Page, 2107, which indicated revision would be required in the allowance for the Annual Report due to higher costs as reported under New Business. It was further indicated that the Board would receive no information from the Finance Department until the final State Budget was released for publication by the Governor. The Chairman ordered that the report of the Executive Secretary be accepted, and he surrendered the Chair to Mr. Dryden so that the following motion could be made:

It was moved by Mr. Girand and seconded by Mr. Eyring that the Budget Committee, appointed by the incoming Chairman of the Board, become interested in the budget and implement its adoption by the legislature. Motion carried.

Mr. Girand assumed the Chair.

REPORT OF GRIEVANCE COMMITTEE #1

Mr. Goodwin, as Chairman of Grievance Committee #1, gave a report on the Committee meeting of July 14, 1967, held in the office of the Board, and recommended its adoption:

Present at the meeting were: Kemper Goodwin, Chairman
 Carl T. Eyring
 M. L. Vanlandingham
 Executive Secretary
 Anthony Mason

All complaints assigned to Grievance Committee #1 which had not been previously closed, were discussed. As both registrants and non-registrants were discussed, the actions recommended in this report are divided into 2 sections.

1) It is recommended by this Committee that the Board direct that complaints be filed with the Maricopa County Attorney to take action against the following non-registrants under ARS 32-145:

1-67-05-01 Hunt, Kelly

Complaint was filed by registered Architect, Richard A. McIntire, against Mr. Kelly Hunt of Hunt Building Mart for representing himself as an architect before the Scottsdale Planning Commission. Transcript of this Commission meeting is available to the Board.

1-67-05-02 Stark, G. W.

It was reported to the Board that G. W. Stark appeared before the Tempe Board of Adjustment of which Mike Goodwin is a member. Mr. John LeGault applied for a variance for Bill Ruleman A-66-11-.7, for a residence to be built at 314 E. Del Rio Dr., Tempe, Arizona. When questioned by Mr. Goodwin, Mr. LeGault replied that Mr. G. W. Stark had drawn the plans and, from the information submitted, is apparently practicing architecture.

1-67-05-03 Carlson, George O.

The office of the Board received a set of plans from Richard A. McIntire, a registered architect, for the East Mesa Seventh Day

STATE OF ARIZONA

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS AND LAND SURVEYORS

SUITE 408, GUARANTY BANK BUILDING

3550 N. CENTRAL AVENUE

PHOENIX, ARIZONA 85012

264-3836

September 19, 1967

HOWARD S. COLEMAN
CARL T. EYRING
N. R. FELDMAN
KEMPER GOODWIN
ANDREW B. MARUM
M. L. VANLANDINGHAMJOHN DURAND
CHAIRMAN
ERNEST C. SCHOLER
VICE-CHAIRMAN
CHARLES W. DRYDEN
SECRETARYMr. Donald L. Olson
Director of Budget
Department of Finance
Rm. 400, State Capitol
Phoenix, Ariz. 85007

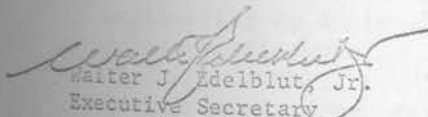
Dear Mr. Olson:

To confirm our telephone conversation of last week, attached herewith please find the summary of bids received and firms solicited for our 46th Annual Report which you will note is not only above the amount estimated for 1967-1968 but over as well the amount requested for 1968-1969.

It is respectfully requested that Item 11, object code 296, be increased for 1968-1969 to at least \$2,500.00 to cover what is an unexpected rise in printing costs due apparently to the additional number of copies required and normal production increases.

Should an additional meeting or other information be required to increase this item, please do not hesitate to contact us.

Very truly yours,


Walter J. Edelblut, Jr.
Executive Secretary

WJE/js

Attachment

XERO
COPYXERO
COPYXERO
COPY

Adventist Church, G. E. Smith, Pastor. The plans carry only the name of George O. Carlson, 1201 E. Haywood, Phoenix, Arizona, American Institute of Building Design, Job C-1025. It appears from the plans that George O. Carlson is practicing architecture.

1-67-05-04 Roosen's Design Service
Mr. Skipper Wall and Mr. Thomas Gale, registered architects, brought in plans for residences carrying the title block of Roosen's Design Service, 510 E. Southern Ave., Phoenix, Arizona. These residences were designed for Mr. & Mrs. Gerald Nelson and Doctor and Mrs. Roderic S. Huber. It appears from the plans submitted that Roosen's Design Service were practicing as architects in these cases.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that the above complaints against Mr. Kelly Hunt, Mr. G. W. Stark, Mr. George O. Carlson and Roosen's Design Service be filed by the Board with the County Attorney for action under ARS 32-145. Motion carried.

2) The Committee then discussed complaints against registrants and it was resolved that the registrants concerned would be invited to appear on September 15th before Grievance Committee #1 if the Committee decided that the complaint merited further discussion.

1-67-06-05 Ellers & Reeves
It appears to the Committee that Ellers & Reeves may be in violation of the Technical Registration Act ARS 32-141 by having an office established in Arizona and performing mechanical and electrical work which is not under the direct supervision of Arizona registrants, as persons who do have electrical and mechanical registrations reside in Memphis, Tenn.

It was moved by Mr. Vanlandingham and seconded by Mr. Eyring that Ellers and Reeves be requested to appear before the next meeting of Grievance Committee #1 on September 15, 1967. Motion carried.

1-66-01-04 Deremiah, James
It appears to the Committee from information provided by a former member of the Board that James Deremiah, a registered architect, may be practicing engineering in designing a new sand filtering system for the Arizona State Prison at Florence.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that Mr. James Deremiah be requested to appear before the next meeting of Grievance Committee #1 on September 15, 1967. Motion carried.

1-66-10-07 Britt, Duncan E.
It appears from a letter and copy of plans from the Division of Environmental Health at the Arizona State Department of Health that certain irregularities may be occurring in the use of the seal by Duncan E. Britt or others. Duncan E. Britt is known to operate in Florida, however, his seal and signature appears almost instantaneously on certain plans prepared by Whitaker Construction Company, Tucson, Arizona. Other complains of apparent misconduct have been previously reported by Archie Ferguson, registered engineer, on the same individual.

It was moved by Mr. Vanlandingham and seconded by Mr. Eyring that Mr. Duncan Britt be requested to explain the apparent violation and probable cause

for revocation, and bring his seal to the next regular meeting of the Grievance Committee #1 on September 15, 1967. Motion carried.

1-66-10-05 Thorud, Bert
Copies of plans are available to the Board showing that registered architect Bert Thorud has stamped plans for a steel shop and office building which indicate the electrical work was designed by W. P. Hampton of New State Electric Co.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that Mr. Bert Thorud be requested to appear before the next meeting of Grievance Committee #1 on September 15, 1967. Motion carried.

1-66-10-06 Tang, John Sing
The Committee has available plans on which the signature of John Sing Tang appears for a store building for Mr. John Low on which the electrical work was designed by Jim Ward of Read Electric Company.

It was moved by Mr. Vanlandingham and seconded by Mr. Eyring that Mr. Tang be requested to appear before the next meeting of Grievance Committee #1 on September 15, 1967. Motion carried.

1-65-11-09 Rolle, Alex J.
It appears to the Board that Alex J. Rolle, registered engineer, may have used his seal and signature on work performed by another in the case of Clay Burgess Chevrolet Complex, Yuma, Arizona, N. J. Riber Enterprises, Inc., General Contractors.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that Mr. Rolle be requested to appear before the next meeting of Grievance Committee #1, on September 15, 1967. Motion carried.

1-66-06-03 Peck, Howard Heampstead
Copy of plans bearing the title block of F. E. MacDonald, Jr., Consulting Engineer, San Gabriel, California, but bearing the seal and signature of Howard Heampstead Peck were reported to the Board by the Chairman.

As there may be probable cause for misconduct, it was moved by Mr. Vanlandingham and seconded by Mr. Eyring that the Executive Secretary get official plans from the City of Phoenix and Mr. Peck be requested to appear before the next meeting of the Grievance Committee #1 on September 15, 1967. Motion carried.

1-66-11-08 Babcock, Grant
Complaint by Mr. R. R. McGrew relative to Mr. Grant Babcock, registered land surveyor, was presented to the Committee.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that Mr. Babcock be requested to appear before the next meeting of Grievance Committee #1 on September 15, 1967. Motion carried.

1-66-03-02 Shipley, Herb
It was moved by Mr. Vanlandingham and seconded by Mr. Eyring that the complaint be closed and no further action be taken. Motion carried.

- 1-65-11-07 Johns, Lloyd Lee
It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that the complaint be closed and no further action be taken.
- 1-67-06-06 McIntyre, Robert
Copy of letter to Mr. McIntyre was received from Mr. H. L. Field, Jr., City Manager, Flagstaff, Arizona.

It was moved by Mr. Vanlandingham and seconded by Mr. Eyring that Mr. McIntyre be requested to appear before the next meeting of Grievance Committee #1 on September 15, 1967. Motion carried.
- 1-67-04-07 L. H. Bell & Associates
This complaint had been previously disposed of by the Board and is numbered for record only.
- 1-67-04-08 Vanness, Calvin H.
Plans and specifications for the Maricopa County Parks Board carrying the seal and signature of Calvin H. Vanness has been rumored to be the work of a non-registrant Donald Metz.

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that this complaint be continued for further investigation. Motion carried.
- 1-67-06-09 Luckman, Charles
Information provided to the Board by Mr. Fred Weaver regarding Charles Luckman Associates was tabled on motion by Mr. Vanlandingham and seconded by Mr. Eyring as there is no apparent violation at this time on the data submitted. Motion carried.

- 3) The cooperation between the Board of Technical Registration and the Registrar of Contractors was discussed and it was indicated that further and more complete cooperation was required particularly with the hope that the Board could secure the list of proposed licenses to be granted and, if possible, protest when engineering is used in the name, and it is not the primary function of the organization. It is suggested that members of the Committee, Executive Secretary and Anthony Mason attempt to clarify this matter.

It is respectfully requested that the Board accept and implement this report of the meeting held on July 14, 1967.

It was moved by Mr. Goodwin and seconded by Mr. Dryden that the foregoing report be accepted and implemented. Motion carried.

Mr. Goodwin then reported on the meeting of Grievance Committee No. 1 held September 15, 1967, in the office of the Board and recommended its adoption:

Present at the meeting were:

- Kemper Goodwin, Chairman
- C. W. Dryden
- Carl T. Eyring
- M. L. Vanlandingham
- Charles W. Newlin
- Executive Secretary
- Anthony Mason
- John Brabec, Court Reporter

The Committee met with certain registrants to discuss complaints filed against them. A full transcript of the proceedings was made and is on file in the office of the Board.

The results of the discussions and recommendations of the Grievance Committee are as follows: Except as noted all votes were unanimous.

- 1-66-11-08 Babcock, Grant
The Committee recommends the complaint against Mr. Babcock be closed with a letter of admonishment to him directing that in the future he pay closer attention to this professional conduct with a copy to be placed in his permanent registration file.
- 1-67-06-06 McIntyre, Robert
The Committee recommends that the complaint against Mr. McIntyre be closed.
- 1-66-10-05 Thorud, Bert
The Committee recommends that the complaint be closed with reprimand to Mr. Thorud as a part of his permanent registration file. 3 yes, 2 no.
- 1-66-01-04 Deremiah, James
The Committee recommends the complaint be closed with letter of admonishment to Mr. Deremiah that he pay closer attention to his compliance with the Technical Registration Act in regard to engineering work with copy to be placed in his permanent registration file. Mr. Deremiah is, also, to furnish the Board with a certification by his consulting engineer indicating work on these projects was done under his supervision and responsibility.
- 1-66-10-06 Tang, John Sing
The Committee recommends the complaint be closed with a letter of strong reprimand to Mr. Tang and made a part of his permanent registration file. 4 yes, 1 no.
- 1-65-11-09 Rolle, Alex J.
The Committee recommends to the Board that a formal hearing be held on Mr. Rolle for aiding and abetting and misconduct in the practice of his profession by placing his seal and signature on the architectural plans for Clay Burgess Chevrolet Complex, Yuma, Arizona. 4 yes, 1 no.
- 1-66-06-03 Peck, Howard Heapstead
The Committee recommends the complaint be closed with a strong reprimand made a part of his permanent registration file.
- 1-67-06-05 Ellers & Reeves
The Committee granted an extension to Mr. Ellers for an appearance at a later date before the Committee. This date to be scheduled in the near future.
- 1-66-10-07 Britt, Duncan E.
The Committee directed the Executive Secretary to secure a determination by a hand writing expert on Mr. Britt's signature on the plans prepared by Whitaker Construction Company, Tucson, Arizona submitted to the Arizona State Department of Health. A later report from the Committee will be submitted.

It is respectfully requested that the Board accept and implement this report of the meeting held on September 15, 1967.

It was moved by Mr. Goodwin and seconded by Mr. Vanlandingham that the report be accepted and implemented. Motion carried.

Mr. Goodwin then reported on Complaint No. 1-66-10-07, Duncan E. Britt, on which the Executive Secretary was directed to secure a determination from a handwriting expert on the signatures involved. The first report from the expert, Mr. Joe Nemecek, is included as Minute Page 2113, and clearly indicates that there was a questionable signature involved. It was moved by Mr. Goodwin and seconded by Mr. Newlin that Duncan E. Britt, registered Civil Engineer, No. 4834, be held for a formal hearing under ARS 32-125 and 32-128. Motion carried. Chairman Girand ordered that the formal hearing on Duncan E. Britt be held at the December meeting of the Board.

Mr. Goodwin then reported on Complaint No. 1-65-11-09, Alex J. Rolle, previously reported to the Board in the minutes of July 14th and September 15th Grievance Committee No. 1 meetings. It was moved by Mr. Goodwin and seconded by Mr. Eyring that Alex J. Rolle, registered Civil Engineer, No. 2030, be held for a formal hearing for violation of ARS 32-128 for aiding and abetting and misconduct in the practice of his profession, with date of hearing to be established later. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that complaints be filed with the Maricopa County Attorney, under ARS 32-145, against the following non-registrants reported to the Board under the July 14th meeting:

Kelly Hunt
G. W. Stark

George O. Carlson
Roosen's Design Service

REPORT OF GRIEVANCE COMMITTEE #2

Dean Coleman reported that Grievance Committee #2 had no open complaints presently and had no report.

REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

It was reported by Mr. Dryden and Mr. Feldman that a discussion was held on the Executive Secretary's Suggested Guidelines for Consideration of Applications, referred to the Committee at the June meeting of the Board. This report is as shown on Minute Pages 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125. The discussion, in committee, indicated that favorable consideration of the procedures should be adopted and implemented.

It was moved by Mr. Dryden and seconded by Mr. Feldman that the report of the Special Office Procedures Committee be accepted. Motion carried. It was moved by Mr. Feldman and seconded by Mr. Eyring that the Suggested Guidelines for Consideration of Applications be established as a procedure for this Board and implemented for consideration of applicants so held after this meeting. Motion carried, five members in favor, two opposed.

REPORT OF EXECUTIVE SECRETARY

The Executive Secretary submitted Cash Flow Report No. 1 for the first quarter of this fiscal year, shown as Minute Page 2126.

JOE NEMECEK

Questioned Documents Examiner

PHOENIX, ARIZONA 85018

September 23, 1967

PHONE: 955-1940

2823 EAST WELDON AVE.

Mr. Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
Suite 408 Guaranty Bank Building
Phoenix, Arizona

Dear Mr. Edelblut:

Re: Signature D.E. Britt

This is a report on my findings in connection with my handwriting examination on the questioned D. E. Britt signature affixed over an imprint of a seal which reads "Registered Professional Engineer (Civil), Certificate No. 4834, in the name of Duncan E. Britt." This signature and seal impression appears on a blue print under the title "Reservoir For Arizona - Sonora Desert Museum".

This questioned signature was compared with known signature standards of D.E. Britt furnished me by your office.

It is my considered opinion that the questioned D. E. Britt signature is not a genuine signature of D. E. Britt. There are numerous characteristics in the questioned signature that are not consistent with the known standards of D. E. Britt. A number of factors were considered, including slant, the initial and finishing strokes, pen-pressure, pen movement, proportionate height of letters, connecting strokes, etc.

Should this matter ultimately result in court action and/or hearing, please allow at least ten days' notice so that adequate charts may be prepared for demonstration purposes.

You will find enclosed all materials submitted to me for study.

Respectfully submitted,

Joe Nemecek
Joe Nemecek, Questioned
Documents Examiner

JN/hp
Encls.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

June 20, 1967

TO: Mr. Girand, Chairman
FROM: Executive Secretary
SUBJECT: Review of applications

As per your instructions and requests by other members I attempted to codify the present review of applications and establish guide lines. There is attached a Review of Applications Procedures and as this was being summarized under classifications I and II other associated problems prompted that more than guide lines on existing procedures was required to be considered.

The entire work load of applications is increasing requiring more and more time of individual board members to conduct personal audiences, make initial reviews of applications and discuss at board meetings the reasoning, justification and results of initial reviews. The members are also in this manner required to assume personally what should rightly be joint responsibility.

The applicant, too, expects positive board direction in the review of his application and is most willing to come when scheduled before the board or a committee thereof for application review and personal audience. I believe that behind this may be that firms will pay for travel expenses when employee is directed to appear on a given date and when the date is variable desires that trip be combined for reimbursement or made at own expense.

Applicants and their employers consider nothing irregular about being notified of an exact time and place, as most states use this method of reviewing applications. The applicants and their firms, however, feel that the three month period between Board meetings for the personal audience puts an unjustified delay on securing registration which could be eliminated.

I have therefore presented in lieu of detailed guide lines for application review a completely new approach to be considered and the suggested procedure is under classification III.

These proposals while requiring an additional meeting each quarter on the part of members for evaluation committee meetings, does accomplish the following:

- (a) Members, as individuals, need no longer be forced to make and justify any requirements for registration of an applicant nor use office hours or weekends for such reviews.
- (b) Members need not allocate part of their normal business hours to conduct personal audiences and personally be praised or castigated by the applicant for the conduct and results of the audience.

June 20, 1967

Mr. Girard

- (c) Board meetings should be shortened for every applicant will know of the requirements for registration and will have been given an appearance and personal audience before the findings of the board become a matter of formal record.
- (d) Comprehensive Oral examination will be held, receive approval of the examination and receive approval of the results by all members of board at regular meetings.
- (e) Applicants will receive faster registration when fully qualified.

The recommendations, while trying to convey my thoughts on the subject, may or may not meet the members approval but it is sincerely requested that this meeting the board consider, give approval and authorize provisional use of the procedure for a trial period between the June and September meetings of the board.

There are available sufficient copies of this report for circulation to all members if you so direct.

W. W. W.

REVIEW OF APPLICATIONS PROCEDURES

1) The following is now in effect and in printed form:

A) Statutory Authority

- 1) ARS-32-106,A-3. The board shall consider and pass on applications for registration.
- 2) ARS-32-106,A-7. The board shall keep a register which shall show the date of each application for registration, the name, age, qualifications and place of business of the applicant, and the disposition of the application.
- 3) ARS-32-106,B. The board shall specify on the certificate of registration and annual renewal card issued to each registered engineer the branch of engineering in which he has demonstrated proficiency, and authorize him to use the title of registered professional engineer. The board shall decide what branches of engineering shall be thus recognized.

B) Statutory Qualifications of Applicants

No. 32-121. Certificate required for practice of Architecture, Assaying, Engineering, Geology, or Land Surveying.

A person desiring to practice the profession of architecture, assaying, engineering, geology, or land surveying shall first secure a certificate of registration and shall comply with all the conditions prescribed in this chapter.

No. 32-122. Qualification of Applicant.

A. An applicant for registration as an architect, engineer or geologist shall be not less than twenty-five years of age and of good moral character and repute and shall have engaged actively for at least eight years in architectural, engineering or geological work of a character satisfactory to the board, but each year of teaching architectural, engineering or geological subjects or of study satisfactorily completed in an architectural, engineering or geological school approved by the board up to a maximum of five years, may be considered equivalent to one year of active engagement.

B. An applicant for registration as an assayer or a land surveyor shall have engaged actively for at least four years in assaying or land surveying work of a character satisfactory to the board, but each year of teaching assaying or land surveying or of study satisfactorily completed in a school approved by the board, up to a maximum of two years may be considered equivalent to one year of active engagement.

No. 32-123. Application for registration.

A. A person desiring to practice architecture, assaying, engineering, geology, or land surveying shall make application for registration on a form prescribed by the board, subscribed under oath and accompanied by the registration fee. If the evidence submitted satisfies the board that the applicant is fully qualified to practice the profession for which registration is asked, it shall give him a certificate of registration, signed by the chairman and secretary and attested by the official seal.

B. If in the judgment of the board the applicant has not furnished satisfactory evidence of qualifications for registration it may require additional data, or may require the applicant to submit to an oral or written examination.

C. If the application is denied, the registration fee shall be returned, less the cost of considering the application, as determined by the board.

No. 32-124. Registration Fees.

The following fees shall accompany applications for registration:

1. For a certificate as an architect, engineer or a geologist, twenty-five dollars.
2. For a certificate as an assayer or land surveyor, fifteen dollars.
3. For a registration as an engineer-in-training, ten dollars.
4. For a temporary permit to practice architecture, engineering, geology, assaying or land surveying, not to exceed a period of ninety days, by a non-resident holding a valid certificate of registration as an architect, engineer, geologist, assayer or land surveyor by another state or territory of the United States, fifty dollars.

No. 32-126. Registration without examination.

The board may register without examination an applicant who holds a valid and subsisting certificate of registration issued by another state or foreign country which has requirements for registration satisfactory to the board, or who holds a certificate of qualification issued by a national bureau of registration or certification.

C) Procedures established in rules (excerpts)

1) Rule I General Rules

A. Applications

1. The Board meets regularly in March, June, September, and December to consider applications for registration. No application will be presented to the Board for its consideration until all of the required information, including transcripts, concerning the application has been received. This includes a standard application form completely filled out, including required signatures on application, photograph, and affidavit. A fee of \$25.00 if for Architect, Geologist, or Professional Engineer, \$15.00 if for Assayer or Land Surveyor, \$10.00 if for Architect-in-Training, Engineer-in-Training, or Geologist-in-Training, must accompany the application form. It is the applicant's responsibility to secure transcripts of his records from all colleges attended. The applicant must arrange to have these transcripts sent directly from the college registrar to the office of the Board. The applicant's sole responsibility regarding references is that of furnishing a suitable list. The office of the Board will request such information as it deems necessary from the references submitted by the applicant. References submitted by an applicant should include at least three persons registered in the same general field of experience as the applicant and two references who are now, or have been, the applicant's immediate supervisors. Other persons will be evaluated as references only if their responsibility and their ability to evaluate the technical competence of the applicant can be established by the Board.

2. Engineers desiring registration in more than one branch must submit a separate application for each branch and pay the regular fee with each application. Registration in engineering will be granted in the major branches of engineering included in the college curricula approved by the Board. Major branches of engineering presently recognized by the Board are: Aeronautical, Agricultural, Chemical, Civil, Electrical, Engineering Science, Geological, Highway, Industrial, Mechanical, Metallurgical, Mining, Nuclear, Petroleum, Sanitary, and Structural.

3. The Board does not grant registration to residents of other States, except under unusual circumstances, unless they hold registration in the State of their legal residence.

4. When an application for registration is denied, the applicant will be so notified. No re-application will be accepted until one year has elapsed from the date of the formal Board action denying the original application. When applications for registration are denied on initial Board action, the following refunds of application fees will be made: Architect, Engineer, or Geologist, \$10.00; Assayer or Land Surveyor, \$5.00. Applicants whose applications for registration are denied subsequent to initial Board action will receive no refund of their application fees.

5. No application made on any other than a printed form issued by the Board will be accepted or considered by the Board, except

that, in the event any printed form issued by the Board does not contain sufficient space for the necessary evidence to be submitted, the applicant may attach additional sheets to said form to any desired extent, but such attached sheets must be of the same size as the printed form and shall be securely attached thereto.

6. An applicant may withdraw his application for registration by written request to the Board for approval of such withdrawal. An approved withdrawal is deemed by the Board to be a denial of an application for registration without prejudice and no refund of the application fee will be made.

7. An applicant for any of the three in-training programs shall, in order to be admitted to the in-training examinations, submit an application to the Board on the prescribed form for approval by the Board. It will be necessary for an applicant to pay the \$10.00 application fee required under Rule I-1 for registration as an Architect-in-Training, Engineer-in-Training, or Geologist-in-Training, as well as the examination fees stated in Rule II-F.

2) Rule II Examinations

6. Professional Engineering—The complete professional engineering examination will consist of four parts with the exception of Structural Engineering, which will consist of six parts. Each part of the examination will be of four hours duration and requires a passing grade of 70% on each part of the examination. Parts I and II of this examination may be required of any applicant for registration as a professional engineer who graduated from an engineering college subsequent to January 1, 1953, and of all non-engineering college graduates applying for registration as a professional engineer.

All professional engineering examinations are open book and the applicant may bring any text or reference desired.

The parts of the professional engineering examination are defined as follows:

- Part 1 Basic Sciences
- Part 2 Engineering Sciences
- Part 3 Engineering Analysis
- Part 4 Engineering Design
- Part 5 Comprehensive Engineering Design
- Part 6 Structural Engineering Design

3) Rule II-D- Comprehensive Oral Examination

The applicant for professional registration who has received a waiver of the written examination and a comprehensive oral examination substituted therefor, shall personally appear at a time and place indicated by the Board for oral demonstration of his proficiency in the area for which professional registration is applied. The oral examination held by the Board or a member thereof shall be of such duration as necessary to demonstrate the applicant's proficiency.

4) Rule II-E- Personal Audience

A personal audience will be required of all applicants in order to complete professional registration. The personal audience will consist of an oral examination of 15 to 30 minutes and will include questions covering the Code and Rules of the State Board of Technical Registration. The personal audience will be given at a time and place convenient to the Board by the Board or member of the Board. An applicant who fails to appear for a personal audience within six months from the date on which he was first notified to appear shall have his application for registration denied unless this rule is waived by the Board for good cause shown.

5) Rule III Experience

1. Qualifying experience, other than time allowed for education, shall in general be limited to that time in which an applicant has been directly employed in a responsible position of a character satisfactory to the Board.

6) Rule VI Temporary Permits.

Temporary permits to practice architecture, engineering, geology, assaying or land surveying may be issued, covering one project only, for a period not to exceed ninety days to a non-resident holding a valid certificate of registration as an Architect, Engineer, Geologist, Assayer, or Land Surveyor by another state or territory of the United States who is an applicant for professional registration in Arizona. An applicant desiring a temporary permit shall file with his application for professional registration the prescribed form for a temporary permit. The temporary permit fee is exclusive of any application fee for professional registration.

II) The following is present procedure and practice (not printed) for professional registration:

A) By Office of Board

- 1) Provides and receives applications for professional registration and insures proper fee is transmitted, after recording, to Treasurer.
- 2) Verifies that applicant is registered in his state of legal residence and that the form is properly filled out, picture is attached with signature and that application signature is notarized.
- 3) Records necessary information required under ARS 32-106 A,7.
- 4) Verifies prior registrations direct with other states concerned.
- 5) Receives transcripts direct from universities and verified listed degrees.
- 6) Prepares a summary sheet showing name, age, address, proficiency registration requested, status of other registrations and education and summarizes the experience shown on the application.
- 7) Sends application to board member for initial review and prepares composit summary for entire board action.
- 8) Records and implements findings of board on each applicant.

B) By Engineer members of Board (as individuals)

Engineer, Geologist, Assayer and Land Surveyors applications are now sent to individual members of the board for first review after application is complete and this member must make a full determination as to the requirements for registration. If the member cannot determine a recommendation, he sends the application to full board discussion at a regular meeting.

C) By Architect members of Board (as committee)

Architect applications are sent to individual members for initial review after application is complete. The architect members, however, meet as a committee about three weeks before a board meeting and require all applicants to appear at that time for oral discussion of their abilities and Personal Audience. An applicant who does not appear will be held for one more committee meeting before the application is considered for denial.

The office of the board records the results of this meeting and circulates to all members of board, and all architectural applications are presented to the board as a unified result, one of the following recommendations:

- (1) Grant registration (ARS 32-123A and ARS 32-126).
- (2) Hold for lateral force (ARS 32-123B) treatise and problems with registration to be granted after receipt and approval of same.
- (3) Hold for written examinations (ARS 32-123B) and registration to be granted after passing grades are certified.
- (4) Deny. (ARS 32-123C).

D) Regular meetings of Board

- 1) Accept recommendations of individuals and architectural committee.
- 2) Discuss only applications on which members have indicated discussion is desired, or any application to which a member might disagree.
- 3) Holds as requirements for registration action of one member which has always been subjected to dispute by dissatisfied applicant (Ludlow vs. STBR)

III) Suggested New Procedures

A) By Board Chairman

The board chairman shall:

- 1) Appoint all members of the board, other than architects, to Evaluation Committee #1.
- 2) Appoint all architect members to Evaluation Committee #2.
- 3) Appoint chairmen to head each of these committees for the ensuing period between regular meetings to rotate work load among members.
- 4) Establish that a quorum of three is necessary for committee #1 to function, and of two for committee #2.
- 5) Secure agreement at regular meeting of the starting dates and location for evaluation committee meeting which shall be held at least two weeks before next scheduled board meeting.
- 6) Charge each committee and office to perform the functions and make the recommendations described as follows in this proposal on all applicants to be reviewed by the board.

B) Evaluation Committee #1

The Committee shall:

- 1) Hear their chairman's comments on applications to be reviewed at the meeting prior to the appearance of the applicant in person.
- 2) Hear each applicant scheduled for review and conduct the personal audience and determine the qualifications of applicant in his field of requested registration.
- 3) Determine the requirements for registration on each applicant and prepare recommendation for board action.
- 4) Make to the board for consideration at the next regular meeting one of the following recommendations on each applicant:
 - (a) Grant registration (ARS 32-123A and ARS 32-126)
 - (b) Hold for comprehensive oral examination and grant registration if applicant is successful. (ARS 32-123B)

- (c) Hold for written examinations and grant registration after successful passing grades, in all sections required, are certified. (ARS 32-123B)
- (d) Deny registration (ARS 32-123C)
- (e) Deny applications of applicants, with refund, who have not appeared before committee after being scheduled twice for such meetings. (ARS 32-123C)

C) Evaluation Committee #2
The Committee shall:

- 1) Adopt and implement the procedures established for Evaluation Committee #1, items 1 thru 3.
- 2) Adopt and implement procedures established for Evaluation Committee #1, item 4 and add the following recommendations for board consideration:
 - (f) Hold for lateral force treatise and problems with registration to be granted after receipt and approval of same.
 - (g) Deny applicants who do not provide acceptable treatise and problems on lateral forces within time allotted by Committee.
 - (h) Review treatise and problems submitted for approval.

D) The Board in regular meeting
shall:

- 1) Accept for discussion recommendations of evaluation committees on all applicants to be considered at regular meeting.
- 2) Prepare and pass proper motions to implement recommendations of the committees.
- 3) Hear appeals, in writing or person, by applicants on actions taken at regular meeting immediately past and determine registration requirements.

- 4) Conduct comprehensive oral examinations for all applicants who were so held at the committee meeting immediately prior to this meeting and determine registration requirements.
- 5) Prepare and pass such other motions as may be pertinent to applicants for registration to insure all applicants remain in current status with office of board.
- 6) Grant registrations to applicants who have met or passed all of the board's requirements.
- 7) Deny applicants so determined.

F) Office of Board (Prior to Evaluation Committee Meeting)
The Office shall:

- 1) Provide and receive applications for professional registration and insure proper fee is transmitted, after recording, to Treasurer.
- 2) Verify that applicant is registered in his state of legal residence and that the form is properly filled out, picture is attached with signature and that application signature is notarized.
- 3) Return, unprocessed, all applications not correctly presented, before recording fee, and re-accept revised applications which then meet the requirements.
- 4) Record information necessary under ARS 32-106,A-7.
- 5) Verify prior registrations direct with other states concerned.
- 6) Receive transcripts direct from universities and verify listed degrees.
- 7) Notify applicant of meeting date of appropriate Evaluation Committee meeting, verify appearance of applicant at this meeting and/or notify applicant that his application was not complete and he will be rescheduled at a later date.
- 8) Notify applicant in detail of what committee will expect from him at meeting.

- 9) Prepare a summary sheet on each applicant showing name, age, address, proficiency of registration requested, status of other registrations and education and summarize the experience shown on the application.
- 10) Gather such other information deemed necessary for complete evaluation.
- 11) Enter on original of summary sheet of applicant a first consideration report on the applicant's qualifications as defined in statutes or rules giving indicated requirements for registration.
- 12) The first consideration report shall show one of the following:
 - (a) Grant registration after P.A. because of prior registration by written examination.
 - (b) Registration after successful passing grades are certified on the following written examination sections as noted -

Arch.	C,D,E,F,G,H,I
Engr.	1,2,3,4,5,6
L.S.	1,2,3,4
Geo.	1,2,3,4
Assayer	4 hrs, 8 hrs
 - (c) Review and determine equivalence of prior registration without examination.
 - (d) Hold for lateral force treatise and problems before granting registration.
 - (e) Deny registration with reasons.
 - (f) Defer to chairman for recommendation to committee.
- 13) Transmit to chairman of appropriate committee all original summary sheets and complete application files on persons to be discussed and interviewed at next scheduled committee meeting.
- 14) Transmit to other members of committee Xerox copies of original summary sheets with first considerations shown.

- 15) Insure that all of the documents in 13 and 14 above are in hands of members 1 week before meeting.
- 16) If necessary, clarify with chairman or members how first consideration was determined prior to meeting date.
- 17) Insure that all application files are available the date of the committee meeting for committee review.

F) Office of Board (At Committee Meetings)
shall:

- 1) Have available all files on applicants to be considered.
- 2) Arrange for orderly flow of applicants.
- 3) Insure necessary travel orders for members.
- 4) Record the recommendations of Evaluation Committees and insure recommendations on all applicants reviewed are prepared in proper forum for presentation at regular board meetings.

G) Office of Board (At and after Regular Meetings)
The Office shall:

- 1) Insure that each member of board receives a complete copy of evaluation committee recommendations at least 3 days before a regular meeting.
- 2) Notify and secure verification of attendance on all applicants for Comprehensive Oral Examination at the regular board meetings.
- 3) Schedule appeals for applicants making appeals at board meetings.
- 4) Record board motions and actions on applicants.
- 5) Notify all applicants of the regular board action on their application.
- 6) Perpetuates the application process cycle.

CASH FLOW REPORT - QUARTERLY

Date: September 15, 1967

REPORT #1

Balance on Deposit as of July 1, 1967 - \$16,413.68

Appropriated Receipts
this quarter - \$1,433.47

Unencumbered Balance as of this Report Date - \$9,223.58

Line Items	Appropriated Annually	Appropriated Quarterly	Amount Spent To Date	Balance for Quarter	Balance for Year
Personal Services	\$22,600.00	\$5,650.00	\$4,708.40	\$ 941.60	\$17,891.60
Current Expenditures - Other	\$12,200.00	\$3,050.00	\$1,551.53	\$1,498.47	\$10,648.47
Travel - State	\$ 2,300.00	\$ 575.00	\$ 108.40	\$ 466.60	\$ 1,833.40
Travel - Out of State	\$ 2,200.00		\$ 951.76		\$ 1,248.24
Capital Outlay - Equipment	\$ 650.00		- 0 -		\$ 650.00
Current Fixed Charges	\$ 6,335.00		\$1,294.48		\$ 5,040.52
Professional Services	\$ 1,000.00	\$ 250.00	- 0 -	\$ 250.00	\$ 1,000.00
Admins	\$ 200.00		\$ 9.00		\$ 191.00

READING OF COMMUNICATIONS

Report of Dr. James H. Sams, Executive Secretary of National Council of State Boards of Engineering Examiners, Minute Pages 2128, 2129 and 2130, was recorded for information.

Letter from O. B. Curtis, Chairman of National Council of Engineering Examiners Awards Committee, regarding Distinguished Service Awards was reported to the Board as Minute Pages 2131, 2132, 2133, 2134, 2135 and 2136. It was moved by Dean Coleman and seconded by Mr. Eyring that this Board notify Mr. Curtis that this Board is not making a recommendation of an award for the Distinguished Service Certificate at this time. Motion carried.

READING AND CONSIDERING OF APPLICATIONS

Request of Donald Charles Klein, application file # 66-313, Chemical Engineer, for waiver of his personal audience, Minute Page 2135, was considered by the Board. It was moved by Dean Coleman and seconded by Mr. Goodwin that Mr. Klein's request for waiver of the personal audience be denied. Motion carried.

Request of Walter Edwin Dougherty, application file # 67-17, Electrical Engineer, concerning reconsideration of previous actions by the Board, by letter dated July 31, 1967, was considered. It was moved by Mr. Goodwin and seconded by Dean Coleman that the previous actions of this Board regarding the application of Walter Edwin Dougherty holding him for Parts 3 and 4 of the written examinations be affirmed. Motion carried.

Request of William Albert Rhodes, application file #66-255, Assayer, regarding the previous action of the Board holding him for written examinations, dated July 17, 1967, directed to the Arizona Attorney General's Office, was considered. It was moved by Mr. Feldman and seconded by Dean Coleman that the previous action of the Board holding Mr. William Albert Rhodes for the 8-hour assaying examination be affirmed. Motion carried.

Letter from Mrs. Dorothy (Lloyd Fletcher) Morrison indicating that her husband Lloyd Fletcher, application file # 67-108, Civil Engineer, had died. It was moved by Mr. Goodwin and seconded by Mr. Eyring that Mr. Morrison's name remain on the list of applicants to be granted at this meeting. Motion carried unanimously.

Upon the recommendations of the Comprehensive Oral Examination Committee regarding the application file no. 66-287, Jacques John Norell, Civil Engineer, it was moved by Charles W. Newlin and seconded by Mr. Feldman that Mr. Norell now be held for Parts 3 and 4 of the written examinations. Motion carried.

Upon the recommendations of the Comprehensive Oral Examination Committee regarding the application file no. 67-87, Harold Edward Richard, Assayer, it was moved by Mr. Dryden and seconded by Mr. Eyring that Mr. Richard now be held for the personal audience requirement. Motion carried.

Request of Frank L. Wagner, application file no. 67-77, Structural Engineer, concerning reconsideration of his application, in his letter of July 3, 1967, was discussed. It was moved by Mr. Eyring and seconded by Mr. Dryden that Mr. Wagner sit for Parts 3, 4, 5 and 6 of the written examinations, re-affirming the Board's previous action. Motion carried.

NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS
THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES
P. O. DRAWER 752 CLEMSON, SOUTH CAROLINA 29631

August 4, 1967

Secretaries of Member Boards, NCSBEE

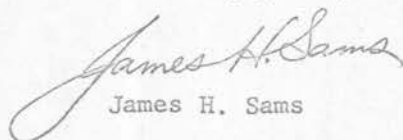
Gentlemen:

In the revision of the address pamphlet of the State Boards I am planning to include a brief summary of the minimum requirements for registration for each state.

I have tabulated the various requirements of the State Laws as reported in the latest revision of the "Synopsis of State Laws" in 1964, and have assigned letters to the various combinations of education, experience and examinations required. These letters will be listed at the end of the address, in parenthesis, for each state.

Please check the attached list and return one sheet marked approved, or amend it according to your present requirements, according to the nearest minimum as given in the three requirements. Please return this promptly as the revised list should be issued next month. Your usual fine co:operation and assistance are greatly appreciated.

Sincerely yours,


James H. Sams

JHS:jf

Encl.

Returned marked approved.

RECEIVED
AUG 7 1967
STATE BOARD TECHNICAL REGISTRATION

MINIMUM REQUIREMENTS FOR REGISTRATION

1. For graduates of an ECPD accredited engineering curriculum the following engineering experience satisfactory to the State Board and written examinations are required to meet the minimum qualifications for registration:

Category	Experience	Hours of Exams
A	4	8
B	4	12
C	4	16
D	2	16
E	3	16
F	3	0
G	4	0
H	6	0

2. For non-graduates longer periods of engineering experience satisfactory to the State Board are required before an applicant will be permitted to take the written examinations. The following are minimum requirements:

Category	Experience	Hours of Exams
L	6	16
M	8	8
N	8	16
O	10	16
P	12	12
Q	12	16

3. A third set of qualifications is provided in several states for those who have been engaged in the lawful practice of engineering for longer periods of time. In these cases from 15 to 25 years of engineering experience satisfactory to the State Boards is required, examinations are sometimes required, depending on the education and the quality of the experience, and frequently a minimum age is specified for consideration under this category. The applicant should check with the individual State Board to determine the specific requirements for registration under these conditions. The letter "S" as a third letter indicates which Boards consider applicants under these conditions.

S - Long established practice.

List of States with the minimum qualifications required
for registration in the categories listed on Sheet 1.

Alabama F-N	Kansas C-N-S	North Dakota C-N
Alaska C-N	Kentucky A-N	Ohio C-N
Arizona C-N	Louisiana H-N	Oklahoma G-N-S
Arkansas C-N	Maine C-N	Oregon C-N
California D-L	Maryland C-M-S	Pennsylvania A-Q
Canal Zone C-Q-S	Massachusetts G-M-S	Puerto Rico C only
Colorado A-M-S	Michigan C-N	Rhode Island C-Q-S
Connecticut C-O	Minnesota C-Q	South Carolina C-N-S
Delaware C-N-S	Mississippi G-N	South Dakota C-N
District of Colo. C-Q	Missouri C-N	Tennessee G-N
Florida C-O	Montana C-N	Texas G-N
Georgia C-N	Nebraska A-N	Utah C-N
Guam C-N-S	Nevada C-N	Vermont F-M
Hawaii E-Q	New Hampshire A-N-S	Virginia C-O
Idaho B-N	New Jersey C-N	Washington C-N
Illinois C-N	New Mexico C-N	West Virginia C-N
Indiana C-N	New York B-P	Wisconsin C-N
Iowa C-Q	North Carolina C-N	Wyoming C-N

MISSISSIPPI STATE BOARD OF REGISTRATION
FOR PROFESSIONAL ENGINEERS & LAND SURVEYORS

02131

P. O. Box 3

JACKSON, MISSISSIPPI 39205

W. J. TURNBULL, PRESIDENT
HOOVER, MISS.
JOHN W. MARTIN, VICE-PRESIDENT
WINNAC, MISS.
O. B. CURTIS, SR., SECRETARY & MEMBER
JACKSON, MISS.

ROBERT G. MCLENDON, MEMBER
MCCOMB, MISS.
HARRY C. SIMRALL, MEMBER
STATE COLLEGE, MISS.
ROBERT H. YOUNG, MEMBER
JACKSON, MISS.

August 28, 1967

*mail to
walt*

To The Secretaries
All Member Boards
National Council of Engineering Examinees

Greetings:

Will you please place an item on the agenda of the Board for action at its next Board Meeting as follows.

Consideration of a NOMINEE for a Distinguished Service Certificate to the 1967-1968 Awards Committee of the National Council of Engineering Examinees.

The Committee respectfully requests that you notify its Chairman of the Board's action in one of three categories, viz.,

- (1) Name, address, and name of Board of nominee. (Statements as to the types of services to the Council or to his own Board which merit special consideration may be sent later, although we prefer to receive them with the nomination.)
- (2) A statement that the Board considered the matter and postponed action to a given date, or
- (3) A statement that the Board decided not to place a name in nomination.

A deadline date of January 15th, 1968 has been established for the receipt of nominations. A list of former recipients is attached.

Please acknowledge receipt of this letter.

walt handle
WJ

AWARDS COMMITTEE, 1967-1968, By

Leo W. Ruth, California
Weston S. Evans, Maine
Wm. M. Spann, Missouri
O. B. Curtis, Mississippi, Chairman
O. B. Curtis

OBC:mew

Reply to:
O. B. Curtis, Chairman
Awards Committee
P. O. Box 3
Jackson, Mississippi 39205

MISSISSIPPI STATE BOARD OF REGISTRATION
FOR PROFESSIONAL ENGINEERS & LAND SURVEYORS

02132

P. O. BOX 3

JACKSON, MISSISSIPPI 39205

W. A. THANGULL, PRESIDENT
MOBILE, MISS.
JOHN W. MARTIN, VICE-PRESIDENT
CHICKEN, MISS.
C. E. CURTIS, SR., SECRETARY & MEMBER
JACKSON, MISS.

ROBERT G. MCLENDON, MEMBER
MCCOMB, MISS.
HARRY C. SIMRALL, MEMBER
STATE COLLEGE, MISS.
ROBERT H. YOUNG, MEMBER
JACKSON, MISS.

August 28, 1967

TO: ALL ENGINEER MEMBERS of Member Board
National Council of Engineering Examiners

Subject: Nominations for
Distinguished Service Certificate

Gentlemen:

This letter invites nominations to the 1967-68 Awards Committee of the National Council. The Committee respectfully requests that nominations be made BY YOUR BOARD, in session, and that the transmittal come from the Board. Nominations need not necessarily be for Engineer Members of your own Board. Please do not hesitate to re-nominate a person previously nominated who did not receive the award, although Col. Spann has assured us that these nominees will be made available to the Committee, the services rendered by these nominees have probably increased in length and scope and probably deserve updating.

PRESENTING SERVICES

The services receiving primary consideration will be those rendered to the Council, including those rendered to its Zone functions. They also include services of a special nature rendered by reason of membership on a Member Board. These services may include, but are not limited to, serving on programs or panels of the Council or its Zones; service on Committees, submission, preparation or originally scoring examinations, attendance at and participation in Annual Meetings, attendance at E.C.P.D. Meetings, service as officers of the Council, Zone, or Member Board, appearances before Jet Clubs, student chapters or high-school career-type programs as a Member of the Board to explain the "whys" of E.I.T. certificates, written examination, registration, etc.

Honors, offices and accomplishments as a professional may also be submitted, however, they are construed as "non-primary" service for purposes of evaluating nominees for the award.

This Committee proposes to select eight semi-finalists, re-balloting to determine those who will be recommended to the Board of Directors for the award. The record of all eight semi-finalists will remain in the files for the use of future Committees.

Page 2

If you have previously placed nominees before the Committee who were not finally selected, please do not feel that the nomination was ignored. Your Chairman and some of the Committee Members have served a multiple number of years on this Committee. We can assure you that, nationally, highly competent and dedicated Engineers are nominated each year and the resulting decisions are difficult to make.

We have requested your Board's Secretary to place this matter on the agenda of your Board at its next meeting. The deadline for nominations has been set as January 15, 1968. If we can receive assurance from your Board's office prior to this date that a nomination will be forthcoming following a January Board Meeting of any date, we will withhold the balloting to honor that nomination.

Sincerely,

AWARDS COMMITTEE 1967-1968

By *O. B. Curtis*
O. B. Curtis, Mississippi
Chairman

OBC:new

ENCL: List of Prior Recipients
Procedure for Balloting

Reply to: O. B. Curtis, Chairman
Awards Committee
P. O. Box 3
Jackson, Mississippi 39205

PROCEDURE FOR BALLOTING AND RE-BALLOTING ON NOMINEES FOR THE
DISTINGUISHED SERVICE CERTIFICATE OF THE NATIONAL COUNCIL OF ENGINEERING EXAMINEES

I. PREAMBLE - This procedure involves three steps. First, a list of nominees will be prepared by Zones and submitted to the Committee Members from the respective Zones for review and the possible addition of one nominee, bearing in mind that his nominee may become a semi-finalist, whose record will be retained in the Committee file for future consideration.

Second, the Chairman will submit the full list, together with supporting information, to the Members for balloting on eight nominees to select "semi-finalists". Re-balloting will be requested until eight semi-finalists have been selected. Four votes will be required for selection, except that after the third ballot, if eight semi-finalists have not been selected, those receiving the greatest number of votes shall be declared selected.

Third, the eight names will be presented for balloting by rank, e.g., first, second, third, etc. A first place shall count 8 points; second place 7 points, third place 6 points, and so on to eighth place, one point. The results will be furnished to the Members each of which shall recommend how many recipients we will recommend, including the names as dictated by the balloting.

II. CITATIONS - Appropriate citations will be requested through the proper Member Boards identifying the person involved only as one of eight semi-finalists and explaining that for each semi-finalist not selected, his record will be placed in the files of the Awards Committee for future consideration.

III. GENERAL INFORMATION - A Member will be allowed two weeks in which to record his vote. Following this deadline date, votes will be tabulated, and he will be listed as "Not Voting". The results of each ballot will be circulated to each Committee Member. Nominees receiving no votes on any ballot will be eliminated from future ballots.

W. Martin
 Iowa
 T. Olmsted
 Michigan
 H. Daggett
 New Jersey
 J. Doty
 Minnesota
 Keith Legare
 South Carolina
 J. E. Pegues
 Louisiana
 Donald Derickson
 Louisiana
 S. Sands
 Colorado
 G. Vassie
 Virginia
 D. Tyler
 Virginia
 W. M. Palmer
 New York
 H. Butler
 Arizona
 J. Dougherty
 Tennessee
 Frank W. McKellip
 Minnesota
 B. Clemens
 Pennsylvania
 John C. Remington, Jr.
 New Jersey
 S. LeFellier
 South Carolina
 E. Chamberlin
 Minnesota
 D. Wallingford
 Arizona
 A. Kelly
 New Jersey
 Hinderlinder
 Colorado
 James Underhill
 Colorado
 Thomas H. Allen
 Tennessee
 Fred E. Ruediger
 Virginia
 C. Purer
 Hawaii
 S. Dodds
 Iowa
 H. Graf
 Oregon
 H. Grehan
 Louisiana
 L. Mann
 North Carolina

*D. B. Steinman
 New York
 *Erich Housmann
 New York
 N. T. Kinzly
 Tennessee
 R. V. Achatz
 Indiana
 *Owen M. Jones
 West Virginia
 *Theodore L. Condron
 Illinois
 R. A. Seaton
 Kansas
 C. A. Halbert
 Wisconsin
 H. D. Mendenhall
 Florida
 *L. L. Patterson
 Mississippi
 *A. G. Proctor
 California
 W. W. Graf
 Ohio
 Hal G. Sours
 Ohio
 George M. Shepard
 Minnesota
 C. C. Knipmeyer
 Indiana
 *Marcel Garsaud
 Louisiana
 *J. M. Gallalee
 Alabama
 H. T. Person
 Wyoming
 W. K. Simpson
 Connecticut
 *W. W. Hodge
 West Virginia
 M. K. Snyder
 Washington
 *D. B. Jett
 New Mexico
 Joseph Weil
 Florida
 C. E. Davies
 New York
 C. L. Eckel
 Colorado
 *Russell G. Warner
 Connecticut
 C. S. Crouse
 Kentucky
 Stanley G. Palmer
 Nevada
 J. D. Guillemette
 Rhode Island

Junius T. Moore
 West Virginia
 Allen S. Janssen
 Idaho
 Wm. M. Spann
 Missouri
 Carl L. Svensen
 Texas
 Alexander Blair
 Florida
 *A. G. Stanford
 Georgia
 *J. W. Gore
 Maryland
 Bruce Williams
 Missouri
 N. L. Freeman
 New York
 Robert N. Waid
 Ohio
 *Thomas C. Shedd
 Illinois
 A. L. Jones
 New Jersey
 Frank H. Prouty
 Colorado
 James H. Sams
 South Carolina
 T. E. Heathcote
 New Jersey
 *E. S. Rankin
 Minnesota
 O. B. Curtis, Sr.
 Mississippi
 H. L. Solberg
 Indiana
 E. R. Stapley
 Oklahoma
 Roy M. Green
 Nebraska
 Philip S. Mancini
 Rhode Island
 Bryand L. Hopkins
 Maine
 H. T. McGaughan
 Michigan
 Robert C. Johnson
 Wisconsin
 *A. J. Shaver
 Nevada
 Edward C. Dohm
 Washington
 N. J. McGuinness
 New Jersey
 Robert C. Gorham
 Pennsylvania
 *Lewis S. Neeb
 Arizona

William H. Larkin
New York
Albert Haertlein
Massachusetts
Wayne S. Hill
Oklahoma
E. A. Buckhorn
Oregon
L. T. Bohl
Rhode Island
W. C. Polkinghorne
Michigan
L. E. McCartt
Kentucky
A. L. McCawley
Missouri
Raymond J. Briggs
Idaho
Walter E. Bryan
Missouri
Robert J. Rhinehart
Arkansas
Goswami E. Cox
Georgia
C. M. K. Boelter
California

*Deceased

Frank Beard
Missouri
Lucius D. Barrows
Maine
Julian Wylly Keck
Florida
Arnold L. Henny
Oregon
Clifton C. Cobb
Alabama
Arnold M. Steffes
Minnesota
*Robert Williamson, Jr.
West Virginia
Leo M. Odom
Louisiana
John S. Jamison, Jr.
Virginia
Weston S. Evans
Maine
William H. Lesser
Pennsylvania
Arvin Page
North Carolina
Harry D. Watson
Maine

Clarence H. Evans
Delaware
Roswell H. Towill
Hawaii
W. Morgan Allen
Oregon
Chester A. Arents
West Virginia
John W. Beretta
Texas
Ben T. Bogard
Louisiana
Walter D. Emerson
Vermont
Orland C. Mayer
Idaho
Leo W. Ruth, Jr.
California
Donald E. Marlowe
District of Columbia
Francis R. Montgomery
Hawaii
A. E. Adami
Montana
John B. Carson
Delaware

The remainder of the applications for professional registration were reviewed by the Board member whose name appears with the applicant and the member's findings as presented to the Board for action are:

- I. It was moved by Mr. Newlin and seconded by Mr. Eyring that the following applicants having met all requirements of this Board, which shall be confirmed by a personal audience and are so held for such audience. Motion carried.

CIVIL ENGINEERING

Arrington, Ralph Marvin	67-164	Girand
Cooper, Thomas Walter	67-182	Girand
Del Giorgio, Lee Martin	67-19	Girand
Dry, Wallace C.	67-155	Dryden
Holt, Jack Leroy	67-150	Dryden
Kreuper, Harry Joseph, Jr.	67-25	Dryden
Ludlum, Charles Henry	67-162	Dryden
Macdonald, Robert George	67-172	Girand
Naillon, Jacob Duane	67-147	Girand
Steiner, Paul Frederick, Jr.	67-176	Dryden
Studebaker, Glenn Wayne	67-105	Dryden
Taylor, Thomas John	67-203	Girand
Welsh, Francis John Joseph	67-199	Girand

ELECTRICAL ENGINEERING

Abshire, Franklin Perry	67-145	Eyring
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INDUSTRIAL ENGINEERING

Jarvis, J. Pitts, Jr.	67-168	Eyring
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MECHANICAL ENGINEERING

Ayres, James Marx	67-174	Eyring
Barbanel, Sidney William	67-216	Eyring
DeGennaro, Kenneth Edwin	67-166	Eyring & Feldman
Hartzer, Delbert Roger	67-181	Eyring
Wood, Orville Tunstall	67-169	Feldman

MINING ENGINEERING

Deck, Stewart L.	67-188	Coleman
Kuck, David Laird	67-149	Coleman

PETROLEUM ENGINEERING

Johnson, Albert S.	67-161	Eyring
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STRUCTURAL ENGINEERING

Naillon, Jacob Duane	67-124	Girand
Risemberg, Leon Abraham	67-178	Coleman
Simpson, William Merlin	67-173	Dryden
Wosser, Thomas Donald	67-204	Dryden

LAND SURVEYING

Bertella, Guido Joseph	67-202	Dryden
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- II. It was moved by Dean Coleman and seconded by Mr. Vanlandingham that the following applicants having apparently met all of the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held. Motion carried.

MECHANICAL ENGINEERING
Martin, Matthew Thomas

67-208

Feldman

- III. It was moved by Dean Coleman and seconded by Mr. Eyring that the following applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency. Motion carried.

ARCHITECTURE

Hanson, Richard Charles	67-212	Committee	C, D, E, F, G, H, I
Henschied, Ronald Peter	67-156	Committee	C, D, E, F, G, H, I
Jones, Woodrow Wilson, Jr.	67-171	Committee	C, D, E, F, G, H, I
Nickels, Ernest Lee	67-110	Committee	C, D, E, F, G, H, I
Slyater, Dale W., Jr.	67-133	Committee	C, D, E, F, G, H, I
Tremoulis, John	67-209	Committee	C, D, E, F, G, H, I

CIVIL ENGINEERING

Farrer, Robert E.	67-223	Girand	Parts 1, 2, 3 and 4
Ong, Benjamin Wah	67-142	Girand	Parts 3 and 4
Payne, Edmond Garland	67-146	Girand	Parts 1, 2, 3 and 4
Woodruff, David Howard	67-210	Dryden	Parts 3 and 4

ELECTRICAL ENGINEERING

Lippuner, Nick	67-141	Eyring	Parts 1, 2, 3 and 4
Smith, Edwyn Darwyn	67-153	Eyring	Parts 3 and 4
Weiss, Raymond	67-201	Eyring	Parts 3 and 4

GEOLOGICAL ENGINEERING

Maughan, Gerald C.	67-184	Coleman	Parts 3 and 4
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HIGHWAY ENGINEERING

Lansdon, Horace Greeley, Jr.	67-183	Dryden	Parts 3 and 4
Webb, Nelden J.	67-154	Dryden	Parts 3 and 4

INDUSTRIAL ENGINEERING

Rolsclaw, Raymond H.	67-152	Coleman	Parts 3 and 4
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MECHANICAL ENGINEERING

Clayton, Orley John	67-167	Eyring	Parts 1, 2, 3 and 4
Hatch, David Jenner	67-211	Feldman & Eyring	Parts 3 and 4

STRUCTURAL ENGINEERING

Ballard, Donald Sullivan	67-143	Dryden	Parts 5 and 6
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GEOLOGY

Hand, Hiram Darby	67-102	Coleman	Parts 3 and 4
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ASSAYING

Johnson, Edwin Adam	67-187	Coleman	8-hour exam
Nelson, Robert Leroy	67-192	Eyring	8-hour exam

LAND SURVEYING

Lysons, Arthur W.	67-219	Girand	Parts 3 and 4
Pidskalny, Robert Andrew	67-159	Dryden	Parts 1, 2, 3 and 4
Willis, Mather Lloyd	67-198	Dryden	Parts 1, 2, 3 and 4

- IV. It was moved by Mr. Goodwin and seconded by Mr. Vanlandingham that the following applicants having met all requirements of this Board, including the personal audience, shall be granted registration after they have submitted a satisfactory treatise and problem. Motion carried.

Bradley, Bernard Holmes	67-179	Committee
Buffington, George Aron	67-165	Committee
Mitcham, Raymond	67-217	Committee
Murray, James Marshall, III	67-200	Committee
Nelson, Alfred J.	67-137	Committee
Rutemeyer, Eugene Frederick	67-3	Committee
Walker, Marshall Heisey	67-196	Committee

- V. It was moved by Mr. Vanlandingham and seconded by Mr. Newlin that the following applicants for professional registration are found by the Board members whose names appear with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications shall be denied with refunds as indicated. Motion carried.

Jagers, Philip Fremont	Architect	67-185	Committee	\$10.00
Judge, Jerry O.	Civil Eng.	67-170	Dryden	\$10.00
Swinford, Dee Wayne	Land Svyr.	67-180	Dryden	\$ 5.00
Wier, Michael P.	Land Svyr.	67-144	Dryden	\$ 5.00
Williams, Theodore L.	Elec. Eng.	67-175	Eyring	\$10.00

- VI. The following applicants were placed in abeyance for the reasons indicated thereafter.

Burroughs, Floyd Edward	Civil Engr.	67-138	Dryden	Held for new procedure
	Struc. Engr.	67-139		of applicants
	Land Svyr.	67-140		
Hackert, Earl P.	Land Svyr.	67-189	Dryden	Held for explanation why
	Civil Engr.	67-190		he let his Minnesota
				registration lapse
Williams, Jerry Loyd	Civil Engr.	67-177	Girand	Held for new references

- It was moved by Mr. Goodwin and seconded by Mr. Eyring that the following applicants are to be denied for failure to complete the requirements, as indicated, of the Board within a reasonable length of time. Motion carried.

Personal Audience Requirement

Almond, Alexander P.	67-40	Architect
Chance, Donald Richard	66-259	Mechanical Engineer
Klein, Donald Charles	66-313	Chemical Engineer

Written Examination Requirement

Brooks, Philip B.	66-8	Engineer-in-Training
Holmes, Timothy Landon	66-45	Engineer-in-Training
Miller, Roy C.	63-348	Civil Engineer
Myers, Teddy L.	64-18	Engineer-in-Training
Osborn, Paul G.	66-70	Engineer-in-Training

It was moved by Mr. Newlin and seconded by Mr. Goodwin that the following applicants are to be denied without prejudice at their request. Motion carried.

Gervasio, Wm. Eugene	66-296	Civil Engineer
Stippich, Glenn Robert	67-186	Architect

It was moved by Dean Coleman and seconded by Mr. Newlin that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Blair, Billy Joe	6633
Caviness, Richard Alan	6634
Cox, John Bevalere	6635
Fiakas, James Gust	6636
Grau, Fred W., Jr.	6637
Hale, Richard	6638
Kulseth, John Roger	6639
Macer, Tad P.	6640
Nelson, Donald C. G.	6641
Nelson, Wesley Gary	6642
Ost, Louis George, Jr.	6643
Rowlett, John Miles	6644
Scott, Wallie Eugene, Jr.	6645
Welles, David Frederick	6646

CHEMICAL ENGINEERING

Stevens, James Irwin	6647
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CIVIL ENGINEERING

Adam, Carl H.	6648
Allen, Frederick Ross	6649
Autrey, William Stanley	6650
Eridwell, George L.	6651
Briscoe, William Robert	6652
Celenza, Chester Nick	6653
Chilton, Mark	6654
Coburn, Dean Frederick	6655
Coulter, Forrest Harmon	6656
Davis, Gordon Emerson	6657
Derby, Newton B.	6658
Ellis, William Blair	6659
Etz, John George	6660
Farnum, Lawrence B.	6661
Hall, John W.	6662
Harper, Donald Edward	6663
Harris, Edward Dean	6664
Harrison, James Dunbar	6665

*Granted posthumously

CIVIL ENGINEERING - Cont'd

Heaton, Lowell H.	6666
Jacobson, Norman Bruce	6667
Longfellow, Henry Wadsworth	6668
Nelson, Lawrence L.	6669
Richards, Alex Astorga	6670
Rider, David N.	6671
Rogers, Arthur "Kay"	6672
Scott, Homer Bush	6673
Stahly, J. David	6674
Stewart, Norman T.	6675
Tankersley, Marion B.	6676
Whitaker, James Curtis	6677
Wyatt, Jesse R.	6678
*Morrison, Lloyd Fletcher	6717

ELECTRICAL ENGINEERING

Baudo, G. Charles	6679
Evans, James Henry	6680
Gee, Lin H.	6681
Ireland, Eugene F.	6682
Kohnen, Robert E.	6683
McDonald, Gorden Peter	6684
Stanley, Richard Holt	6685
Stevens, Abram Mackey	6686

GEOLOGICAL ENGINEERING

Waggoner, Eugene Benjamin	6687
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HIGHWAY ENGINEERING

Baker, Robert Lane	6688
Bogensberger, William Arthur	6689
Bullock, Raymond Allen	6690
Craft, James William	6691
Gomez, Angel	6692
Herrick, Donald S.	6693
Meredith, Howard L.	6694
Rice, Harold R.	6695
Thornton, Francis Edwin	6696

INDUSTRIAL ENGINEERING
Mott, Clinton Parker 6697

MECHANICAL ENGINEERING
Kushner, Harold Tobias 6698
Price, Thornton W. 6699
Schneider, Joseph 6700
Stanley, Richard Holt 6701
Steele, Ralph C. 6702

METALLURGICAL ENGINEERING
Wickham, James Forest 6703

MINING ENGINEERING
Thompson, James Victor 6704

NUCLEAR ENGINEERING
Trenholme, William Maclaren 6705

PETROLEUM ENGINEERING
Walsh, Ewell Norwood 6706

SANITARY ENGINEERING
Obr, Joseph Emil 6707

STRUCTURAL ENGINEERING
Arthachinta, Thavorn 6708
Dyer, George Owen 6709
Knowlton, Charles Franklin, Jr 6710
Leavitt, Jack Atherton 6711

LAND SURVEYING
Chilton, Mark 6712
Long, Gordon Harley 6713
Read, James O. 6714
Turner, James Albert 6715
Voss, Jimmie E. 6718
Youngstrand, Marvin Lawrence 6716

None

It was moved by Mr. Eyring and seconded by Mr. Vanlandingham that the following applicants for in-training certification having completed all of this Board's requirements be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECT-IN-TRAINING
Leckman, John Michael 69

ENGINEER-IN-TRAINING
Behr, Michael Eugene 661
Booth, Robert D. 662
Bridges, Tommy LeRoy 663
Bryant, Philip Marshall 664
Cluff, Philip Cloard 665
Copeland, Glen K. 666
Davis, Dennis Alan 667
Ek, Eric Melford 668
Fleming, Michael Andrew 688
Goetz, Robert Andrew 669
Goldman, Fred E. 670
Hall, Don Hughes 671
Helmhout, Norman Emery 672
Herrick, Hiram F. 673
Konrath, Edwin J., Jr. 674
Larson, Richard L. 675
Lasky, Marc Philip 676
McFadden, Gene Raymond 677
MacPherson, Douglas A. 678
Matthews, Larry E., Jr. 679
Powell, Jan P. 680
Priniski, George Stanley 681
Revak, Joseph 682
Strang, William John 687
Swanson, Peter Stephen 683
Tate, Shelby D. 684
Vanderplaats, Garret Niel 685
Wilson, James Grant 686

UNFINISHED BUSINESS

NEW BUSINESS

It was moved by Mr. Goodwin and seconded by Dean Coleman that the architectural committee meet with applicants in written examinations needing counseling on unsuccessful portions on October 26, 1967, and that the architectural committee meet November 16th and 17th for personal audiences and consideration of new applicants. Motion carried.

The Chairman directed that the Executive Secretary to establish dates for engineering members of the Board to meet for personal audiences and consideration of new applicants, agreeable to said members.

The Board accepted from the Executive Secretary tabulation of bids for preparation of the Forty-Sixth Annual Report. Discussion followed this report concerning the increased cost of its preparation.

It was moved by Dean Coleman and seconded by Mr. Eyring that the Board secure from the Attorney General's Office an opinion as to whether or not this Board could award contracts on bids which exceed the line item previously established in the budget, but not exceeding the group appropriation. Motion carried.

It was moved by Mr. Goodwin and seconded by Dean Coleman that the low bid of Sims Printing Company be accepted and the contract awarded to them subject to a favorable opinion from the Attorney General on the previous motion. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Goodwin that the new Chairman, in appointing the Legislative Committee, charge them with giving prime importance to the items previously reported under the Report of the Legislative Committee regarding possible changes to the Technical Registration Act. Motion carried.

It was moved by Mr. Eyring and seconded by Mr. Newlin that the next meeting of the Board be scheduled for Thursday, December 7th, and Friday, December 8th, with the first order of business being the formal hearing on Duncan E. Britt, registered Civil Engineer, No. 4834. Motion carried.

Chairman Girand requested from the members of the Board any additional discussion or new business. The members indicated that there was none. Mr. Vanlandingham, the incoming Chairman of the Board, presented to Mr. Girand a gavel-plaque, inscribed with the dates of his service as Chairman to the Board, and expressed on behalf of the other members of the Board, heartfelt thanks for the direction given during his term of office.

ADJOURNMENT

There being no further business Chairman Girand adjourned the meeting at 12:15 P.M. and surrendered the gavel and chair to Mr. Vanlandingham.



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
December 7 - 8, 1967

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in the Auditorium of the Guaranty Bank Building, Phoenix, Arizona, at 9:00 A.M., December 7, 1967.

ABSENT

PRESENT

M. L. Vanlandingham, Chairman
N. R. Feldman, Vice-Chairman
Carl T. Eyring, Secretary
Howard S. Coleman
C. W. Dryden
John Girand
Kemper Goodwin
Charles W. Newlin
Joseph E. Clifford, III, Asst. Atty. Gen.

It was moved by Mr. Feldman and seconded by Dr. Newlin that the minutes of the meeting of the Board on September 28 and 29, 1967, be approved as presented. Motion carried.

Mr. Frank Middleton, on invitation of Mr. Eyring, appeared at 9:00 A.M., December 7, 1967, before the Board, and discussed with them coverage carried by the State of Arizona and the Board office for liability, property damage and State property in the custody and control of the Board. Mr. Middleton assured the Board that the State carried proper coverage for all forms of liability to which they may be exposed as members.

FORMAL HEARING

Chairman Vanlandingham announced at 10:00 A.M. that it was the time and place for the formal hearing, Complaint No. 67002 in the matter of the Technical Registration Board versus Duncan E. Britt, a registered engineer. Mr. Britt was present and represented by counsel, Robert W. Pickrell, and the Board was represented by the Assistant Attorney General, Joseph E. Clifford, III. It was determined that all witnesses subpoenaed for this hearing were present and the following were sworn: Richard Bartholomew, Joe Berume, W. T. Hamlyn, Joe Nemecek and Braxton Whitaker. Court reporter for this hearing was John Brabec.

Being advised by counsel that the respondent and Board were ready to proceed, the Chairman of the Board directed that the witnesses leave the room and the respondent begin their opening statement. At the conclusion of the formal hearing, after all evidence and statements had been presented, the Chairman advised the respondent the matter would be taken under advisement by the Board, and recessed the Board for lunch.

At the re-opening of the meeting, after noon recess, Complaint No. 67002 was discussed by the Board and it was moved by Dr. Newlin and seconded by Mr. Goodwin that the Board find Mr. Duncan E. Britt, a registered engineer, guilty as charged under Complaint No. 67002, paragraph V. Eight members voting, eight ayes and zero naves. Motion carried.

It was moved by Dean Coleman and seconded by Mr. Eyring that the Board find Mr. Duncan E. Britt, a registered engineer, not guilty of paragraph VI of Complaint No. 67002. Eight members voting, eight ayes and zero naves. Motion carried.

It was moved by Mr. Goodwin and seconded by Dr. Newlin that having found Mr. Duncan E. Britt guilty under the charge of the Complaint No. 67002, his certificate of registration, No. 4834, issued March 22, 1961, be revoked. Eight members voting, eight ayes and zero naves. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

There were no meetings and no report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Goodwin reported that the Ad Hoc Committee was still meeting to determine all of the facts regarding any possible revision to the Technical Registration Act and when a report was finalized, it would be circulated to the Board. Mr. Goodwin further reported on the opinion, Minute Pages 2145, 2146 and 2147, from the Attorney General regarding seals on Assayer reports, incorporation of the creed into the Rules, and incorporation of the Code of Ethics into the Rules, and suggested that those items which could be implemented be so done. It was moved by Mr. Goodwin and seconded by Dean Coleman that the report be accepted. Motion carried. It was moved by Dr. Newlin and seconded by Mr. Feldman that the Attorney General's opinion regarding ARS 32-125.B and Rule IV(2) be circulated to all Assayers registered by the Board. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Dryden reported on the possibility of the manufacturer's association presenting a change to the Technical Registration Act because the Board does not interpret the present Law as do the association's attorneys. The Chairman directed that Mr. Eyring initiate an investigation with two other members of the Board to determine the manufacturer's association interest in and opposition to the present Statutes.

Mr. Goodwin reported on other items of interest regarding the Technical Registration Act and suggested their adoption by the Board. It was moved by Dean Coleman and seconded by Mr. Girand that Mr. Goodwin's report be tabled. Motion carried with Mr. Goodwin recorded as opposing.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

It was moved by Mr. Feldman and seconded by Dr. Newlin that the following report of the Engineering Evaluation Committee of November 9th and 10th in Phoenix, be accepted and implemented by the Board. Motion carried.

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

October 17, 1967

Mr. Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
Suite 408, Guaranty Bank Building
3550 North Central Avenue
Phoenix, Arizona 85012

Dear Mr. Edelblut:

In accordance with your letter of October 11, 1967, I have approved the enclosed authorization and release form with the amendments indicated.

In a separate letter, also dated October 11, 1967, you asked, "Are Assayers, registered by this Board, bound by the Statute and Rules regarding assaying reports released by them?".

A.R.S. §32-125(B) states that:

"Plans, specifications, plats or reports prepared by a registrant or his bona fide employee, shall be issued under his seal." (Emphasis Supplied.)

Similarly, Rule IV(2) requires that:

"An imprint of the registrant's valid seal shall appear . . . on the cover and index page of each set of specifications and/or reports or other professional documents prepared by a registrant or his bona fide employee."

Mr. Walter J. Edelblut, Jr.
October 17, 1967
Page Two

It is clear from the use of the word "reports" in both the statute and the rule that reports prepared by registered assayers are subject to the provisions of A.R.S. §32-125(B) and Rule IV(2) and, therefore, such reports must be issued under the seal of the registered assayer responsible for their preparation.

In a third letter dated October 11, 1967, you inquired whether or not the Board may incorporate the present code of ethics into its rules. It is the opinion of this office that, aside from the question of the Board's exceeding its statutory authority by doing so, the wording of certain parts of the present code of ethics is too broad and indefinite to warrant transforming the code into rules. Specifically, in the code of ethics, the use of the word "anyone" in paragraph number two, the use of the word "unethical" in paragraph four, all of paragraph six and the clause "in any other manner derogatory to the dignity of the profession" in paragraph seven would very likely fail a challenge of their validity if adopted as rules.

It is the further opinion of this office that there is no statutory authority for the incorporation of the proposed creed into the rules. A.R.S. §32-106(A)(1) states that:

"The board shall adopt by-laws and rules for the conduct of its meetings and performance of duties imposed upon it by law."

A.R.S. §32-106(A)(8) states that:

"The board shall do other things necessary to carry out the purposes of this chapter."
(Emphasis Supplied.)

The statute, then, authorizes rule-making, other than that pertaining to the conduct of meetings, only for the performance of legal duties and related necessities. Because the Board is under no duty to adopt the creed as part of

RECEIVED
OCT 17 1967
STATE OF ARIZONA

Mr. Walter J. Edelblut, Jr.
October 17, 1967
page Three

02147

its rules, and because such a creed is not necessary to carry out the purposes of the Technical Registration Act, it does not appear that there is statutory authority for the enactment of such a creed into a rule.

I hope this information will be helpful to you. Please do not hesitate to call upon us if we may assist you further in any way.

Sincerely,

DARRELL F. SMITH
The Attorney General

Anthony H. Mason
ANTHONY H. MASON
Assistant Attorney General

AHM:md

encl. Copy of Proposed Authorization
and Release

RECEIVED
OCT 13 1967
STATE OF NEW YORK

DATE: November 17, 1967

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on November 9th and 10th in Phoenix, Arizona, with the following members present and absent:

<u>PRESENT</u>	<u>ABSENT</u>
Howard S. Coleman	C. W. Dryden
Carl T. Eyring	
N. R. Feldman	
John Girand	
Charles W. Newlin	

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

<u>CIVIL ENGINEERING</u>		<u>STRUCTURAL ENGINEERING</u>	
Burroughs, Floyd Edward	67-138	Martin, John Alfred	67-191
Campbell, Gerald E.	67-238		
Ditsworth, Sterling C.	67-234	<u>GEOLOGY</u>	
Evensen, Wendell E.	67-239	Bell, Robert Alan	67-158
Hendricks, Reinhold M.	67-249		
Holt, Jack Leroy	67-150	<u>LAND SURVEYING</u>	
Tenney, William Paul	67-163	Burroughs, Floyd Edward	67-140
		Davidson, James Fleming, Jr.	67-256
<u>ELECTRICAL ENGINEERING</u>		Holt, Jack Leroy	67-151
Weber, Edmund J.	67-243	Kurlander, John A.	67-237
<u>MECHANICAL ENGINEERING</u>			
Martin, Matthew Thomas	67-207		
Wedemeyer, James Burdette	67-218		

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1967, written examinations:

<u>CIVIL ENGINEERING</u>		
deJong, Remy L. A.	67-241	Parts 3 and 4
Mcroczkiewicz, Lucien J.	67-213	Parts 3 and 4
Sheldon, William Paul	67-274	Parts 3 and 4
Willow, James Hayes	67-226	Parts 3 and 4
<u>ELECTRICAL ENGINEERING</u>		
Jones, Robert Raymond	67-279	Parts 3 and 4
Schwalb, Arnold Larry	67-205	Parts 3 and 4
<u>MECHANICAL ENGINEERING</u>		
Sullivan, Louis C.	67-233	Parts 3 and 4
<u>LAND SURVEYING</u>		
McLain, Gordon Wallace	67-157	Parts 1, 2, 3 and 4

Applicants held for the April, 1968, written examinations:

<u>CHEMICAL ENGINEERING</u>		
Allard, Peter Frederick	67-263	Parts 1, 2, 3 and 4
Schell, Norman E.	67-220	Part 4
<u>CIVIL ENGINEERING</u>		
Rikard, Kenneth Ray	67-255	Parts 3 and 4
Vezzetti, Michael J.	67-257	Parts 3 and 4
Wright, Robert Bruce	67-229	Parts 1, 2, 3 and 4
<u>HIGHWAY ENGINEERING</u>		
Key, Orin William	67-222	Parts 1, 2, 3 and 4
<u>MECHANICAL ENGINEERING</u>		
DePalma, James R.	67-228	Parts 3 and 4
<u>METALLURGICAL ENGINEERING</u>		
Komadina, George Anthony	67-160	Parts 3 and 4
<u>STRUCTURAL ENGINEERING</u>		
Burroughs, Floyd Edward	67-139	Parts 5 and 6

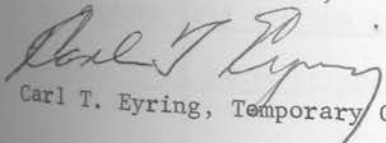
III. Mr. Matthew Thomas Martin, 67-207, Mechanical Engineer, having been held for a comprehensive oral examination and personal audience at the September meeting of the Board appeared and satisfactorily demonstrated to the Committee that he should be granted professional registration and is hereby so recommended.

IV. Mr. William H. Lloyd, 67-225, appeared before the Committee, and the evaluation of his Civil Engineering application determined that he should be denied for lack of experience of a character satisfactory to the Board and at least two more years of additional experience would be required.

- V. Mr. Armando Bustamante Rico, 67-194, was not requested to appear as an evaluation of his application for registration as a Land Surveyor indicates that the individual should be denied for lack of experience of a character satisfactory to the Board and the Committee determined that at least three years of additional experience would be required.
- VI. The following applicants were not requested to appear before the Committee but the re-evaluation of their applications by this Committee indicates that the Board should take the following action:
- a. Mr. Jerry O. Judge, 67-170, requested reconsideration of the denial of his Civil Engineering application at the September, 1967, Board meeting, and the Committee recommends the Board re-affirm its previous action.
 - b. Mr. Larry Lee Schick, 67-121, requested reconsideration of his Electrical Engineering application. At the September, 1967, Board meeting he was held for Parts 1, 2, 3 and 4 of the written examination since he did not indicate on his application E.I.T. certification in Kansas. Correspondence with Kansas verified his E.I.T. by an 8-hour written examination, and the Committee recommends that the written examination requirement for professional registration be Parts 3 and 4.
 - c. Mr. Theodore L. Williams, 67-175, requested reconsideration of his Electrical Engineering application which was denied at the September, 1967, Board meeting for insufficient experience. Mr. Williams' employer, General Atronics Corporation verified that he had 52 months of engineering experience with them. The Committee recommends that after a satisfactory personal audience, scheduled for December 6th, he be granted professional registration.
 - d. Mr. David B. Griffith, 67-20, requested reconsideration of his Highway Engineering application which, at the March, 1967, Board meeting, he was held for Parts 3 and 4 of the written examination. The Committee recommends that the requirements established in March, 1967, be re-affirmed.

The Committee recommends to the Board that recommendations I through VI of this report be accepted and implemented.

Respectfully submitted,


Carl T. Eyring, Temporary Chairman

It was moved by Dr. Newlin and seconded by Dean Coleman that the following report of the Engineering Evaluation Committee of December 6th be accepted and implemented by the Board. Motion carried.

DATE: December 7, 1967

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on December 6, 1967, in Phoenix, Arizona, with the following members present and absent:

PRESENT

Howard S. Coleman
 Carl T. Eyring
 N. R. Feldman
 John Girand
 Charles W. Newlin

ABSENT

C. W. Dryden

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

CIVIL ENGINEERING

Adams, Mack Neel 67-271
 Gilpin, Charles E. 67-283
 Hackert, Earl P. 67-271
 Stuebaker, Glenn Wayne 67-105

MECHANICAL ENGINEERING

Elder, Lawrence Lloyd 67-282

LAND SURVEYING

Hackert, Earl P. 67-189

ELECTRICAL ENGINEERING

Williams, Theodore L. 67-175

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the April, 1968, written examinations:

AGRICULTURAL ENGINEERING

Rice, Robert Cecil 67-280 Parts 3 and 4

CIVIL ENGINEERING

Hall, Edward Masser 67-261 Parts 3 and 4

Williams, Jerry Loyd 67-177 Parts 3 and 4

<u>ELECTRICAL ENGINEERING</u> Buchanan, Robert Neal	67-275	Parts 1, 2, 3 and 4
<u>MECHANICAL ENGINEERING</u> Buchanan, Robert Neal	67-276	Parts 1, 2, 3 and 4
<u>STRUCTURAL ENGINEERING</u> Cole, Theodore Dow	67-206	Parts 3, 4, 5* and 6
<u>GEOLOGY</u> Jones, Everett Earl	67-250	Parts 3 and 4

*Previously passed under architectural application and given credit for Structural Design, Examination G.

- III. Mr. Robert John Bitterli, 67-259, should be denied for lack of experience of a character satisfactory to the Board and the Committee determined that at least four years of additional highway engineering experience would be required.

The Committee recommends to the Board that recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin, Temporary Chairman

At the request of Mr. Girand regarding the above Committee report of December 6th and motion were discussed further as regarding Applicant No. 67-261, Edward Masser Hall. It was moved by Mr. Girand and seconded by Dean Coleman that the Engineering Evaluation Committee report of December 6th be amended and that Edward Masser Hall be granted registration based upon a satisfactory personal audience and having fully satisfied the Board that he was fully qualified to practice the profession for which registration was requested and had shown outstanding eminence in his field. Motion carried.

Mr. Girand reported to the Board a leak in the current engineering examinations which was determined prior to the examination date, December 2nd, and the examinations satisfactorily re-written. Mr. Girand suggested to the Board that action be taken to protect the security of future examinations. The Chairman directed Mr. Girand be appointed security supervisor and evaluate and correct any leak of security which may cause an examination to be prematurely secured by applicants.

It was moved by Mr. Dryden and seconded by Mr. Eyring that the following dates, Minute Page 2153, be established for the Spring Engineering Examinations and all interested parties so notified. Motion carried.

I. SATURDAY, APRIL 27, 1968

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the New Engineering Center at Arizona State University.

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building, University of Arizona.

8:00 A.M. to 12:00 Noon

All professional engineering applicants held for Part I, Basic Sciences.

All professional geology applicants held for Part I, Basic Geology.

All land surveying applicants held for Part I, Surveying Techniques.

All assaying applicants held for Part I, Assaying Examination.

All Engineer-in-Training and Geologist-in-Training applicants held for Part I, Basic Sciences, or Part I, Basic Geology, subsections of the in-training exam.

1:00 P.M. to 5:00 P.M.

All professional engineering applicants held for Part II, Engineering Sciences.

All professional geology applicants held for Part II, Basic Geology.

All land surveying applicants held for Part II, Computations.

All assaying applicants held for Part II, Assaying Examination.

All Engineer-in-Training and Geologist-in-Training applicants held for Part II, Engineering Sciences or Part II, Basic Geology, subsection of the in-training exam.

II. SUNDAY, APRIL 28, 1968

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the New Engineering Center at Arizona State University.

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building, University of Arizona.

8:00 A.M. to 12:00 Noon

Part III - Engineering Analysis - all branches of engineering

Part III - Applied geology

Part III - Land Surveying Rules and Regulations

1:00 P.M. to 5:00 P.M.

Part IV - Engineering Design - all branches of engineering

Part IV - Geological Problems

Part IV - Land Surveying Legal Principals

III. MONDAY, APRIL 29, 1968

PHOENIX, ARIZONA (only) - Report to the Auditorium, Second Floor, Guaranty Bank Building, 3550 N. Central Avenue

8:00 A.M. to 12:00 Noon - Part V - Structural Engrs. - Comprehensive Engrg. Design

1:00 P.M. to 5:00 P.M. - Part VI - Structural Engrs. - Structural Engrg. Design

DATE: November 20, 1967

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on November 16th in Phoenix, Arizona, with the following members present:

PRESENT
 Kemper Goodwin
 M. L. Vanlandingham

ABSENT
 None

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified, including the treatise on lateral forces, to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

ARCHITECTURE

Burman, Robert James	67-232
Cyaioni, Christopher	67-242
Fischer, Herbert Max	67-294
Gabrielson, Alvin Adams	67-236
Goertz, Donald Dean	67-197
Kameon, Herbert R.	67-224
Schoenfeld, William Maret	67-272
Silva, Jose Manuel	67-231
Spangler, Robert Charles	67-253

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

ARCHITECTURE

Roth, Howard Kellogg	67-278	C, D, E, F, G, H, I
Smith, Donald Eugene	67-230	D, E, F, H
Wilhelm, George R.	67-244	C, D, E, F, G, H, I
Winslow, Paul David	67-208	D, E, F, H
Wooldridge, Donn	67-254	D, E, F, H

III. The following applicants having appeared before the Committee and met all other requirements of this Board, shall be granted registration after they have submitted a satisfactory treatise and problem:

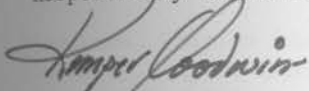
Nesmith, Benjamin Rea	67-60
Short, George Washington	67-227

IV. The following applicants who were previously held for the treatise on lateral forces and said treatise having been found satisfactory are recommended that they be granted registration:

Baxter, Cyrus L.	65-306
Bradley, Bernard Holmes	67-179
Buffington, George Aron	67-165
Freedlund, Lawrence H.	60-14
Mitcham, Raymond	67-217
Nelson, Alfred J.	67-137
Rutemeyer, Eugene Frederick	67-3
Seaboch, Donovan Lee	64-342
Swaback, Vernon Dale	67-180
Walker, Marshall Heisey	67-196

The Committee recommends to the Board that recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,



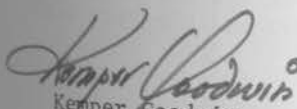
Kemper Goodwin
Temporary Chairman

Supplemental to the above report

The following applicant has appeared before the Committee on November 27, 1967, and satisfied the Committee that he is fully qualified, including the treatise on lateral forces, to receive registration in Arizona under ARS 32-123.A and ARS 32-126, is hereby recommended for registration:

ARCHITECTURE

Caudill, William Wayne	67-114
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Kemper Goodwin
Temporary Chairman

It was moved by Mr. Goodwin and seconded by Dr. Newlin that the above report of the Architectural Evaluation Committee meeting of November 16th and 27th be accepted and implemented by the Board. Motion carried.

Mr. Goodwin reported to the Board on the Committee's future efforts to counsel applicants on Examinations D and E immediately following the examination and that a proposed informal meeting would be held with the interested candidates.

It was moved by Mr. Dryden and seconded by Dean Coleman that the following applicants are to be denied for failure to complete the requirements, as indicated, of the Board within a reasonable length of time. Motion carried.

Personal Audience Requirement

Spitzer, Harry Jack	67-90	Structural Engineer
Wing, Wayman C.	67-39	Structural Engineer

Written Examination Requirement

Bittner, Herbert Leonard, Sr.	66-166	Industrial Engineer
Drummond, John Joseph	66-47	Mechanical Engineer
Little, William M.	67-15	Engineer-in-Training
Roll, Eugene Bernard	66-121	Mechanical Engineer

It was moved by Mr. Dryden and seconded by Dr. Newlin that the following applicants are to be denied without prejudice and refund at their request. Motion carried.

Biederman, Charles Lester	67-252	Architect
Dougherty, Walter Edwin	67-17	Electrical Engineer
Flye, William Delano	66-262	Civil Engineer
Griffith, David B.	67-20	Highway Engineer
Langland, Leo Lee	64-2	Geologist-in-Training
Norell, Jacques John	66-287	Civil Engineer
Obata, Guy	67-214	Architect
Roberts, George Powers	67-130	Electrical Engineer
Selby, Herbert Raymond, Jr.	66-221	Electrical Engineer
Tebault, Robert Ernest	67-51	Structural Engineer
Wagner, Frank L.	67-77	Structural Engineer
Whitby, Eugene Roland	67-128	Electrical Engineer
Edgar, Harry W.	67-97	Mechanical Engineer

It was moved by Mr. Goodwin and seconded by Mr. Dryden that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Baxter, Cyrus L.	6719
Bradley, Bernard Holmes	6720
Buffington, George Aron	6721
Burman, Robert James	6722
Caudill, William Wayne	6792
Cyaioni, Christopher	6723
Eckhoff, Arnold W.	6724
Fischer, Herbert Max	6725
Freedlund, Lawrence H.	6726
Gabrielson, Alvin Adams	6727
Goertz, Donald Dean	6728
Kameon, Herbert R.	6729
Mitcham, Raymond	6730
Nelson, Alfred J.	6731
Rutemeyer, Eugene Frederick	6732
Schoenfeld, William Maret	6733
Seaboch, Donovan Lee	6734
Silva, Jose Manuel	6735
Spangler, Robert Charles	6736
Swaback, Vernon Dale	6737
Walker, Marshall Heisey	6738

CIVIL ENGINEERING

Adams, Mack Neel	6739
Arrington, Ralph Marvin	6740
Burroughs, Floyd Edward	6741
Campbell, Gerald E.	6742
Cooper, Thomas Walter	6743
Del Giorgio, Lee Martin	6744
Ditsworth, Sterling C.	6745
Dry, Wallace C.	6746
Evensen, Wendell E.	6747
Gilpin, Charles E.	6748
Hackert, Earl P.	6749
Hall, Edward Masser	6793
Hendricks, Reinhold Merton	6750
Hiestand, Jacob Richard	6751
Holt, Jack Leroy	6752
Kreuper, Harry Joseph, Jr.	6753
Ludlum, Charles Henry	6754
Macdonald, Robert George	6755
Naillon, Jacob Duane	6756
Nelson, LaVern Carrol	6757
Steiner, Paul Frederick, Jr.	6758
Studebaker, Glenn Wayne	6759
Taylor, Thomas John	6760
Tenney, William Paul	6761
Welsh, Francis John Joseph	6762

ELECTRICAL ENGINEERING

Abshire, Franklin Perry	6763
Weber, Edmund J.	6764
Williams, Theodore L.	6765

INDUSTRIAL ENGINEERING

Jarvis, J. Pitts, Jr.	6766
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MECHANICAL ENGINEERING

Ayres, James Marx	6767
Barbanel, Sidney William	6768
DeGennaro, Kenneth Edwin	6769
Elder, Lawrence Lloyd	6770
Hartzer, Delbert Roger	6771
Martin, Matthew Thomas	6772
Wedemeyer, James Burdette	6773
Wood, Orville Tunstall	6774

MINING ENGINEERING

Deck, Stewart L.	6775
Kuck, David Laird	6776

PETROLEUM ENGINEERING

Johnson, Albert S.	6777
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STRUCTURAL ENGINEERING

Dominguez, Renan G.	6778
Martin, John Alfred	6779
Naillon, Jacob Duane	6780
Risemberg, Leon Abraham	6781
Simpson, William Merlin	6782
Wosser, Thomas Donald	6783

ASSAYING

Richard, Harold Edward	6784
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GEOLOGY

Bell, Robert Alan	6785
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LAND SURVEYING

Bertella, Guido Joseph	6786
Burroughs, Floyd Edward	6787
Davidson, James Fleming, Jr.	6788
Hackert, Earl P.	6789
Holt, Jaci Leroy	6790
Kurlander, John A.	6791

ENGINEER-IN-TRAINING

Davis, Wilford Ervin	689
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REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Frank Middleton having appeared earlier, there was no further discussion under this section.

REPORT OF THE BUDGET COMMITTEE

Opinion from the Attorney General regarding the Annual Report bid which exceeded the line item estimated, Minute Pages 2159 and 2160, was presented to the Board.

Mr. Feldman reported that there was no real activity of this Committee at the present time in that we are awaiting what recommendations will come from the powers that be on the budget previously submitted. It was further reported that the Executive Secretary would file a request for a supplemental budget increase for this present year with the appropriate legislative authorities. It was moved by Mr. Girand and seconded by Dean Coleman that the report be accepted. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #1

Mr. Dryden reported on the meeting of Grievance Committee #1 held December 8, 1967, and John Brabec, Court Reporter, making a transcript at which Mr. James B. Ellers, registrant, appeared. The Committee directed that Mr. Ellers should, within thirty days, correct his misunderstanding of the Technical Registration Act and appoint an officer, as required by ARS 32-141, and employ such other registered mechanical and electrical engineers as required.

Mr. Dryden further reported that the item labelled #1-67-10-13, Tim Hopps, be tabled as a request was made for information only.

It was further reported that the item labelled #1-67-10-12, Winslow West, be tabled as it was matter requiring supplying information only to the City of Winslow officials.

It was also reported on #1-67-10-11, Lane and Swensom, and #1-67-07-10, submitted by Herb Shipley, be investigated further. It was moved by Mr. Dryden and seconded by Dean Coleman that the report be accepted and investigation continued subject to available funds. Motion carried. Mr. Goodwin reported that he would on his next trip to Mohave County investigate #1-67-07-10, and Mr. Vanlandingham indicated he would do the same in Yuma on #1-67-10-11.

REPORT OF GRIEVANCE COMMITTEE #2

Grievance Committee #2 has no complaints not disposed of and has no report.

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

October 16, 1967

Walter J. Edelblut, Jr.
Executive Secretary
STATE BOARD OF TECHNICAL REGISTRATION
Suite 408, Guaranty Bank Building
3550 N. Central Avenue
Phoenix, Arizona 85012

Dear Mr. Edelblut:

This is in response to your letter of October 10, 1967,
requesting advice on the following question:

"Can this Board legally award contracts on bids
received which exceed the line item estimated
but does not exceed the group appropriation
(shown on the budget submitted to the Director
of Finance in September, 1967)?"

So long as you do not exceed the line item in the General
Appropriations Act (Laws 1967, chp. 134) for "Other
Current Expenditures", your Board is not prohibited from
making the proposed expenditure, as outlined in your
letter. (A.R.S. §35-173)

As we discussed by phone, this expenditure must, of
course, be handled in such a way that you do not exceed
your quarterly allotment for "Other Current Expenditures",
(A.R.S. §35-173) and, naturally the Board may have to

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STATE DEPT

Walter J. Edelblut, Jr.
October 16, 1967

Page Two

reduce other anticipated expenditures within the line item for "Other Current Expenditures" in order to keep the total current expenditures for the fiscal year within the amount appropriated.

Very truly yours,

DARRELL F. SMITH
The Attorney General



CHARLES S. PIERSON
Assistant Attorney General

CSP:cl

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REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

Mr. Feldman submitted for the Special Office Procedures Committee the following report:

December 7, 1967 - Office Procedures Committee

We have had an opportunity this past month of spending time in the office and being briefed on our complete office routine.

The Staff has graciously provided us with typed outlines of procedures as follows:

- A. Application and follow through for training programs.
- B. Application and follow through for professional registration.
- C. Application and follow through for temporary registration.
- D. Preparation of matters for State Board determinations.
- E. Cash flow and disbursements.
- F. Office manager - bookkeeper processes.

Gentlemen, we are fortunate in having so capable a staff - keeping the work load moving as expeditiously and as efficient as observed.

Discussion was held as to:

- 1. Having more office space.
- 2. A more appealing looking front entrance.
- 3. Improved filing cabinets.
- 4. Electric stapler.
- 5. Change registrant cards over to larger ones so that name, address, category appear on top line, other pertinent information below. STILL IN DISCUSSION STAGE.

Respectfully submitted,

N. R. Feldman
C. W. Dryden
Carl T. Eyring

It was moved by Mr. Feldman and seconded by Mr. Dryden that the above report be accepted and implemented. Motion carried.

REPORT OF THE EXECUTIVE SECRETARY

The Executive Secretary presented Cash Flow Report #2, shown as Minute Page 2163.

The Executive Secretary presented for discussion whether or not service stations were architectural or engineering in regard to design requirements. It was moved by Mr. Goodwin and seconded by Mr. Dryden that this matter be referred to the Rules and By-Laws Committee. Motion carried.

The Executive Secretary made a request of the Board that they have the Rules and By-Laws Committee discuss the possibility of charging a fee to cover the cost of the evaluating of the treatises on lateral forces. It was moved by Dr. Newlin and seconded by Mr. Dryden that this be referred to the Rules and By-Laws Committee for discussion and possible implementation. Motion carried.

The Executive Secretary further reported on a request of Mr. Grove Garrison, Civil Engineer, No. 6562, to place his professional card in the telephone book in the yellow pages under Irrigation-Engineer. It was moved by Dr. Newlin and seconded by Mr. Girand that the Board could find no objection as to this man, a Civil Engineer, so listing himself. Motion carried.

The Executive Secretary reported to the Board of a request for interpretation on Engineering Science registration. It was moved by Mr. Dryden and seconded by Dean Coleman that explanations of the Board's selections of proficiencies need not be amplified. Motion carried.

READING OF COMMUNICATIONS

A letter from Mrs. J. R. Brown was read requesting the Board's recommendation of Mr. Robert B. Rice of the South Carolina Engineering Board, for the National Council of Engineering Examiners award. It was moved by Mr. Girand and seconded by Mr. Dryden that since the Board had previously decided to endorse no candidate, no action on this request be taken. Motion carried.

UNFINISHED BUSINESS

It was moved by Mr. Goodwin and seconded by Dean Coleman that the Board's recommendation on Minute Page 2112 of the September, 1967, meeting, holding Alex J. Rolle, Civil Engineer, No. 2030, for a formal hearing, be tabled. Motion carried.

Chairman Vanlandingham announced his revised list of Committee appointments, as per Minute Page 2164.

NEW BUSINESS

It was moved by Mr. Dryden and seconded by Dean Coleman that the architectural members of the Board select those persons to attend the Western Conference of State Architectural Registration Boards' meeting in Seattle, Washington, February 15 - 17, 1968. Motion carried.

CASH FLOW REPORT - QUARTERLY

REPORT OF

Date: December 1, 1967

Balance on Deposit as of July 1, 1967 - \$16,413.68

Appropriated Receipts this Quarter - \$19,513.98

Total Deposits to Date - \$23,274.95

Total Appropriated Receipts to Date - \$20,947.45

Unencumbered Balance as of this Report Date - \$20,091.53

Line Items	Appropriated Annually	Appropriated Quarterly	Appropriated To Date	Amount Spent 2nd Qtr.	Balance for Quarter	Amount Spent To Date	Balance for Year
Personal Services	\$22,600.00	\$5,650.00	\$11,300.00	\$3,765.67	\$1,883.36 (\$1,883.36)	\$9,416.64	\$13,183.36
Current Expenditures - Other	\$12,200.00	\$3,050.00	\$ 6,100.00	\$1,405.36	\$1,644.64 (\$2,753.03)	\$3,346.97	\$ 8,853.03
Travel = State	\$ 2,300.00	\$ 575.00	\$ 1,150.00	\$ 372.70	\$ 202.30 (\$ 605.30)	\$ 544.70	\$ 1,755.30
Travel = Out of State	\$ 2,200.00			- 0 -		\$ 951.76	\$ 1,248.24
Capital Outlay - Equipment	\$ 650.00			- 0 -		- 0 -	\$ 650.00
Current Fixed Charges	\$ 6,335.00			\$ 796.28		\$2,111.76	\$ 4,223.24
Professional Services	\$ 1,000.00	\$ 250.00	\$ 500.00	\$ 50.00	\$ 200.00 (\$ 200.75)	\$ 299.25	\$ 700.75
Refunds	\$ 200.00			\$ 47.25		\$ 92.25	\$ 107.75
TOTALS	\$47,485.00			\$6,437.26		\$16,763.33	\$30,721.67

02163

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

COMMITTEE APPOINTMENTS

1967-1968

Executive Committee:	Entire Board
By-Laws & Rules Committee:	Kemper Goodwin, Chairman C. W. Dryden John Girand Charles W. Newlin
Legislative Committee: *	Kemper Goodwin, Chairman C. W. Dryden John Girand Charles W. Newlin
Public Information Committee:	Entire Board
NCARB Committee:	Kemper Goodwin
NCEE Committee:	Charles W. Newlin, Chairman Carl T. Eyring
Budget Committee:	N. R. Feldman, Chairman Kemper Goodwin John Girand
Grievance Committee #1:	C. W. Dryden, Chairman Carl T. Eyring John Girand Kemper Goodwin Charles W. Newlin
Grievance Committee #2:	Howard S. Coleman, Chairman N. R. Feldman
Special Office Procedures Committee:	N. R. Feldman, Chairman C. W. Dryden Carl T. Eyring
Evaluation & Examination Committee	
Architects:	Kemper Goodwin
Engineers:	Howard S. Coleman C. W. Dryden Carl T. Eyring N. R. Feldman John Girand Charles W. Newlin

*This committee also serves as the Ad Hoc Committee in meetings with the Arizona Society of Professional Engineers.

It was moved by Mr. Goodwin and seconded by Dr. Newlin that the Architectural Evaluation Committee meet prior to the regular meeting of the Board on March 7th and 8th in Phoenix. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Feldman that the Executive Secretary circularize all of the engineer members of the Board and establish the suitable date for the Engineering Evaluation Committee prior to the next regular Board meeting to be held in Phoenix. Motion carried.

It was moved by Mr. Goodwin and seconded by Dean Coleman that the next regular meeting of the Board be held in Tucson, Arizona, on March 21st and 22nd at a location selected by the Tucson Board members. Motion carried.

ADJOURNMENT

There being no further business Chairman Vanlandingham adjourned the meeting at 1:00 P.M.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
February 1, 1968

A special meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in the office of the Board, at 11:00 A.M., February 1, 1968.

PRESENT

M. L. Vanlandingham, Chairman
N. R. Feldman, Vice-Chairman
Carl T. Eyring, Secretary
Howard S. Coleman
John Girand
Kemper Goodwin
Charles W. Newlin

ABSENT

C. W. Dryden
Lew Place

The Chairman turned the meeting over to Mr. N. R. Feldman, Chairman of the Budget Committee, for discussion of the presentation to be made by the Budget Committee that date to the House and Senate Appropriations Committees of the 28th Legislature.

At the conclusion of the discussion on the Budget Committee, it was resolved that the Chairman, Mr. Goodwin, Mr. Feldman, the Executive Secretary and Mr. Dryden, if available, should represent the Board before these groups.

It was moved by Mr. Goodwin and seconded by Dean Coleman that the architectural grades for the December, 1967, examinations be released to the candidates as passed or failed. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Goodwin engineering grades for the December, 1967, examinations, as passed or failed, be released to the candidates with the exception of land surveying which must be reviewed by Mr. Dryden prior to their release. Motion carried.

The meeting adjourned at 1:00 P.M.



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
March 21, 1968

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, at the Executive Inn, Tucson, Arizona, at 9:00 A.M., March 21, 1968.

ABSENT

PRESENT

M. L. Vanlandingham, Chairman
R. R. Feldman, Vice-Chairman
Carl T. Eyring, Secretary
C. W. Dryden
John Girand
Kemper Goodwin
David J. Hall
Charles W. Newlin
Lew Place
Joseph E. Clifford, III, Asst. Atty. Gen.

Chairman Vanlandingham welcomed the new members Lew Place, Architect, and Dean David J. Hall as ex-officio member, College of Engineering, University of Arizona.

It was moved by Mr. Girand and seconded by Mr. Dryden that the minutes of the meeting of the Board on December 7 and 8, 1967, be approved as presented. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Newlin that minutes of the special meeting of the Board on February 1, 1968, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

Discussion was held regarding attempts to strengthen the Technical Registration Act and it was suggested by Mr. Girand that efforts be made to make the law stronger. He, also, suggested that possibly a letter from the office of the Board to those practicing illegally may restrain a few and, particularly, if the client was notified of such illegal acts. It was moved by Mr. Girand and seconded by Mr. Eyring that the Board take cognizance of non-registrants practicing in violation of the law and write a letter to each non-registrant and his client. In the discussion following, it was clarified that a copy of the letter to the non-registrant would be forwarded to the client when known. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Place that the Board request the Assistant Attorney General to prepare a form letter regarding the above motion. Motion carried.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Goodwin reported to the Board on an item referred by the Board to this Committee at their December meeting regarding design requirements for service stations. There was considerable discussion on this item indicating that varied opinions existed among the Board members regarding such designs. It was moved by Dr. Newlin and seconded by Mr. Eyring that service stations may be designed by registered architects or registered professional engineers. Motion carried.

Mr. Goodwin presented to the Board the proposal that an additional fee be established for applicants required to submit treatises on seismic forces. Motion died for lack of a second.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Goodwin reported that Landscape Architects had been added as a proficiency registered by this Board by the 28th Legislature in its second regular session as per House Bill 173. It was noted by Mr. Dryden and others that this Statute in being amended by the Legislature prior to final passage had eliminated the words Landscape Architects in A.R.S. 32-142 and A.R.S. 32-143 which in a sense now prohibits architects and engineers from performing landscape architecture even though it had previously been normal to the professional practice of these professions. Mr. Goodwin further reported that he and the Executive Secretary had properly informed the Joint Budget Committee and Mr. John Pritzlaff of the House Appropriations Committee that additional personnel would be required and should be authorized by the Legislature because of the increased work due to House Bill 173.

Mr. Goodwin then reported that the architect-engineers' lien law was tied up in the Judicial Committee and that the statute of limitations bill was not passed.

He further reported that he did not believe the increased limits for work performed by non-registrants would be passed in this Legislature, and that the manufacturers' bill proposed to limit engineering practice was defeated in the committee.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

At the request of Mr. Girand, the Board went into Executive Session.

When the Board readjourned, Mr. Girand moved that future examinations be prepared and conducted as outlined in the memo dated March 5, 1968, from the Executive Secretary, Minute Pages 2169, 2170 and 2171. Motion carried.

The Board of Technical Registration was adjourned so that the members could sit as a Comprehensive Oral Review Committee with Professor Sigmund L. Smith for conducting the examination of Pete Soto Flores, File No. 68-8, Assayer.

When the Board readjourned, Mr. Goodwin reported, as Chairman of the Architectural Evaluation Committee, that the Committee had invited all persons who failed Site Planning and Architectural Design at the December examinations to a group conference and attempted in this conference to review passing and failing problems so as to assist the applicants in their future study.

It was moved by Mr. Goodwin and seconded by Mr. Place that the architectural grades for the December, 1967, examinations, Minute Pages 2172, 2173 and 2174, be certified. Motion carried.

It was moved by Mr. Goodwin and seconded by Dr. Newlin that the Architectural Evaluation Committee report of the meeting March 8, 1968, be accepted and implemented by the Board, Minute Pages 2175 and 2176. Motion carried.

March 5, 1968

EXAMINATION PROCEDURES AND SECURITY

I. Responsibility

The Executive Secretary will be charged with the security of the examinations at all times and shall be solely responsible for same.

II. Examination PreparationA. Fundamentals of Engineering Examination

This examination is given to the Engineers-in-Training and professional engineers taking Parts 1 and 2 of the written examinations. The examination is prepared by N.C.E.E. and is forwarded to this Board upon receipt of a letter requesting same, signed by the Chairman of the Board. The examination is delivered to the Board by parcel post and is received approximately two weeks prior to the release date as published by N.C.E.E.

B. Architectural Examinations - C, F, G, H and I

These examinations are prepared by N.C.A.R.B. and the quantities are forwarded upon receipt of an order signed by the Executive Secretary. The examinations are delivered approximately two weeks prior to the release dates, published, by registered mail, addressee only, to the Executive Secretary.

C. Architectural Examinations - D and E

These examinations are prepared by committee method through the Western Conference of State Architectural Registration Boards and are delivered to this Board by first class mail service for the written portion of the examination which is reproduced locally, and the tracings by parcel post as prepared and printed by Chapman Press in San Francisco, California.

D. All Other Examinations for Professional Engineers, Assayers, Geologists and Land Surveyors

These examinations are prepared by this Board, reproduced in the office of the Board and may or may not be released to the candidate for his later use as previously determined.

1. Source of Questions

Questions for the examinations are provided by Arizona's Universities, past examinations of other states or by the Board members and other interested professionals.

2. Question Review

The Executive Secretary assembles suggested questions available in final form for review of acceptance by the Evaluation and Examination Committee and its Chairman or its Chairman designee. Additional questions in each category are available for review and substitution by any of the above members.

3. Selection

Final selection as made by the committee members, chairman or designee, are reproduced in the office of the Board under the supervision of the Executive Secretary.

III. Examination Security

A. Release of Unclassified Examinations

Examinations which are permitted to be retained by the applicant may be released to new applicants by the office of the Board except during the 30-day period immediately preceeding the examination date. During this period, no employee is authorized to release past unclassified examinations to applicants unless authorized in writing by a member of the Board.

B. Examination File

The last five-drawer filing cabinet on the Eastside of the Storeroom will be designated as the Examination File. This cabinet has a lock and only one key which shall remain on the personal key ring of the Executive Secretary unless released to a member of the Board.

C. Fundamentals of Engineering Examinations

1. When received, shall be placed in the Examination File without opening the package in which delivered.
2. When distributed to the proctors, the case shall be opened in the presence of the Executive Secretary, assembled and resealed for delivery to the proctors by hand or registered mail.

D. NCARE Examinations

1. When received, shall be placed in the Examination File without opening the package in which delivered.
2. When distributed to the proctors, the case shall be opened in the presence of the Executive Secretary, assembled and resealed for delivery to the proctors by hand or registered mail.

E. Architectural Examinations - D and E

1. When received, the tracings shall be locked in the Examination File until assembling for delivery to the proctors by hand or registered mail.
2. The D and E questions, when received, will be typed, reproduced, assembled in books and placed in the locked Examination File by the Office Manager under the direct supervision of the Executive Secretary. When distributed to the proctors, it shall be by registered mail or hand delivery.

F. Custody

All examination questions assembled for consideration by the Board shall be only in the custody of the Executive Secretary and immediately upon

conclusion of any work done by the Executive Secretary on these examination questions, all materials will be locked in the five-drawer filing cabinet, marked, "Examinations."

G. Final Reproduction of Selected Examinations

When the examinations have been finalized by the Board, the Executive Secretary will supervise the reproduction of same by the Office Manager requiring that all materials be returned to and locked in the Examination File at any time the Executive Secretary must leave the office.

The completed examinations will remain locked in the Examination File until delivery to the proctors by hand or registered mail.

During the preparation, reproducing or assembling of any examination, in initial or final form, all voided, unused masters or copies will be shredded by tearing immediately upon the discovery that such masters or copies exist and all such torn or shredded materials will be placed in one of the unused drawers of the Examination File for disposal after the examination date.

H. Examination Masters

All final masters of examinations shall be preserved in the locked Examination File when not actually on the reproducing machine.

I. Delivery

Delivery of examinations referred to above, means registered mail, addressee only, return receipt requested, or if delivered by hand, means the Executive Secretary or bonded messenger service, return receipt requested.

ARCHITECTS

No.	Name	C History & Theory	D Site Planning	E Arch. Design	F Bldg. Construction	G Structural Design	H Prof. Administration	I Bldg. Equipment	Passed
67-85	Aros, Bernard Anthony	F	F	F	82	F	85	83	F,H,I
67-62	Aye, Maung Khin	F	F	F	F	F	F	F	
64-305	Ballew, Thomas James	P	F	P	P	P	P	P	
67-103	Berg, John Anton	P	F	F	P	P	P	P	
63-290	Brown, Gordon Vallance	P	F	F	P	P	P	P	
66-181	Brown, John Eldo	P	F	P	P	P	P	P	
67-80	Bucher, Helmut	P	F	F	F	F	F	75	I
65-34	Ceton, Raymond Wallace	P	P	F	P	P	P	P	
63-329	Cipolla, Caesar Edward	P	F	F	P	P	P	P	
63-36	Cole, Theodore Dow	P	P	F	P	P	P	P	
66-118	Cunningham, Lyle Ray	P	P	81	P	P	P	P	E
59-9	Davison, Allen Lape	P	P	P	F	P	P	P	
59-14	Fellows, Rushia Glen	F	P	P	F	P	P	P	
67-5	Florence, Ora Earle	P	F	P	P	P	P	P	
65-263	Fulton, James Cooper, III	P	F	F	P	P	P	P	
66-249	Gabriel, Joseph M.	P	F	F	P	F	P	P	
65-223	Gilleland, Joseph E., III	P	85	P	P	P	P	P	D
67-38	Gomez, Robert	F	F	F	77	F	75	F	F,H
67-55	Griffin, Donald K.	F	F	F	P	80	P	P	G
66-241	Hansen, Stanley Warren	P	F	F	P	P	P	P	
67-212	Hanson, Richard Charles	F	F	F	75	78	F	79	F,G,I
67-156	Henschied, Ronald Peter	76	F	F	78	75	81	79	C,F,G,H,I
66-250	Hermann, Frank Josef	P	F	F	P	P	P	P	
67-94	Hunt, David Nathaniel	P	F	P	P	P	P	P	

ARCHITECTS		History & Theory	Site Planning	Arch. Design	Bldg. Construction	Struc. Design	Prof. Administration	Bldg. Equipment	Passed
No.	Name	C	D	E	F	G	H	I	
64-98	Johns, Lloyd Lee	F	F	P	P	F	P	P	
67-171	Jones, Woodrow Wilson, Jr.	81	F	F	79	84	80	77	C, F, G, H, I
65-94	Kennedy, Bernard Thomas	P	82	P	P	F	P	P	D
67-82	Leonard, Robert Brooks	P	F	78	75	P	P	P	E, F
65-231	Lo, Shiu Chi	P	P	P	F	P	F	F	
64-331	Long, Harold Leland	P	P	F	P	P	P	P	
65-75	Lugo, Michael Angel, Jr.	P	P	F	P	P	P	P	
67-6	Mangino, Michael Wayne	P	P	F	P	P	P	P	
67-117	Martinson, Gudmund	F	F	F	81	F	84	75	F, H, I
67-110	Nickels, Ernest Lee	79	80	F	75	F	75	F	C, D, F, H
66-218	O'Dell, Kenneth Cecil	P	P	82	P	P	P	P	E
67-113	Oshiro, Roy Seikichi	F	F	F	F	F	F	F	
65-170	Ottenheimer, John	P	F	F	P	P	P	P	
64-210	Pace, Fred Rankin	P	F	P	P	P	P	P	
66-106	Palafox, Frederick A.	P	F	F	P	P	P	P	
63-137	Perrell, Richard Conway	P	P	F	P	P	P	P	
67-92	Richards, Marston Edwin	P	P	F	P	P	P	P	
66-253	Rosslan, Willis Dean	F	F	P	P	P	P	P	
67-278	Roth, Howard Kellogg	81	F	F	82	83	79	86	C, F, G, H, I
64-259	Schutz, Charles Claude	F	F	P	P	F	P	P	
66-203	Shimels, Thomas Anthony	P	F	F	P	F	P	P	
67-133	Slayter, Dale W., Jr.	F	F	F	77	F	80	78	F, H, I
67-230	Smith, Donald Eugene	P	F	F	86	P	94	P	F, H
64-69	Sutton, Michael Hall	P	75	P	P	P	P	P	D

ARCHITECTS

No.	Name	C	D	E	F	G	H	I	Passed
67-81	Tachuk, Donald M.	F	F	F	P	F	75	P	H
65-108	Thurman, Edward Adair	P	F	F	P	P	P	P	
67-209	Tremoulis, John	82	79	F	77	F	79	79	C, D, F, H, I
67-96	Turek, Robert Ladd	P	F	P	P	P	P	P	
67-244	Wilhelm, George Richard	F	F	F	78	F	84	77	F, H, I
66-290	Williams, Samuel Wayne	P	F	F	78	77	P	P	F, G
67-208	Winslow, Paul David	P	F	76	80	P	86	P	E, F, H
66-199	Wonsley, Ronald Clayton	F	P	P	P	F	F	F	
67-254	Wooldridge, Donn	P	F	77	82	P	76	P	E, F, H
67-48	Zeaman, Andrew N.	F	F	79	P	F	P	P	E

ARCHITECT-IN-TRAINING
(Old Rules)

No.	Name	C	D	E	F	G	H	I
63-446	Tang, May Wu		P		F		F	

ARCHITECT-IN-TRAINING
(New Rules)

No.	Name	Average Grade
67-4	Brooks, Roger William	81
67-6	Dobson, Frank A.	77
66-8	Hernikl, John J.	87
67-7	Sawyer, Edward Bosson, Jr.	F

DATE: March 11, 1968

TO: State Board of Technical Registration
FROM: Architectural Evaluation Committee
SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on March 8, 1968, in Phoenix, Arizona, with the following members present:

ABSENT

PRESENT

- Kemper Goodwin
- Lew Place
- M. L. Vanlandingham

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee they are fully qualified, including the treatise on lateral forces, to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

Gilleland, Joseph Ellsworth, III	65-223
Miller, Ronald Holmes	68-22

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Reese, David Nels	68-41	D,E,F,H
Leckman, John L.	68-17	D,E,F,H
Nardini, Matteo	68-11	C,D,E,F,G,H,I
Cooper, John Sherman	68-32	C,D,E,F,G,H,I
Chase, Melvin Gale	68-38	C,D,E,F,G,H,I

- III. The following applicants having appeared before the Committee and met all other requirements of this Board, shall be granted registration after they have submitted a satisfactory treatise and problem:

Butz, Jack Richard	67-281
Sutton, Michael Hall	64-69

- IV. The following applicant who was previously held for the treatise on lateral forces and said treatise having been found satisfactory is recommended that he be granted registration:

Warner, Charles H., Jr.	66-315
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V. Mr. Robert Harry Theodosis, 68-40, should be denied for lack of experience of a character satisfactory to the Board with a refund of \$10.00 of the application fee.

VI. Mr. George Juris Berg, 67-264, should be denied for lack of experience of a character satisfactory to the Board with a refund of \$10.00 of the application fee and he needs one year more of additional experience.

The Committee recommends to the Board that recommendations I through VI of this report be accepted and implemented.

Respectfully submitted,

Kemper Goodwin
Kemper Goodwin, Chairman

- 68-11
 - 68-12
 - 68-13
 - 68-14
 - 68-15
 - 68-16
 - 68-17
 - 68-18
 - 68-19
 - 68-20
- Civil Engineer
 - Architect
 - Architect
 - Electrical Engineer
 - Engineer-in-Training
 - Architect-in-Training
 - Electrical Engineer

It was moved by Dr. Newlin and seconded by Mr. Eyring that the engineering grades for the December, 1967, examinations, Minute Pages 2178, 2179, 2180, 2181, 2182 and 2183, be certified. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Eyring that the Engineering Evaluation Committee report of March 13, 14 and 15, 1968, meeting be accepted and implemented by the Board, Minute Pages 2184, 2185, 2186 and 2187. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Eyring that since the Comprehensive Oral Examination of Mr. Pete Soto Flores was very acceptable, Mr. Flores be granted professional registration as an Assayer. Motion carried.

Items referred to the Board for discussion by the Engineering Evaluation Committee report of March 13, 14 and 15, 1968, were discussed, as follows:

1. Otto Hatcher, 66-188, Geological Engineer

Dr. Newlin reported that Otto Hatcher had presented objections to the Board which were deemed not to be in order and that Mr. Hatcher should be held for a personal audience prior to receiving registration.

It was moved by Dr. Newlin and seconded by Mr. Eyring that the above action regarding Otto Hatcher be affirmed. Motion carried.

2. Raymond H. Holsclaw, 67-152, Industrial Engineer

Mr. Feldman passed out additional information regarding the above referred to applicant and recommended that the Board permit registration of Mr. Holsclaw as a professional engineer without examination or with a Comprehensive Oral Examination. In the discussion following, Mr. Feldman moved and seconded by Mr. Girand that Mr. Holsclaw be held for a Comprehensive Oral Examination. Motion was defeated. It was moved by Dr. Newlin and seconded by Dean Hall that the Board reaffirm its previous action holding Mr. Holsclaw for Parts 3 and 4 of the written examinations. Motion carried.

Dr. Newlin enlarged on the Committee's report of Norman E. Schell and James R. DePalma on which the Committee recommended and the Board accepted the reaffirming of its previous action.

It was moved by Mr. Girand and seconded by Mr. Place that the Assistant Attorney General prepare a form letter for use by the office of the Board to more strongly notify applicants who appear for a personal audience that the Board requires complete knowledge of the Technical Registration Act. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Girand that the following applicants are to be denied for failure to complete the requirements, as indicated, of the Board within a reasonable length of time. Motion carried.

Written Examination Requirement

Bishop, Eugene Michael	66-311	Civil Engineer
Cook, Clyde David	67-4	Architect
Dana, Howard Homer	66-278	Architect
Dekle, Carroll Liles	64-50	Electrical Engineer
Earnhart, George	67-6	Engineer-in-Training
Plate, Roger Andrew	67-1	Architect-in-Training
Vipond, William L.	67-52	Electrical Engineer

No.	Name	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING						
*67-241	de Jong, Remy Lucien Arnoud	P	P	71	95	3,4
63-489	Delaney, John Leo	Ex	Ex	F	P	
67-41	Deskins, John Wesley	P	P	F	P	
67-223	Farrer, Robert E.	F	F	F	85	4
*66-236	Geiser, Edward Frank	P	P	P	90	4
66-34	Grusendorf, Henry Clay	Ex	Ex	F	P	
67-83	Hansen, Robert Leroy	Ex	Ex	F	F	
67-23	Kilgore, John Douglas	F	F	70	80	3,4
*67-24	Kreutz, Joseph Julius	P	P	71	P	3
*67-43	Lee, William Jackson	Ex	Ex	70	70	3,4
*67-213	Mroczkiewicz, Lucien J.	Ex	Ex	70	70	3,4
*67-59	Murphy, James Minter	P	P	70	P	3
67-68	Nicklaus, Eldon Vonne	Ex	Ex	F	85	4
67-142	Ong, Benjamin Wah	P	P	F	70	4
*67-146	Payne, Edmond Garland	78	78	70	80	1,2,3,4
66-127	Raymo, William James	P	P	F	85	4
67-274	Sheldon, William Paul	Ex	Ex	F	85	4
61-96	Smith, Robert H.	P	P	F	P	
*67-72	Talbot, Arthur Lee, III	P	P	75	95	3,4
*67-74	Tucker, Wayne	P	P	72	80	3,4
67-33	Willhite, Ronald Monroe	Ex	Ex	F	P	
67-226	Willow, James Hayes	Ex	Ex	F	75	4
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
*67-210	Woodruff, David Howard	P	P	71	80	3,4

No.	Name	Part I	Part II	Part III	Part IV	Passed
ELECTRICAL ENGINEERING						
*66-222	Albert, Guy Dean	P	P	P	80	4
67-275	Buchanan, Robert Neal	70	70	F	F	1,2
*66-260	Day, David S.	P	P	P	F	
67-104	Hadra, Carl Minton	Ex	Ex	F	P	
67-101	Hockenberger, Philip Rodney	Ex	Ex	F	F	
67-279	Jones, Robert Raymond	Ex	Ex	F	F	
67-121	Schick, Larry Lee	Ex	Ex	81	F	3
*67-205	Schwalb, Arnold Larry	Ex	Ex	85	82	3,4
67-30	Schwartzner, Arthur Richard, Jr.	Ex	Ex	70	F	3
*67-153	Smith, Edwyn Darwyn	P	P	89	95	3,4
67-91	Stevens, Lanier Guion	86	86	75	F	1,2,3
*66-194	Thompson, Lawson Kay	P	P	P	87	4
*67-78	Tobey, Gene Earl	Ex	Ex	87	70	3,4

ENGINEERING SCIENCE

67-50	Aadland, Donald Ingvald	Ex	Ex	F	F	
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GEOLOGICAL ENGINEERING

*66-262	Estes, Leon D.	Ex	Ex	F	F	
*66-188	Hatcher, Otto	P	P	86	P	3
*67-184	Maughan, Gerald C.	Ex	Ex	91	79	3,4

No.	Name	Part I	Part II	Part III	Part IV	Passed
HIGHWAY ENGINEERING						
67-63	Berliner, Erwin	Ex	Ex	71	70	3,4
65-229	Blain, John	Ex	Ex	Ex	F	
66-239	Collon, William P.	Ex	Ex	F	P	
66-295	Evans, James Marshall	Ex	Ex	F	75	4
67-129	Howard, Robert L.	Ex	Ex	F	F	
66-171	Howe, Alva Cecil	F	F	F	F	
67-183	Lansdon, Horace Greeley, Jr.	Ex	Ex	F	F	
66-144	Minter, Charles Bernard	Ex	Ex	F	P	
67-132	Ryan, Seymour William	Ex	Ex	F	75	4
66-79	Shiflet, Chet	Ex	Ex	F	F	
67-53	Simonson, Lee Idor	F	F	F	85	4
67-73	Turner, John McLean, Jr.	Ex	Ex	Ex	F	

MECHANICAL ENGINEERING

67-12	Brooks, Philip Benjamin	Ex	Ex	F	F	
66-174	Criger, Robert Bruce	Ex	Ex	F	F	
65-39	Dandl, Frank	Ex	Ex	F	F	
66-133	Dudley, Avery Denzil	Ex	Ex	F	P	
67-211	Hatch, David Jenner	Ex	Ex	F	F	
67-86	Palmer, Stewart Richard	Ex	Ex	F	71	4
67-46	Quiros, Jose Mario	P	P	P	F	
67-233	Sullivan, Louis Claxton	Ex	Ex	71	99	3,4
65-169	Wellington, Charles Kampfert	P	P	F	P	

No.	Name	Part I	Part II	Part III	Part IV	Passed
SANITARY ENGINEERING						
*66-254	Blackman, William C., Jr.	Ex	Ex	70	70	3,4
66-139	Gantenbein, Robert Lowell, Jr.	P	P	F	P	

		Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
STRUCTURAL ENGINEERING								
66-301	McCullon, James Leon	Ex	Ex	F	F	81	F	5
63-399	Rodowicz, Stefan Joseph	Ex	Ex	P	P	P	F	
66-42	Womack, Luther Dale	P	P	P	P	P	F	

		Grades	
*67-187	Johnson, Edwin Adam		93
*67-192	Nelson, Robert Leroy		71

		Part I	Part II	Part III	Part IV	Passed
GEOLOGY						
*66-306	Eisenberg, John Frederick	Ex	Ex	70	70	3,4
67-102	Hand, Hiram Darby	Ex	Ex	F	F	

LAND SURVEYING						
66-128	Baldwin, Troy L.	F	F	P	P	
*67-106	Clark, Richard Gene	Ex	Ex	70	71	3,4
63-415	Jasman, Myron Gene	F	P	P	P	
66-184	Koch, George Louis	P	F	P	P	
67-219	Lysons, Arthur W.	Ex	Ex	71	F	3
67-157	McLain, Gordon Wallace	F	80	F	81	2,4
67-159	Pidskalny, Robert Andrew	F	F	F	F	
61-84	Preble, Robert Emmett	F	P	P	F	

No.	Name	Part I	Part II	Part III	Part IV	Passed
LAND SURVEYING - Cont'd.						
66-238	Smets, Russell James	F	P	P	P	
66-200	Voss, Roy Everett	P	F	P	72	4
67-198	Willis, Mather Lloyd	F	F	77	73	3,4

ENGINEER-IN-TRAINING		Grade
67-64	Andrews, James H.	83
67-59	Battistelli, Joseph J.	89
67-70	Beene, James Ralph	F
67-78	Bowser, Dennis William	70
67-91	Broyles, Franklin L.	81
67-95	Cashman, Gerald Thomas	70
67-94	Clark, Wayne Luick, III	76
67-80	Clinger, Robert C.	F
67-97	Colvin, Ronald Lee	77
67-93	Conklin, Timothy	89
67-73	Correll, Charles A.	F
67-2	Crafts, Robert Glen	75
67-89	Dixon, James Glen	89
67-88	Frere, Gary Russell	80
67-69	Garcia, Robert A.	85
67-99	Gomez, Paul R.	70
67-77	Haymore, Howard	92
67-81	Hollister, Cullen Agur	84
67-96	Hundley, Kenneth Elbridge	F
66-7	King, Glenn E., Jr.	F
67-90	Kirchner, Henry William	70

ENGINEER-IN-TRAINING - Cont'd.		Grade
67-79	Klingmueller, Lothar M. L.	F
67-102	Ko, James Ying-Choy	75
67-74	Kong, Albert	F
67-85	Larrington, James Kenneth	85
67-84	Leon, Eduardo A.	85
67-65	Leroy, Michael D.	93
66-44	McCassalin, Wade L.	F
67-63	Maria, Charles E.	F
67-92	Milne, James Evans	81
67-68	Moon, Robert James	91
67-77	Smith, William Kerrison	90
67-83	Sparks, Carl E.	70
67-101	Spindle, George D.	79
67-87	Stevens, Paul Mills	90
67-86	Thomas, Richard Clee	71
67-82	Townsend, William E.	F
67-72	Van Dyke, Thomas J.	85
67-61	Warner, Gary J.	76
67-60	Weaver, Johnny Erwin	73
67-71	Weidinger, James David	90
67-98	Wilson, Arthur King	76
67-75	Wilson, Jim F.	90
67-12	Wilson, Michael Jack	F
67-67	Winters, Daniel Brian	86
67-62	Wright, Newell Wadsworth	77
67-100	Wynn, Clois M., Jr.	83
67-5	Yox, Lawrence W., Jr.	92
67-9	Zaleski, Robert J.	F

DATE: March 18, 1968

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on March 13, 14 and 15, 1968, in Phoenix, Arizona, with the following members present and absent:

PRESENT

C. W. Dryden
 Carl T. Eyring
 N. R. Feldman
 John Girand
 David J. Hall
 Charles W. Newlin

ABSENT

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. On March 13, 1968, personal audiences were conducted for those applicants who successfully completed the written examinations in December, 1967, and the following are hereby recommended for registration:

CIVIL ENGINEERING

Barnett, William Oliver 67-99
 Geiser, Edward Frank 66-236
 Kreutz, Joseph Julius 67-24
 Lee, William Jackson 67-43
 Murphy, James Minter 67-59
 Payne, Edmond Garland 67-146
 Talbot, Arthur Lee, III 67-72
 Tucker, Wayne 67-74
 Woodruff, David Howard 67-210

ELECTRICAL ENGINEERING

Albert, Guyd Dean 66-222
 Smith, Edwyn Darwyn 67-153
 Thompson, Lawson Kay 66-194
 Tobey, Gene Earl 67-78

GEOLOGICAL ENGINEERING

Maughan, Gerald C. 67-187

HIGHWAY ENGINEERING

Berliner, Edwin 67-73

MECHANICAL ENGINEERING

Argenbright, Kenneth Allen 67-98

SANITARY ENGINEERING

Blackman, William C., Jr. 66-254

GEOLOGY

Eisenberg, John Frederick 66-306

ASSAYING

Johnson, Edwin Adam 67-187
 Nelson, Robert Leroy 67-192

LAND SURVEYING

Clark, Richard Gene 67-106

- II. The following applicants having appeared before the Committee on March 14th and 15th and satisfied the Committee that they are fully qualified to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

AGRICULTURAL ENGINEERING

Hinz, Walter William

67-304

CIVIL ENGINEERING

Ballard, Donald Sullivan

67-291

Barclay, George E.

67-269

Birch, Thomas Reed, Jr.

68-1

French, Roger Wallace

67-273

Larson, Robert B.

67-312

Maddock, Thomas S.

67-308

Matthais, Judson Stillman

67-287

Mortensen, Bradley Roger

67-245

Stoker, Robert Thomas

67-298

Toland, George Crane

67-319

ELECTRICAL ENGINEERING

Barbanel, Sidney William

67-303

Graham, James Wilmer

67-299

Levin, Jacob

67-265

Steffen, John Frederick

67-292

Teske, Donald Charles

67-325

GEOPHYSICAL ENGINEERING

Sumner, John Stewart

67-306

MECHANICAL ENGINEERING

Clark, Guy E.

67-305

Daudet, Howard C.

67-317

Jarvis, J. Pitts, Jr.

67-321

Rupp, Edwin John

67-302

Saunders, Harry Arthur

67-323

Yang, William J.

67-293

STRUCTURAL ENGINEERING

Richards, Neil Purnell

67-285

GEOLOGY

Jenney, Charles Philip

67-309

Wisser, Edward Hollister

67-296

LAND SURVEYING

Barclay, George E.

67-270

Jones, Vernon Quentin

67-315

III. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the April, 1968, written examinations:AGRICULTURAL ENGINEERING

Anderson, Paul William

67-268

Parts 3 and 4

CIVIL ENGINEERING

Clem, Carrell A., Jr.

67-289

Parts 3 and 4

Cole, Travis H.

67-290

Parts 1, 2, 3 and 4

Copeland, Glen Kelley

67-260

Parts 3 and 4

Darby, Leonard Miles, III

68-2

Parts 3 and 4

Hardt, August V., Jr.

67-316

Parts 3 and 4

Jordan, Frank Edward

68-4

Parts 3 and 4

Kienow, Paul Edward

67-286

Parts 3 and 4

Newton, Thomas Monroe

67-322

Parts 3 and 4

Wilson, Sammy Love

67-266

Parts 3 and 4

GEOPHYSICAL ENGINEERING

Elliot, Charles Lothrop

67-307

Parts 3 and 4

HIGHWAY ENGINEERING

de la Garza, Trinidad

67-314

Parts 1, 2, 3 and 4

MECHANICAL ENGINEERING

Sullivan, Russell Edwin

68-7

Parts 3 and 4

MINING ENGINEERING
Allen, William Richard 67-297 Parts 3 and 4

STRUCTURAL ENGINEERING
Grimm, Albert Adolf 67-310 Parts 5 and 6
Wyatt, Jesse R. 67-318 Parts 5 and 6

Applicants held for the December, 1968, written examinations:

AGRICULTURAL ENGINEERING
Moore, Robert E. 67-284 Parts 3 and 4

CIVIL ENGINEERING
Lowe, Archie Benjamin 67-247 Parts 1, 2, 3 and 4
Marquez, David J. 67-288 Parts 1, 2, 3 and 4

ELECTRICAL ENGINEERING
Jarman, Charles Duayne 67-301 Parts 1, 2, 3 and 4

- IV. The following applicant having appeared before the Committee, while completing the personal audience interview, needs demonstration of additional evidence of his proficiency, ARS 32-123.B, and it is recommended to the Board that this individual be held for the comprehensive oral examination which is established for Friday, March 22, 1968, at 9:30 A.M.:

Peter Soto Flores Assayer 68-8

- V. The following applicants appeared before the Committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board with the refund as shown and the additional years of experience required exceeding one year follows the refund amount:

Burge, Russell William	Mechanical	67-295	\$10.00	
Brazeel, Leonard Eugene	Highway	68-13	\$10.00	
Kenna, Roy Austin	Industrial	67-135	\$10.00	3 years
Vaughn, Lloyd	Electrical	67-246	\$10.00	

- VI. The following applicants were not requested to appear before the Committee but the re-evaluation of their applications by this Committee indicates that the Board should take the following action:

- a. Mr. Joseph M. Wittman, 61-113, Civil Engineer, was reviewed at his request by C. W. Newlin and it is recommended that Mr. Wittman continue the written examinations, however, considerable review and study on his part is indicated.
- b. Mr. Frank Dandl, 65-39, Mechanical Engineer, requested reconsideration for eliminating the examinations and substituting the oral examination was reviewed by the Evaluation Committee and it is recommended to the Board that the Board re-affirm its previous action holding Mr. Dandl for the written examinations. Since his original request for reconsideration, Mr. Dandl has indicated should the Board not find in his favor for the oral examination, he would withdraw his application and this Committee further recommends that the Board accept such withdrawal as a denial without prejudice or refund.

- c. Mr. Otto Hatcher, 66-188, Geological Engineer, regarding the oral comments of the written examinations merit discussion by the entire Board and this Committee recommends that same be discussed at its March meeting.
- d. Mr. William P. Collon, 66-239, Highway Engineer, was reviewed at his request by C. W. Newlin and it is recommended that Mr. Collon continue the written examinations, however, considerable review and study on his part is indicated.
- e. Mr. Raymond H. Holsclaw, 67-152, Industrial Engineer, requested reconsideration of his application for registration and it is recommended that same should be discussed by the entire Board at the March meeting.
- f. Mr. Norman E. Schell, 67-220, Chemical Engineer, requested reconsideration of his application and the Evaluation Committee having reviewed the evidence presented finds no justification for changing their original recommendation and recommends that the Board re-affirm its previous action holding Mr. Schell for the written examination Part 4.
- g. Mr. James R. DePalma, 67-228, Mechanical Engineer, requested reconsideration and the Committee having reviewed previous requests for Mr. DePalma concerning their previous action find nothing to change same and recommend to the Board that it re-affirm its previous action holding Mr. DePalma for parts 3 and 4 of the written examinations.

The Committee recommends to the Board that recommendations I through VI of this report be accepted and implemented.

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin, Chairman

[Faint, illegible text, likely bleed-through from the reverse side of the page]

It was moved by Dean Hall and seconded by Mr. Dryden that the following applicants are to be denied without prejudice and refund at their request. Motion carried.

Lowe, Archie Benjamin
Rodkin, Albert L.

67-248
67-267

Land Surveyor
Civil Engineer

It was moved by Dr. Newlin and seconded by Mr. Dryden that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Cunningham, Lyle Ray 6794
Gilleland, Joseph Ellsworth, III 6795
Miller, Ronald Holmes 6796
O'Dell, Kenneth Cecil 6797
Warner, Charles H., Jr. 6798

AGRICULTURAL ENGINEERING

Hinz, Walter William 6799

CIVIL ENGINEERING

Ballard, Donald Sullivan 6800
Barclay, George E. 6801
Barnett, William Oliver 6802
Birch, Thomas Reed, Jr. 6803
de Jong, Remy Lucien Arnaud 6804
French, Roger Wallace 6805
Geiser, Edward Frank 6806
Kreutz, Joseph Julius 6807
Larson, Robert B. 6808
Lee, William Jackson 6809
Maddock, Thomas S. 6810
Matthias, Judson Stillman 6811
Mortensen, Bradley Roger 6812
Mroczkiewicz, Lucien J. 6813
Murphy, James Minter 6814
Payne, Edmond Garland 6815
Stoker, Robert Thomas 6816
Talbot, Arthur Lee, III 6817
Toland, George Crane 6818
Tucker, Wayne 6819
Woodruff, David Howard 6820

ELECTRICAL ENGINEERING

Albert, Guy Dean 6821
Barbanel, Sidney William 6822
Graham, James Wilmer 6823
Levin, Jacob 6824
Schwalb, Arnold Larry 6825
Smith, Edwyn Darwyn 6826
Steffan, John Frederick 6827

ELECTRICAL ENGINEERING - Cont'd.

Teske, Donald Charles 6828
Thompson, Lawson Kay 6829
Tobey, Gene Earl 6830

GEOLOGICAL ENGINEERING

Maughan, Gerald C. 6831

GEOPHYSICAL ENGINEERING

Sumner, John Stewart 6832

HIGHWAY ENGINEERING

Berliner, Erwin 6833

MECHANICAL ENGINEERING

Argenbright, Kenneth Allen 6834
Clark, Guy E. 4429
Daudet, Howard C. 6836
Jarvis, J. Pitts, Jr. 6837
Rupp, Edwin John 6838
Saunders, Harry Arthur 6839
Sullivan, Louis Claxton 6840
Yang, William J. 6841

SANITARY ENGINEERING

Blackman, William C., Jr. 6842

STRUCTURAL ENGINEERING

Richards, Neil Purnell 6843

GEOLOGY

Eisenberg, John Frederick 6844
Jenney, Charles Philip 6845
Wisser, Edward Hollister 6846

ASSAYING

Flores, Pete Soto 6852
Johnson, Edwin Adam 6847
Nelson, Robert Leroy 6848

LAND SURVEYING

Barclay, George E. 6849
Clark, Richard Gene 6850
Jones, Vernon Quentin 6851

It was moved by Mr. Dryden and seconded by Mr. Eyring that the following applicants for in-training certification, having completed all of this Board's requirements, be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECT-IN-TRAINING

Brooks, Roger William	70
Dobson, Frank A.	71
Hernikl, John J.	72

ENGINEER-IN-TRAINING

Battistelli, Joseph J.	690
Bowser, Dennis William	691
Conklin, Timothy	692
Cox, Gene Leonard	693
Dickens, Donald Richard	694
Dixon, James Glen	695
Herrera, Daniel J.	696
Hollister, Cullen Agur	697
Ko, James Ying-Choy	698
Kramer, Peter George	699
Leon, Eduardo A.	700
LeRoy, Michael David	701

ENGINEER-IN-TRAINING - Cont'd.

Milne, James Evans	702
Mooberry, David George	703
Moon, Robert James	704
Rings, Ben Richard	705
Roberts, Jack	706
Rodriguez, Johnny E.	707
Salmon, Michael Dumont	708
Smith, William Kerrison	709
Sparks, Carl R.	710
Spindle, George D.	711
Steele, Travis C.	712
Van Dyke, Thomas J.	713
Wallace, Robert Marvin	714
Warner, Gary J.	715
Weaver, Johnny Erwin	716
Yox, Lawrence W., Jr.	717

Mr. Goodwin reported on a last-minute request for review of the architectural examinations failed by Mr. Richard Conway Perrell, File No. 63-137, and recommended the following action. It was moved by Mr. Goodwin and seconded by Mr. Eyring that the Board consider no request for reconsideration or review other than what has been already completed prior to the written examinations scheduled for June, 1968. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Place that the next scheduled examinations for the Architects be approved as shown on Minute Page 2190. Motion carried.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Goodwin reported on his and Mr. Vanlandingham's attendance at the Western Conference of Architectural Registration Boards' convention in Seattle, Washington, at the Alderbrook Inn on February 15-17, 1968. The report emphasized that one of the items discussed was the preparation of uniform examination problems in Site Planning and Architectural Design to begin with the June, 1968, examinations. These examinations had been approved by the Western Conference but would now be submitted to all of the registration boards for their use and would continue to be given on the same date and time in all of the Western Conference States.

Mr. Goodwin reported that the content for release to the applicants on Examination D, Site Planning, and Examination E, Architectural Design, were as follows:

Exam D - Cultural Complex for the Indian Arts

Exam E - A University Conference Center

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

TWO LOCATIONS:

1. Tempe, Arizona

School of Architecture, Rooms 327 and 330, Arizona State University

2. Tucson, Arizona

School of Architecture, Room 205, University of Arizona

Thursday, June 13, 1968

8:30 A.M. to 11:30 A.M.

Examination H, Professional Administration (No reference material permitted)

12:30 P.M. to 5:30 P.M.

Examination I, Building Equipment (No reference material permitted)

Friday, June 14, 1968

8:30 A.M. to 11:30 A.M.

Examination C, History & Theory of Architecture (No reference material permitted)

12:30 P.M. to 5:30 P.M.

Examination G, Structural Design (Reference material is permitted)

Saturday, June 15, 1968

8:30 A.M. to 11:30 A.M.

Examination F, Building Construction (No reference material permitted)

12:30 P.M. to 5:30 P.M.

Examination D, Site Planning (Cultural Complex for the Indian Arts) (No reference material permitted)

Sunday, June 16, 1968

8:00 A.M. to 8:00 P.M.

Examination E, Architectural Design (A University Conference Center) (No reference material permitted)

REPORT OF THE BUDGET COMMITTEE

Mr. Feldman reported to the Board on the meeting between the Budget Committee and the House and Senate Appropriations Committees on February 1, 1968, and indicated that his best information was that the appropriations for fiscal year 1968-1969 would be a two-line budget, one for Personal Services, and the other for Current Expenditures. The written report submitted by Mr. Feldman for this Committee follows, Minute Page 2192.

It was moved by Mr. Dryden and seconded by Mr. Place that the Budget Committee report be accepted. Motion carried.

The Executive Secretary's Cash Flow Report was introduced at this time to the Board by Mr. Feldman and by direction entered into the Minutes as Page 2193. Discussion following on the Executive Secretary's memorandum of March 14, 1968, regarding the status of our funds for the balance of this fiscal year. The conclusion from which it could only be deducted was that we cannot mail our Annual Report until our fiscal year 1968-1969 unless some last minute re-allocation of funds would be authorized by the Finance Department under authority granted in House Bill 248 of the second regular session.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that a letter be written to the Governor notifying him that we are unable to mail his or any other annual report due to the limitation of funds by the Legislature. Motion carried with Mr. Dryden noted as abstaining.

REPORT OF GRIEVANCE COMMITTEE #1

It was moved by Mr. Dryden and seconded by Mr. Eyring that the report of Grievance Committee #1, Minute Pages 2194 and 2195, be accepted. Motion carried.

Mr. Dryden stated that the complaints previously referred to the County Attorney should be taken up under the Executive Committee at the next meeting of the Board.

Mr. Goodwin reported on an advertisement of Henningson, Durham and Richardson, Engineers and Architects, in which the firm name none of the principals is a registered Architect. His question regarding this is what constitutes a firm name?

It was moved by Mr. Girand and seconded by Mr. Eyring that the Attorney General be requested to provide an opinion on the interpretation of A.R.S. 32-141, Firm or Corporate Practice, in regard to the above referenced firm name. Motion carried.

Mr. Feldman suggested that the Attorney General review the case of Coon and Chonis while making his opinion on the above.

Mr. Goodwin reported on Bert Thorud, registered Architect, who had previously been warned by the Grievance Committee for signing architectural plans not prepared by him and it was alleged that he has again signed plans for a building in Tempe which were not prepared by him or his bona fide employee but the drawings do bear his seal. It was the consensus of the members that this matter be discussed in the next meeting of Grievance Committee #1.

BUDGET COMMITTEE - STATE BOARD OF TECHNICAL REGISTRATION

REPORT MARCH 21, 1968

N. R. FELDMAN - KEMPER GOODWIN - JOHN GIRAND

OUR COMMITTEE together with most of the Board Members - waited on both the Senate and House Appropriation Committees - February 1, last.

AFTER SUBMITTING an introductory statement - we asked that the committees give sympathetic consideration to our Executive Secretary's presentation.

IMPOSSIBLE to tell what was to come out of the committee's deliberation or as to how our budget requirements will fare. Our EXECUTIVE SECRETARY can better fill you in on what good the supplemental bill as passed and signed by the Governor will do.

HE HAS already filled you in on how we will fare for March - travel - and many other office expenditures which he has been trying to work out relief on, with the state budget analyst of the joint legislative committee.

Your suggestions on what to do will be welcomed.

Respectfully submitted,

N. R. Feldman

CASH FLOW REPORT - THIRD QUARTER

Report #3

Balance on Deposit as of July 1, 1967 - \$16,413.68

Date: March 8, 1968

Total Deposits to Date - \$51,151.15

Total Appropriated Receipts
to Date - \$46,036.03

Unencumbered Balance as of this Report Date - \$29,961.81

Line Items	Appropriated Annually	Appropriated each Quarter	Amount Spent To Date	Balance for Year
Personal Services	\$22,600.00	\$5,650.00	\$16,008.40	\$6,591.60
Current Expenditures - Other	\$12,200.00	\$3,050.00	\$ 8,581.12	\$3,618.88
Travel - State	\$ 2,300.00	\$ 575.00	\$ 1,252.30	\$1,047.70
Travel - Out of State	\$ 2,200.00		\$ 1,182.86	\$1,017.14
Capital Outlay-Equipment	\$ 650.00		\$ 43.00	\$ 607.00
Current Fixed Charges	* \$ 6,880.00		\$ 4,929.14	\$1,950.86
Professional Services	* \$ 2,000.00	\$ 250.00	\$ 749.65	\$1,250.35
Grants	\$ 200.00		\$ 123.75	\$ 76.25
TOTALS	\$49,030.00		\$32,870.22	\$16,159.78

These two items were increased by the Legislature under an emergency appropriation, allocating \$545.00 additional to Current Fixed Charges and \$1,000 to Professional Services for the balance of this Fiscal Year.

A more detailed analysis of the expenditures in each category is as attached.

DATE: March 20, 1968

TO: State Board of Technical Registration
 FROM: Grievance Committee #1
 SUBJECT: Report of Grievance Committee #1

Grievance Committee #1 held a meeting on March 20, 1968, beginning at 7:00 P.M., at the Executive Inn, Tucson, Arizona, which was called to order by Mr. C. W. Dryden, Chairman.

PRESENT

C. W. Dryden, Chairman
 Carl T. Eyring
 John Girand
 Charles W. Newlin
 M. L. Vanlandingham

ABSENT

Kemper Goodwin

The Chairman read a letter from Doyle-Flynn Associates, Architects, enclosing a clipping from the Thursday, March 7, 1968, Arizona Republic in which Wayne Smith, a non-registrant, was referred to as an Architect. The Committee recognized that Mr. Smith was not registered as an Architect but was a proponent of the Landscape Architecture registration. It was moved by Mr. Girand and seconded by Dr. Newlin that the letter from Mr. Flynn be acknowledged and advise him that the Board does not take official action on newspaper reports but if any other evidence of Mr. Smith calling himself an architect was available, the Board would be glad to consider same. Motion carried.

Mr. Vanlandingham and the Executive Secretary reported on conversations with Mr. Fred Guirey, registered Architect, regarding a California engineer by the name of Iacono, who had apparently designed the Desert Lawn Memorial Mausoleum for the Johnson Brothers in Yuma, Arizona. After considerable discussion on this matter, Chairman Dryden directed that Grievance Committee #1 take no action at this time other than to request further evidence from Mr. Guirey on which we could take some action.

A discussion followed concerning Yost and Gardner in which it was alleged in the Arizona Daily Sun that the City of Flagstaff had filed a suit against the aforementioned registrants regarding a sewage treatment plant in the City.

Letter was read from the Arizona Society of Professional Engineers regarding a Frank Fair of Douglas, Arizona, and his apparent publicity calling himself an engineering graduate of the University of Missouri when, in fact, it was alleged he was not. The Committee by action held this matter for further information.

A discussion was held on Robert M. Williams, Jr., a registered Land Surveyor, No. 4123, regarding the use of the term "Engineer" on his business checks. It was moved by Mr. Eyring and seconded by Dr. Newlin that the matter be referred to the next Grievance Committee meeting after more investigation. Motion carried.

A discussion was held on plans provided by the Arizona State Board of Health submitted to the Board by a non-registrant as a design for a nursing home in Havasu City, Arizona. As the Board of Health has twice rejected these plans drawn by a non-registered contractor and exceeds \$10,000, some action should be taken by this Committee. It was moved by Mr. Girand and seconded by Mr. Vanlandingham that the Executive Secretary write to the person who is building the nursing home to determine who actually drew the plans and further investigate the matter so that we would have enough to file a complaint. Motion carried.

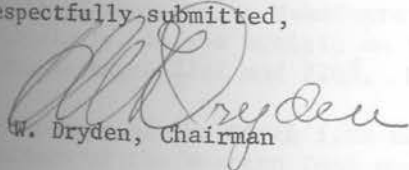
Mr. Clifford reported on the complaints which were to go to the County Attorney, as was directed at previous Board meetings, in that he was having a difficult time in getting acceptance of same by that office. He reported in order to handle these complaints through the County Attorney, it would be necessary for the Attorney General's office to subpoena all witnesses, write the questions for the County Attorney and do everything but actually presenting the case. He further reported that the cases were now too old to be presented properly to the County Attorney. As Chairman of Grievance Committee #1, Mr. Dryden recommended that the Committee refer the following complaints back to the Board for action:

1-67-05-01	Hunt, Kelly
1-67-05-02	Stark, G. W.
1-67-05-03	Carlson, George O.
1-67-05-04	Roosen's Design Service

Mr. Dryden announced that there would be another Grievance Committee meeting scheduled prior to the June meeting of the Board to act on the complaints referred to them.

The meeting was adjourned at 9:00 P.M.

Respectfully submitted,


C. W. Dryden, Chairman

REPORT OF GRIEVANCE COMMITTEE #2

Mr. Feldman reported that Grievance Committee #2 had no active complaints, however, he had received an oral complaint about a school being built in Casa Grande as designed by a non-registrant. Since no formal or written information had been received substantiating this, no action could be taken and the committee had no further reports.

REPORT OF THE SPECIAL OFFICE PROCEDURES COMMITTEE

The report of the Special Office Procedures Committee was handed out to the members of the Board and is attached as per Minute Page 2197. A discussion followed regarding the proposed IBM Service and it was moved by Mr. Dryden and seconded by Mr. Girand that the report be accepted for further study. Motion carried.

READING OF COMMUNICATIONS

Letters from John C. Lacy, Attorney, regarding geophysical engineering, Minute Pages 2198 and 2199, were read to the Board. The Executive Secretary was instructed to acknowledge the letters advising that any information available will be forwarded after the next meeting of the Board. It was moved by Dr. Newlin and seconded by Mr. Goodwin that we obtain some guidelines for requirements for granting of registration as a Geophysical Engineer. Motion carried.

Letter from Governor Williams was read, Minute Page 2200, and it was moved by Mr. Goodwin and seconded by Mr. Eyring that we notify the Governor of our meetings so as his representative may attend. Motion carried.

Letter from the North Carolina Registration Board, Minute Page 2201, was read and it was moved by Mr. Goodwin and seconded by Mr. Eyring that the Executive Secretary acknowledge same and direct the North Carolina Board to the National Council of Engineering Examiners' Registration Bulletin of March, 1968, particularly, to the article on the Iowa Board test case, pages 3 and 4, attached as Minute Pages 2202 and 2203. Motion carried.

Announcement of the March 12th memorandum from National Council of Engineering Examiners of the Western Zone meeting in Albuquerque, New Mexico, on May 3-4, 1968, Minute Page 2204, was read for the information of the Board members.

Letter from the American Technological Institute, Minute Page 2205, was read and the consensus of this meeting reaffirmed the Board's previous action of not releasing past examinations to such organizations.

Letter from Washington Architectural Registration Board, Minute Page 2206, was read transmitting an opinion of the Washington State Supreme Court and the opinion was noted.

UNFINISHED BUSINESS

Mr. Joseph Clifford, Assistant Attorney General, reported on the status of Complaint No. 68002, Board of Technical Registration versus Duncan E. Britt, and the trial now pending in Pima County Superior Court. Mr. Clifford indicated that he would attempt to bring this matter to trial as soon as possible and did not anticipate members of the Board having to attend the hearing.

OFFICE PROCEDURES COMMITTEE - STATE BOARD OF TECHNICAL REGISTRATION

REPORT MARCH 21, 1968

N. R. FELDMAN - CHARLES W. DRYDEN - CARL T. EYRING

CASH FLOW - As a result of the BOARD'S DISCUSSION - A SAFETY DEPOSIT BOX was acquired in the UNITED BANK OFFICES. Access to same by our EXECUTIVE SECRETARY and/or JOYCE SMITH only each night - Daily and accumulated receipts are place in same -

BANK DEPOSITS cannot be made DAILY until remittance are verified with renewals or what is being paid.

PROBLEMS arise with BUSINESS CHECKS covering more than one renewal - also incorrect amounts.

Very difficult to get a refund check from AUDITOR'S OFFICE on errors.

AUDITOR'S OFFICE balks at pay in vouchers containing less than a full sheet.

We submit herewith an IBM plan as proposed by the SERVICE BUREAU CORPORATION - same is in operation by the REGISTERED NURSES BUREAU.

Please note - The one time installation charge \$1513.40

Also note - the year round costs

COMPARE with what is paid out in extra labor to prepare for annual reports - typing renewals - delinquent notices, etc.

We will try to get a computer service bureau for comparison.

Change over - to either of the above will give us a better control on renewals.

Also a permanent record at 2 locations in case of fire or theft or any kind of records lost or destroyed.

Respectfully submitted,

N. R. Feldman

J. L. Lay
March 21, 1968

02198

VERITY & SMITH
ATTORNEYS AT LAW
SUITE 902 TRANSAMERICA BUILDING
177 NORTH CHURCH AVENUE
TUCSON, ARIZONA 85701

AREA CODE 602
TELEPHONE 622-7446

VICTOR M. VERITY
LEO N. SMITH
JAMES E. MUELLER
JOHN C. LACY

December 27, 1967

Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
Suite 624, Guaranty Bank Bldg.
Phoenix, Arizona

Dear Mr. Edelblut:

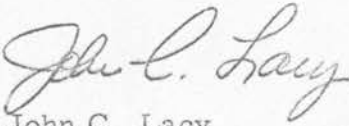
It has been brought to our attention that the classification of Geophysical Engineer or Geophysicist has been created as a category of Professional Engineer. Would you please send us information as to the date of the creation of this classification and any new regulations pertaining to this classification.

Would you also please send us information as to the qualification procedures. It is our understanding that a registrant must present evidence of eight years activity in the field of which five years may be teaching or study in the field.

Specifically, our questions are, (1) what criteria are used in determining whether credit will be given for educational experience in related fields; (2) with regard to any written or oral examination that may be required by the board, what criteria are used in the preparation of the examination and is it restricted only to the field of the examination; and (3) with regard to persons presently active in the field, has any attempt been made to give them notice and does the Board recognize any practitioners under any sort of "grandfather" clause.

Thank you for your assistance in this matter.

Very truly yours,


John C. Lacy

JCL:md

02199

VERITY & SMITH
ATTORNEYS AT LAW
SUITE 902 TRANSAMERICA BUILDING
177 NORTH CHURCH AVENUE
TUCSON, ARIZONA 85701

AREA CODE 602
TELEPHONE 622-7446

February 7, 1968

VICTOR H. VERITY
LEO A. SMITH
JAMES E. MUELLER
JOHN C. LACY

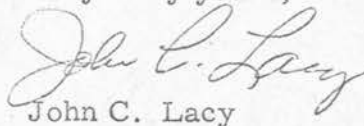
Mr. Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
Suite 408, Guaranty Bank Building
Phoenix, Arizona 85012

Dear Mr. Edelblut:

Regarding my inquiry to you of December 27, 1967, you advised that you were circulating the letter among the members of the board. If you have completed the circulation I would appreciate your comments.

Thank you for your assistance in this matter.

Very truly yours,


John C. Lacy

JCL:lh



02200

OFFICE OF THE GOVERNOR
STATE HOUSE
PHOENIX, ARIZONA

JACK WILLIAMS
ADVANCE

RECEIVED
MAR 13 1968
STATE BOARD TECHNICAL CENTER

TO: ALL ARIZONA STATE BOARDS & COMMISSIONS

I would like to request that this office be placed on your mailing list so that we may receive notice of meetings and agendas at the same time they are sent to your Board or Commission membership.

With this information in hand, it will be possible for us to schedule attendance at some of your meetings by members of the Governor's staff.

Thank you so very much.

Jack Williams
Jack Williams
Governor

JW:bs:sw
March 13, 1968

NORTH CAROLINA
STATE BOARD OF REGISTRATION
FOR
PROFESSIONAL ENGINEERS AND LAND SURVEYORS
RALEIGH
27605

12 March 1968

SUITE 152
1307 GLENWOOD AVENUE



ROBERT B. RICE
SECRETARY-TREASURER

Mr. Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
3550 N. Central Avenue
Phoenix, Arizona 85012

Dear Mr. Edelblut:

Many of our State Laws (and including the Model Law) provide that no one shall "...by verbal claim, sign, advertisement, signature, letter-head, card or in any other way represent himself to be, or capable of being, an engineer...", at least until he has "...submitted evidence satisfactory to the Board that he is so qualified to practice, and it shall be unlawful to practice, or offer to practice until such person has been duly registered."

From time-to-time our Board receives applications from candidates registered in other states where these candidates have used the title "Engineer" prior to their being Registered.

On occasion we receive applications from candidates in our State who have used or are using the title "Engineer."

In the first place this appears to be unlawful.

In the second place some States have a provision in their law whereby the use of the title "Engineer" by a locomotive operator, maintenance workers, repairmen, mechanics, . . . does not fall within the jurisdiction of the Registration Act. In this case however, it is illogical for a Board to grant credit for this time in evaluating their record of "Experience in Engineering Work."

Our Board would appreciate the benefit of your views on this matter: whether you permit candidates, who are really EIT's, to use the title "Engineer, Design Engineer," or the like in listing their experience; or, permit candidates from other States so to list themselves prior to their being Registered.

Thanking you for your cooperation.

Very truly yours,

Robert B. Rice

Secretary-Treasurer

RBR:jd

March 1968

Iowa Board Loses Court Test

The Iowa State Board sought to enjoin the Electronic Engineering Co. of Des Moines, Iowa from using the word "Engineering" in its company title. Section 114.24 of the Iowa code reads:

"114.24 Injunction. Any person who is not legally authorized to practice in this state according to the provisions of this chapter, and shall practice, or shall in connection with his name use any designation tending to imply or designate him as a professional engineer or land surveyor, may be restrained by permanent injunction."

The Polk District Court in January 1967 refused to grant the injunction. It was appealed to the Iowa Supreme Court, case 251/52708. On 12 December 1967 it rendered its decision which included the following points:

The material facts are undisputed. From 1949 to 1958 William R. Clark and John J. Moffet, together with one other person, carried on a partnership business under the name of Electronic Engineering Company. In 1958 the business was incorporated under the same name. At the time of trial the business had been operated without interruption under this name for approximately 17 years, both as a partnership and as a corporation. The business of the defendant is principally that of installing and servicing two-way radios and mobile telephones. It also services and repairs home laundries, refrigerators, television sets, and air conditioning equipment. Defendant has never rendered professional engineering services, nor has it advertised that it is qualified to do so. Nor, in 17 years, has anyone requested defendant to render professional engineering services.

Plaintiff, however, contends what defendant does is unimportant and how it advertises is immaterial. The sole issue raised by the petition is whether the use of the corporate name, Electronic Engineering Company, violates section 114.24 by implying defendant offers professional engineering services or by designating it as a professional engineering company.

The Chapter (114) does not require all engineers to comply with its terms, limiting its application to professional engineers as that term is defined in Section 114.2, Code, 1966.

The issue is a very narrow one, and is one which has not been previously considered by us.

The material facts are undisputed.

The sole issue raised by the petition is whether the use of the corporate name, Electronic Engineering Company, violates Section 114.24 by implying defendant offers professional engineering services, whereby designating it as a professional engineering company.

The term, "engineer," has now lost much of its original professional significance.

Reference is made to Webster's International Dictionary, Second Edition, for definitions of engineering, including within the term, one who runs an engine; one who manages a project by artful contrivance; and in military parlance, one engaged as a artilleryman or gunner. This same dictionary notes there are 41 special classifications under the definition of engineering and even then indicates there are still others not listed.

The dictionary reference is mentioned "merely to illustrate that 'engineer' no longer necessarily connotes professional competence or skill. Apparently the legislature recognized this in limiting the application of Chapter 114 to professional engineers, which Section 114.2 defines to exclude many of those who now use that term to describe their work or occupation. It must be conceded that 'engineers' and 'professional engineers' are not synonymous. The use of one does not necessarily imply the other."

The sole issue here is whether the defendant's corporate name implies defendant renders professional engineering services or whether it renders any engineering services.

In considering that question, it is important to take into account all the circumstances surrounding the use of such name. This is particularly true since our finding is one of fact and prior decisions from other jurisdictions are of no help to us.

Under the evidence here we agree with the trial court that there is no violation of Section 114.24.

(Continued on page 4)

Spring Zone Meetings

The schedule of the spring zone meetings has been announced by the zone directors.

Northeast Zone — 6 April
Hotel Roosevelt — New York City

Southern Zone — 17 to 19 April
Hotel Marion, Little Rock, Arkansas

Western Zone — 3 & 4 May
Holiday Inn of Albuquerque, Albuquerque, N. M.

Central Zone — 10 & 11 May
Hotel Savery, Des Moines, Iowa

The secretary of each zone will write to the members of their zones to give them further information about the items to be discussed, which will include a variety of subjects.

President Whitehead has requested two items to be included on the agenda for each zone.

The first is the request from the Board of Directors to the Model Law Revision Committee to bring to the annual meeting in August a recommendation to change Section 12 of the Model Law, Requirements for Registration, to require that an applicant for registration have as one of the minimum requirements a baccalaureate degree from an approved engineering curriculum. The National Council adopted as a policy in 1965 the recommendations of the Committee on Liaison with the ASEE Goals Study that future educational requirements for professional engineers should be raised to require at least one year of professional engineering subjects beyond the baccalaureate degree. Note in the summary of the Goals report in another article in this issue that this was included in their final report. Your Board of Directors feels that the Model Law should be promptly revised toward this objective.

Another item is the consideration of changes in the registration process which Dr. Whitehead recommended for study last year and which has been referred to two committees of the National Council for study, Qualifications for Registration and Participating Organization Liaison. The other learned professions have found that suitable examinations should be given when the future professional graduates from college and that after a period of internship a further check should be made by a Board before the young professional is granted a license to practice. It is time for Engineers to change over to a similar procedure. A thorough discussion is needed to work out the best procedure to be followed before we amend our

laws, where necessary, to provide for the revised procedure.

The Director of each zone has been asked to have a member of the appropriate committee listed above, when possible, to introduce the subject and give some of the suggested plans that should be considered.

IOWA BOARD LOSES COURT TEST

(Continued from page 3)

Defendant has used its corporate name for 17 years without receiving a single request to render professional engineering services.

It is the public, not the plaintiff, which the law seeks to protect. The evidence makes it clear what plaintiff argues here has occurred to no one except plaintiff.

The statement is repeated: "As previously determined, this is a fact question to be determined in each case."

We find defendant's use of its corporate name, under the evidence in this case, does not imply the defendant renders professional engineering services nor does it designate defendant as a professional engineering company. The trial court's finding was right.

All Justices concurred in the opinion.

T. V. Engineers, Inc. of the District of Columbia was enjoined for similar practice but their law specifically prohibits use of the term at all in the title.

Another case in Wisconsin "State vs T. V. Engineers of Kenosha, Inc., Wisc. 141 NW, 2d 235, 239 was decided in favor of defendant TV Engineers of Kenosha recently.

Section 21 of the Model Law goes beyond the implying language which appears in most of the state laws. The current version of Section 21 — Violations and Penalties includes a straight statement: — "any person, firm, partnership, organization, association, corporation, or other entity using or employing the words "engineer" or "engineering" or any modification or derivative thereof in its name or form of business or activity except as authorized in this Act . . . shall be guilty of a misdemeanor . . ."

If the state engineering societies want to control the use of the title "engineer" the present provisions of the Model Law should be studied and the wording as given in the Model Law should be carefully followed in amending their state registration act.

02204

NATIONAL COUNCIL OF ENGINEERING EXAMINERS
THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

JAMES H. SAYS
IMMEDIATE SECRETARY
207 752 CLEMSON, S. C.
823 TEL. 654-2240

RECEIVED
MAR 18 1968
STATE BOARD OF ENGINEERING EXAMINERS

ADDRESS REPLY TO

W. Morgan Allen
421 S. W. Oak Street
Portland, Oregon, 97204

March 12, 1968

TO MEMBERS AND SECRETARIES OF STATE BOARDS - WESTERN ZONE, NCEE:

This is a cordial invitation to attend the Annual Spring Meeting of the Western Zone to be held at the Holiday Inn, 12901 Central Avenue N. E., Albuquerque, New Mexico, on May 3-4, 1968. A room reservation card is enclosed and should be returned directly to the motel in case you plan to attend. Also enclosed is a kit which gives you information about the Albuquerque area. I understand that early May is a great time to visit the Southwest.

It appears that an exceedingly interesting and informative program is shaping up. A few of the items follow:

- 1) Revisions being proposed to the Model Law
- 2) Revisions in the Land Surveying Model Law
- 3) National Uniform Examination
- 4) Reciprocity arrangements in connection with the residency requirements
- 5) Revisions in state registration laws occurring in 1967
- 6) Interpretation of the essentials contained in the 1968 Goals Report
- 7) A look at future engineering registration and certification
- 8) Effective engineering technology courses on registration

If you have other items which you feel should be placed on the agenda and discussed at the meeting, please do not hesitate to inform me prior to April 1, 1968.

I hope to see all of you in Albuquerque.

Sincerely,

W. Morgan Allen, Director
Western Zone NCEE

WMA:jg
encls.

FORMERLY NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS

BOARD OF DIRECTORS 1967-1968

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C. A. Whithead
Albuquerque, New Mexico

Past President
D. E. Marlowe
Washington, D. C.

President-Elect
George F. Branigan
Fayetteville, Arkansas

Western Zone
W. Morgan Allen
Portland, Oregon

Central Zone
Kurt F. Wendt
Madison, Wisconsin

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David E. Fields
Tulsa, Oklahoma

Northeast Zone
Arthur W. Weber
Corning, New York

02205

AMERICAN TECHNOLOGICAL INSTITUTE

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Administrative Offices

RECEIVED
MAR 19 1968
STATE BOARD TECHNICAL REGIST ARIZ

March 15, 1968

BENEDICT RAY
M.S., Ed.D.
Director of Educational Administration

ALLAN D. KRAUS
M.S., M.S.E., P.E.
Director of Technical Education



BOARD OF ADVISORS

EDGAR KOPP
B.S., M.S.
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University of Miami

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Director of Studies in Engineering
Management, Rutgers University

GENERAL DALE D. SMITH
M.S., M.A., Ed.D.
Senior Advisor (for Strategic Survey
Studies) and Chiefs of Staff

Arizona State Board of Technical Registration
Walter J. Edelblut, Jr., Executive Secretary
3550 North Central Avenue, Suite 408
Phoenix, Arizona 85012

Dear Mr. Edelblut:

We are a correspondence school offering courses for those engineers studying to pass their Professional Engineering Licensing Examinations. In order to keep our courses up-to-date and also to be able to provide answers to students' questions concerning the examination in your State, we would very much appreciate your sending us recent past examinations or sample questions that you have available. If these publications are revised periodically, we would like to be put on your regular mailing list. In the event that there is a fee for this service, please bill us.

Thank you for your cooperation and helpful assistance.

Sincerely yours,

Allan D. Kraus

ALLAN D. KRAUS, P.E.
American Technological Institute
Director of Technical Education

ADK:pp

ARCHITECTS

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DONALD R. ERIGSON, AIA
Spokane
ARTHUR S. CARSON, AIA
Tacoma

RECEIVED
MAR 15 1968
STATE BOARD TECHNICAL LICENSING

RICHARD H. EDDY, AIA, Executive Secretary
P. O. Box 649, Olympia, Washington 98501

March 13, 1968

TO: Members of Washington Board
Retired Members of Washington Board
Western Conference Boards
NCARB
AIA
AIA Chapters, Washington
Administrator Professional Division, Washington

FROM: Richard H. Eddy - Executive Secretary

SUBJECT: STATE SUPREME COURT DECISION
Creelman vs. Washington Board

The Washington Board feels that Boards and Professionals of allied interests will be keenly interested in the attached Washington State Supreme Court decision supporting the right of the board under our registration law to use "subjective considerations involving aesthetics, individual taste, and discretion" in the grading of design problems.

The case involved a situation where a candidate repeatedly failed to pass the "E" Architectural Design examination, and brought suit against the board to force his registration. The case has been pending for nearly six years.

It is felt this decision could have influence in other jurisdictions, and will be of value to you.



Richard H. Eddy - Executive Secretary

STATE OF WASHINGTON

DANIEL J. EVANS, Governor



DIVISION OF PROFESSIONAL LICENSING

THOMAS A. CARTER, Administrator

NEW BUSINESS

It was moved by Mr. Dryden and seconded by Mr. Eyring that those who wish to attend the Western Zone meeting be authorized to do so subject to available funds in Out-of-State Travel. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Place that those wishing to attend the National Council of Architectural Registration Boards meeting be authorized to do so subject to available funds in Out-of-State Travel. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Eyring that the following dates be established for pertinent meetings. Motion carried.

Engineering Evaluation Committee - Phoenix, Arizona - April 4, 1968

Engineering Evaluation Committee - Phoenix, Arizona - May 8, 9 and 10, 1968

Architectural Evaluation Committee - Phoenix, Arizona - May 16 and 17, 1968

Regular Board Meeting - Flagstaff, Arizona - June 20 and 21, 1968

Mr. Dryden then entered into further discussion on the new Statutes which includes Landscape Architects as a proficiency of the Board of Technical Registration. He stated that the law did not include the word Landscape Architects in two places, under A.R.S. 32-142 and A.R.S. 32-143, and that an opinion from the Attorney General was necessary to clarify this omission. Discussion followed and it was moved by Mr. Dryden and seconded by Mr. Girard that the Board request a letter opinion from the Attorney General whether or not architects and engineers are now prohibited from performing landscape architectural practice where previously such work was normal to their profession since the title Landscape Architect was not included in A.R.S. 32-143. Motion carried with Mr. Goodwin recorded as voting no.

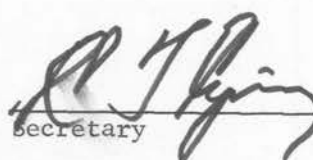
Mr. Feldman brought up and discussion followed on the possibility of adding the classification of electronic engineer to the present authorized categories. It was the feeling of the Board that this item belonged properly under electrical due to the many specialties.

Mr. Dryden suggested that another appointment to the Ad Hoc Committee would be in order but it was the consensus of the Board that we should wait until a letter is received from the Arizona Society of Professional Engineers requesting such an appointment.

ADJOURNMENT

There being no further business Chairman Vanlandingham adjourned the meeting at 3:05 P.M.


Chairman


Secretary

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
April 17, 1968

A special meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in the office of the Board, Phoenix, Arizona, at 2:30 P.M., April 17, 1968.

PRESENT

M. L. Vanlandingham, Chairman
N. R. Feldman, Vice-Chairman
C. W. Dryden
Kemper Goodwin
Charles W. Newlin
Joseph E. Clifford, III, Asst. Atty. Gen.

ABSENT

Carl T. Eyring, Secretary
John Girand
David J. Hall
Lew Place

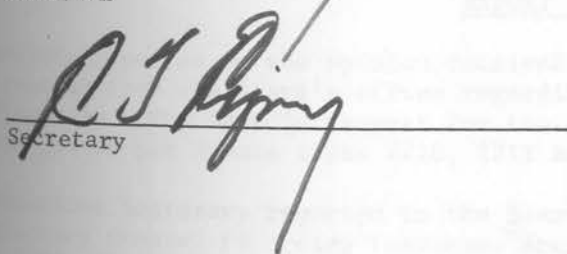
The Board of Technical Registration met in special session to discuss the addition of Landscape Architect to this Board and how to interpret the Statute as signed.

It was resolved by the Board that criteria for registration and rules regarding application would be required before further discussion, and that the Assistant Attorney General and the Executive Secretary prepare some guidelines on this criteria and rules prior to the June meeting of the Board.

There being no further business Chairman Vanlandingham adjourned the meeting at 3:15 P.M.



Chairman



Secretary

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
June 20 - 21, 1968

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in Room 164 of the Business Administration Building, Northern Arizona University, Flagstaff, Arizona, at 11:00 A.M., June 20, 1968.

ABSENT

PRESENT

M. L. Vanlandingham, Chairman
N. R. Feldman, Vice-Chairman
Carl T. Eyring, Secretary
C. W. Dryden
John Girand
Kemper Goodwin
David J. Hall
Charles W. Newlin
Lew Place
Joseph E. Clifford, III, Asst. Atty. Gen.

It was moved by Mr. Goodwin and seconded by Dean Hall that the minutes of the meeting of the Board on March 21 and 22, 1968, be approved as presented. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Place that the minutes of the special meeting of the Board on April 17, 1968, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

Chairman Vanlandingham reported on his visit to the Governor regarding increased allocations for the Board and the problems we were having regarding the present allocation of funds. Mr. Vanlandingham reported that the Governor gave him a very good reception, discussed with him the problems for sometime and indicated that such decisions were up to the Legislature.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Mr. Goodwin reported on the opinion received from the Attorney General in response to a request from the Board's office regarding the name of the registrant in the firm name. The Board's request for the opinion and reply from the Attorney General are as per Minute Pages 2210, 2211 and 2212.

The Executive Secretary reported to the Board on the request for an opinion from the Attorney General regarding Landscape Architecture which is as per Minute Pages 2213, 2214, 2215, 2216, 2217, 2218 and 2219.

In compliance with the April 17th special meeting of the Board, the Executive Secretary reported on the proposed rule changes which had been prepared by the office of the Board and reviewed by Mr. Clifford, the Assistant Attorney General. The Board, acting as a committee, engaged in considerable discussion of the proposed rules making at that time certain deletions, addition of Rule II.B.7, renumbering of present paragraphs 7, 8, 9 and 10, and modification to Rule II.C.6.

STATE OF ARIZONA

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS AND LAND SURVEYORS

3550 N. CENTRAL AVE., SUITE 408

PHOENIX, ARIZONA 85012

264-3836

April 9, 1968

C. W. DRYDEN
JOHN GIRARD
KEMPER GOODWIN
CHARLES W. NEWLIN
LEW PLACE

Mr. Darrell F. Smith
Attorney General
Attorney General's Office
State Capitol
Phoenix, Ariz. 85007

Attn: Mr. Joseph E. Clifford, III, Asst. Atty. Gen.

Dear Mr. Smith:

At the March 21st meeting of the Board of Technical Registration, there was considerable discussion in your presence regarding advertisements by corporations purporting themselves to be both architects and engineer where the firm name does not have the name of a registered person in each proficiency.

The firm name discussed in this meeting was that of Henningson, Durham and Richardson, a Nebraska corporation, apparently authorized to do business in Arizona in which none of the principals named in the title of the firm are architects.

It was also discussed at this meeting that the Arizona Professional Corporation of Coons and Chonis, Architects, should be reviewed by your office in light of the above discussion.

A letter of opinion from your office, #63-27-L, Robert W. Pickrell, Attorney General, indicated that the Board could require the name of the registrant in responsible charge for a firm or corporation be imprinted on the firm's stationery under A.R.S. 32-141. Question:

Can the Board of Technical Registration, under A.R.S. 32-141, require the name of the registered professional in any category be included in the firm name?

Very truly yours,


Walter J. Ebelblut, Jr.
Executive Secretary

WJE/js

DARRELL F. SMITH, THE ATTORNEY GENERAL
STATE CAPITOL
PHOENIX, ARIZONA

June 11, 1968

DEPARTMENT OF LAW LETTER OPINION NO. 68-10-L (R-42)

REQUESTED BY: WALTER J. EDELBLUT, JR., Executive
Secretary - State Board of
Technical Registration

QUESTION: Can the State Board of Technical
Registration require that the name of
a firm or professional corporation
include a registrant from each of the
proficiencies under the jurisdiction
of the Board in which the firm or
corporation practices?

ANSWER: No.

This question is answered on the basis of A.R.S. §32-141
which provides:

"No firm or corporation shall engage in the practice
of architecture, assaying, geology, engineering,
landscape architecture, or land surveying unless the
work is under the full authority and responsible
charge of a registrant, who is also a principal of
the firm or officer of the corporation. The name
of said registrant shall appear whenever the firm
name is used in the professional practice of the
firm or corporation." (Emphasis Supplied.)

The statute requires that firm or corporate work be done under

Opinion No. 68-10-L

(R-42)

June 11, 1968

Page Two

the direction of an appropriate registrant who must assume responsibility for it. Further, it requires that the registrant be a principal of the firm or officer of the corporation involved. However, this same statute also directs that the registrant's name appear whenever the firm name is used in professional practice. Inescapably implied in this provision of law is the conclusion that the registrant's name, which must appear solely in connection with professional practice, need not be included in the firm or corporate name. Considering the manner in which this statute is worded any ruling that a firm or corporate "principal" includes only one whose name appears in the firm or corporate name, could not be supported.

This opinion is consistent with prior interpretations of A.R.S. §32-141 rendered by this office and should be read in conjunction with them. Of particular relevance are Attorney General Opinion No. 61-101-L discussing the meaning of the phrase "full authority and responsible charge of a registrant" and Attorney General Opinion No. 63-27-L defining "professional practice."

In conclusion, this opinion should not be construed as modifying the ruling contained in Opinion No. 63-27-L that the State Board of Technical Registration may require the name of the registrant responsible for an area of practice to be imprinted on firm or corporate stationery used in connection with that practice.

Respectfully submitted,

DARRELL F. SMITH
The Attorney General

March 28, 1968

1968

Mr. Darrell F. Smith, Attorney General
Attorney General's Office
State Capitol
Phoenix, Arizona 85007

Dear Mr. Smith:

The Twenty-Eighth Legislature in their second regular session amended the Arizona Revised Statutes, Title 32, Chapter 1, by including Landscape Architects as a proficiency registered by this Board.

This addition, under Section 32-101, fully defined landscape architectural practice and defined work which has in the past normally been done under the definitions of architectural practice and engineering practice by registered professional architects and engineers.

The amendments, however, did not change Sections 32-142 or 32-143 by the inclusion of the title landscape architect.

Question 1 - Are architects and engineers now prohibited from performing landscape architectural practice by the amendments to this chapter, where previously such work was normal to their profession?

Question 2 - Would architects and engineers previously performing landscape architectural services be qualified to apply for landscape architectural registration under the added ARS 32-146?

Question 3 - Should the answers to questions 1 and 2 be negative, what relief is available to registered engineers and architects formerly practicing landscape architecture?

It would be appreciated if your office would give an early opinion on this matter due to the possibility of the Legislature having a special session.

Very truly yours,

Arthur J. Melblut, Jr.
Executive Secretary

AMJ/1

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

April 3, 1968

RECEIVED
APR 4 - 1968
STATE BOARD OF TECHNICAL REGISTRATION

Mr. Walter J. Edelblut, Jr., Executive Secretary
STATE BOARD OF TECHNICAL REGISTRATION
3550 North Central Avenue, Suite 408
Phoenix, Arizona 85012

Dear Mr. Edelblut:

Your letter of March 28, 1968, addressed to Darrell F. Smith, Attorney General, concerning certain effects of House Bill 173 has been referred to me for reply.

House Bill 173 (Ch. 92, Sess. Laws, 2nd Regular Session, 28th Legislature) is an act defining landscape architectural practice and providing that landscape architects shall be registered as a separate proficiency with the State Board of Technical Registration. Prior to the passage of this act, it was the position of the Technical Registration Board that certain aspects of landscape architectural practice fell within the definition of architectural practice and engineering practice.

You have asked whether in setting up this new and separate proficiency architects and engineers have necessarily been excluded from the practice of landscape architecture. It is my opinion that a partial exclusion has resulted, as explained in this letter.

Architectural practice is defined in A.R.S. § 32-101-2 and it includes the ". . . evaluation, planning, [and] design . . . in connection with . . . site development." A.R.S. § 32-143 provides that a registered architect may engage in the practice of engineering or a registered engineer in the practice of architecture to the extent that he is qualified and the work is necessary and incidental to the work of his registered proficiency,

Mr. Walter J. Edelblut, Jr.
April 3, 1968
Page Two

Construing the above mentioned statutes, it is apparent that an architect may lawfully do planning and design work in connection with site development. To the extent that a registered engineer is permitted by A.R.S. § 32-143 to practice architecture, he may also engage in this activity.

As a result of the enactment of House Bill 173, to the extent that landscape architectural practice includes activities not found within the definition of architectural practice, neither a registered architect nor a registered engineer may now enter the field. A.R.S. § 32-143 was not amended to provide that a registered architect or a registered engineer may engage in the practice of landscape architecture when necessary and incidental to his registered proficiency.

You should note that the law does not draw a clear line between the practice of architecture and the practice of landscape architecture. As a solution to this problem the Board should consider adopting interpretive rules defining the limits of architectural practice in the area of landscape architectural practice. In the alternative, the Board could request the legislature to amend A.R.S. § 32-143 to allow registered architects and registered engineers to practice landscape architecture. As introduced, House Bill 173 provided for a partial exemption in this area. It provided that a registered architect might practice landscape architecture. However, by its language it prohibited a registered engineer from doing so. Should the Board desire to amend A.R.S. § 32-143 in favor of both architects and engineers, the original language appearing in House Bill 173 is not satisfactory.

Finally, in answer to your question whether architects and engineers who have been performing landscape architectural services may qualify for registration as landscape architects, you should note the provisions of A.R.S. § 32-146,

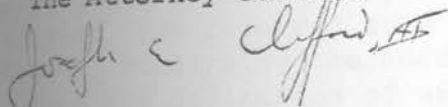
Mr. Walter J. Edelblut, Jr.
April 3, 1968
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a new section added by Chapter 92. This section provides that any applicant may qualify for registration as a landscape architect provided the Board is satisfied that he had met the statutory requirements for registration which are contained in that section.

If I may be of further assistance in this matter, please contact me.

Very truly yours,

DARRELL F. SMITH
The Attorney General



JOSEPH E. CLIFFORD, III
Assistant Attorney General

JEC:hc

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

April 12, 1968

Mr. Walter J. Edelblut, Executive Secretary
STATE BOARD OF TECHNICAL REGISTRATION
408 Guaranty Bank Bldg.
Phoenix, Arizona

Re: Landscape Architects

Dear Mr. Edelblut:

Reflecting our telephone conversation this morning, I am writing to clarify my opinion to you concerning the effect of House Bill 173, which I rendered by letter dated April 3, 1968. In particular, you referred to a case from the Arizona Court of Appeals, Div. 2, construing the words "site development" as they appear within the definition of architectural practice contained in A.R.S. 32-101 (2).

In the case, Jackling v. Snyder, 3 Ariz. App. 63 (1966), a person who held himself out as a "golf course architect" brought suit to collect on a contract to design a golf course near Sedona. In defense to his claim, it was alleged that the work involved required the services of a registered architect, and since the plaintiff was not such a person, he was prohibited from recovery. Holding that the plaintiff did not need to be licensed as an architect, the court stated as follows:

"...We feel that the proper criteria for determining whether the plaintiff Snyder must have a license as an architect to design and supervise the construction of golf courses is not whether some or all of his services might lawfully be performed by a licensed architect, but whether such functions are necessarily embraced within the scope of the statute. We feel and therefore hold that the term "site development" as used in Section 32-101 Subsection 2 A.R.S. is limited to work which is a necessary part of the preparation of a site on which a building or other structure is to be or is placed. We do not believe that the statute is broad enough to include golf course architects."

Mr. Walter J. Edulblut
April 12, 1968
Page Two

In our telephone conversation, you questioned whether this restrictive definition of site development, when combined with the establishment by House Bill 173 of a separate registered proficiency for landscape architecture, now prohibits an architect from engaging in site development beyond that which is "a necessary part of the preparation of the site on which a building or other structure is to be placed".

It is my opinion that the restrictive definition of site development contained in the Jackling case does not place any restrictions upon the practice of architecture. Standing alone, the case merely holds that one need not be licensed as an architect in order to design a golf course. In fact, by referring to the quotation from the case set forth above, you will find a clear implication that a registered architect may in fact engage in the design of golf courses.

The passage of House Bill 173, amending A.R.S. 32-101, followed the Jackling case decision and supersedes it. This result occurs because House Bill 173 defines landscape architectural practice as including "the settings and approaches to buildings, structures, facilities, or other improvements...." In other words, landscape architectural practice as defined by the last legislature now includes the elements of the term site development as defined previously by the court. However, the term site development still appears in the statute. Presumably the legislature meant something different in defining site development and landscape architectural practice. In view of this hopeless conflict between the court and legislative definitions, the most recent statement of the legislature must prevail. Therefore, I conclude that the court's definition of site development is no longer authoritative.

Perhaps a discussion of the Jackling case should have been included in my letter of April 3. However, I felt that letter was long and perhaps confusing enough without the addition of materials which in no way affected the opinion rendered. Hopefully, this supplement to the letter will clarify any misunderstanding which may have arisen.

At this point, it may be appropriate to reiterate my former conclusion arising from the passage of H.B. 173. Prior to the establishment of landscape architecture as a registered proficiency,

Mr. Walter J. Edelblut
April 12, 1968
Page Three

02219

no license of any kind was required to engage in site development so long as no structure was involved in the planning. See the Jackling opinion, infra. However, in creating landscape architecture as a registered proficiency, the legislature presumably intended that only a licensed landscape architect could practice in this area. The problem, of course, is in defining the "area" included exclusively within the definition of Landscape Architecture. The Board of Technical Registration may well be unable to find that a distinct new proficiency has been created. It may decide that Landscape Architecture is but a subdivision of architecture, thereby allowing a registered architect to practice both proficiencies. On the other hand, it may draw lines between the two areas, thereby restricting an Architect's practice. The problem is one peculiarly within the Board's area of competence, in any event, since its intelligent resolution demands knowledge possessed only by the professionals involved in this type of practice. There are no truly relevant court decisions in this state.

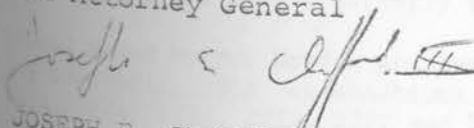
Note, however, that the amendment of A.R.S. 32-143 may not solve the question in a satisfactory manner. The exemption contained in that statute, as proposed, would allow the practice of landscape architecture by an engineer or architect only to the extent such practice was incidental to the engineer or architect's normal practice. Still it would be necessary to determine the limits upon those areas of proficiency.

It remains my conclusion that the problems raised in this letter and the letter of April 3 can be adequately resolved, at least on a temporary basis, by suitable Board rulings.

If I may be of further assistance, please do not hesitate to contact me.

Sincerely,

DARRELL F. SMITH
The Attorney General


JOSEPH E. CLIFFORD, III
Assistant Attorney General

JEC:fs

They further suggested the increase of all professional examination fees from \$7.50 to \$10.00 and all \$10.00 examination fees to \$15.00 with the additional fees for resubmittal of treatises. It was moved by Mr. Girand and seconded by Mr. Goodwin that the Chairman was to establish a committee to study the rules and report to a special meeting of the Board and call this meeting within 30 days but not later than 20 days prior to the next regular meeting of the Board. Motion carried.

Chairman Vanlandingham appointed John Girand, Chairman, C. W. Dryden, Lew Place and Kemper Goodwin to this committee.

Discussion followed on how the office was to proceed with issuing applications to prospective landscape architects as the law became effective June 20, 1968. It was moved by Mr. Eyring and seconded by Mr. Place that the Board reconsider its previous action regarding the proposed rule changes. Motion carried.

It was moved by Mr. Feldman and seconded by Mr. Place that the rules as proposed and discussed are approved for publication and a formal hearing for adoption be held at the next regular meeting of the Board. Mr. Girand called for the votes to be recorded and the following vote was taken:

In favor of the motion: Charles W. Newlin
C. W. Dryden
Carl T. Eyring
N. R. Feldman
David J. Hall
Lew Place

Opposing the motion: John Girand
Kemper Goodwin

Chairman Vanlandingham ruled that the motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

There was no meeting since the March meeting of the Board and no report.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

Mr. Girand requested discussion of the Civil, Highway and Structural Engineering professional examination, Part 3, which on the basis of number passing indicated that consideration by the Board of this examination was required. Mr. Girand passed out a chart summary to all the members of the Board and a review and discussion of this summary followed. At the conclusion of the discussion, Mr. Girand summarized for the Board indicating that apparently nothing was wrong with the examination in either presentation or grading, the examination was open book, was fair to the applicants, allowed the applicants to select only four problems out of nine, and that apparently the applicants themselves were not prepared.

It was moved by Mr. Dryden and seconded by Mr. Eyring that the engineering grades for the April, 1968, examinations be approved as per Minute Pages 2221, 2222, 2223, 2224, 2225, 2226, 2227 and 2228.

No.	Name	Part I	Part II	Part III	Part IV	Passed
AGRICULTURAL ENGINEERING						
67-268	Anderson, Paul William	Ex	Ex	F	F	
67-280	Rice, Robert Cecil	Ex	Ex	F	70	4

CHEMICAL ENGINEERING						
* 67-263	Allard, Peter Frederick	97	97	70	80	1,2,3,4

CIVIL ENGINEERING						
68-3	Carlier, Eugene N.	P	P	F	80	4
67-289	Clem, Carrell A., Jr.	Ex	Ex	80	F	3
68-33	Clouser, Kenneth L.	F	F	F	90	4
* 67-260	Copeland, Glen Kelley	P	P	77	75	3,4
* 68-26	Craft, James William	Ex	Ex	Ex	85	4
* 68-2	Darby, Leonard Miles, III	Ex	Ex	82	80	3,4
63-489	Delaney, John Leo	Ex	Ex	F	P	
67-41	Deskins, John Wesley	P	P	F	P	
67-223	Farrer, Robert E.	F	F	F	P	
66-34	Grusendorf, Henry Clay	Ex	Ex	F	P	
* 67-83	Hansen, Robert Leroy	Ex	Ex	73	70	3,4
67-316	Hardt, August V., Jr.	P	P	F	F	
68-4	Jordan, Frank Edward	Ex	Ex	90	F	3
67-286	Kienow, Paul Edward	P	P	F	90	4
67-23	Kilgore, John Douglas	F	F	P	P	
65-284	King, Lawrence S., Jr.	Ex	Ex	F	F	
68-20	Lewis, Ezra Harold	Ex	Ex	F	90	4
66-143	McKnight, Thomas E.	P	P	P	F	
67-322	Newton, Thomas Monroe	P	P	F	70	4

No.	Name	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
67-68	Nicklaus, Eldon Vonne	Ex	Ex	F	P	
68-75	Ohnesorgen, William B.	F	F	F	70	4
67-142	Ong, Benjamin Wah	P	P	F	P	
66-127	Raymo, William James	P	P	F	P	
67-255	Rikard, Kenneth Ray	Ex	Ex	F	F	
67-274	Sheldon, William Paul	Ex	Ex	F	P	
61-96	Smith, Robert H.	P	P	F	P	
68-12	Sommerfield, William V.	82	82	F	95	1,2,4
68-34	Steele, Travis Carleton	P	P	F	F	
67-257	Vezzetti, Michael J.	Ex	Ex	F	80	4
*67-33	Willhite, Ronald Monroe	Ex	Ex	70	P	3
*67-226	Willow, James Hayes	Ex	Ex	73	P	3
67-266	Wilson, Sammy Love	Ex	Ex	F	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	P	

ELECTRICAL ENGINEERING

67-275	Buchanan, Robert Neal	P	P	F	F	
66-260	Day, David S.	P	P	P	F	
*67-101	Hockenberger, Philip R.	Ex	Ex	70	79	3,4
67-279	Jones, Robert Raymond	Ex	Ex	F	77	4
68-55	Lash, Robert Royal	73	73	F	F	1,2
67-141	Lippuner, Nick	F	DNA	DNA	DNA	
66-115	Rivera, Edill Valentin	Ex	Ex	F	F	
67-30	Schwartzter, Arthur R., Jr.	Ex	Ex	P	F	
*67-91	Stevens, Lanier Guion	P	P	P	87	4

No.	Name	Part I	Part II	Part III	Part IV	Passed
ENGINEERING SCIENCE						
67-50	Aadland, Donald Ingvald	Ex	Ex	F	70	4
GEOLOGICAL ENGINEERING						
66-262	Estes, Leon D.	Ex	Ex	F	75	4
GEOPHYSICAL ENGINEERING						
*67-307	Elliot, Charles Lothrop	Ex	Ex	74	80	3,4
HIGHWAY ENGINEERING						
68-21	Cantrell, Harvey Glenn	F	F	F	70	4
66-239	Collon, William P.	Ex	Ex	F	P	
67-314	de la Garza, Trinidad	F	F	F	F	
66-295	Evans, James Marshall	Ex	Ex	F	P	
68-25	Horne, William Henry	F	F	F	76	4
67-129	Howard, Robert L.	Ex	Ex	F	73	4
65-250	Kleiner, Frank Edward	Ex	Ex	F	F	
67-183	Lansdon, Horace Greeley, Jr.	Ex	Ex	F	F	
66-144	Minter, Charles Bernard	Ex	Ex	F	P	
67-132	Ryan, Seymour William	Ex	Ex	F	P	
67-53	Simonson, Lee Idor	F	F	F	P	
67-73	Turner, John McLean, Jr.	Ex	Ex	Ex	F	
67-154	Webb, Nelden J.	Ex	Ex	F	F	
INDUSTRIAL ENGINEERING						
67-152	Holsclaw, Raymond H.	Ex	Ex	70	F	3

No.	Name	Part I	Part II	Part III	Part IV	Passed
MECHANICAL ENGINEERING						
68-19	Benson, John Paul	81	81	81	F	1,2,3
67-12	Brooks, Philip Benjamin	Ex	Ex	F	F	
67-167	Clayton, Orley John	F	F	F	F	
65-39	Dandl, Frank	Ex	Ex	F	F	
68-23	Dow, Richard Allison	P	P	80	F	3
* 66-133	Dudley, Avery Denzil	Ex	Ex	75	P	3
67-211	Hatch, David Jenner	Ex	Ex	F	F	
67-44	Malley, Richard Joseph	F	F	F	74	4
67-86	Palmer, Stewart Richard	Ex	Ex	F	P	
* 67-46	Quiros, Jose Mario	P	P	P	71	4
* 68-7	Sullivan, Russell Edwin	Ex	Ex	70	77	3,4
65-169	Wellington, Charles Kampfert	P	P	F	P	

METALLURGICAL ENGINEERING

* 67-160	Komadina, George Anthony	Ex	Ex	95	80	3,4
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MINING ENGINEERING

* 68-48	Williams, Frank Edwin	Ex	Ex	83	83	3,4
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SANITARY ENGINEERING

* 68-70	Follett, Robert Henry	Ex	Ex	95	85	3,4
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No.	Name	Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
STRUCTURAL ENGINEERING								
67-143	Ballard, Donald Sullivan	Ex	Ex	Ex	Ex	89	F	5
68-10	Baruch, Richard Michael	Ex	Ex	Ex	Ex	87	F	5
67-206	Cole, Theodore Dow	Ex	Ex	F	75	Ex	70	4,6
* 67-310	Grimm, Albert Adolf	Ex	Ex	Ex	Ex	83	85	5,6
66-301	McCollom, James Leon	Ex	Ex	F	F	P	F	
63-399	Rodowicz, Stefan Joseph	Ex	Ex	P	P	P	F	
66-42	Womack, Luther Dale	P	P	P	P	P	F	
* 68-61	Woodruff, David Howard	P	P	P	P	79	81	5,6
* 67-318	Wyatt, Jesse R.	Ex	Ex	P	P	91	88	5,6

		Part I	Part II	Part III	Part IV	Passed
GEOLOGY						
* 67-116	Carpenter, Gene C.	Ex	Ex	74	79	3,4
* 67-102	Hand, Hiram Darby	Ex	Ex	88	77	3,4
* 68-66	Sharp, James Edward	81	89	82	85	1,2,3,4

LAND SURVEYING						
66-128	Baldwin, Troy L.	F	76	P	P	2
63-415	Jasman, Myron Gene	F	P	P	P	
* 66-184	Koch, George Louis	P	80	P	P	2
68-14	Lenderking, Carroll M., Jr.	F	72	76	70	2,3,4
* 67-219	Lysons, Arthur W.	Ex	Ex	P	81	4
67-157	McLain, Gordon Wallace	F	P	75	P	3
* 66-238	Smets, Russell James	78	P	P	P	1
68-50	Stratton, David Andrew	F	F	F	70	4
* 66-200	Voss, Roy Everett	P	80	P	P	2
67-198	Willis, Mather Lloyd	F	72	P	P	2

No.	Name	Grade
68-1	Bitterli, Robert John	F
68-4	Borg, Gary M.	70
68-14	Brean, George Albert	93
68-27	Burrowes, Norman F.	80
68-8	Churan, Thomas M.	84
67-80	Clinger, Robert C.	F
68-3	Collins, Richard	70
68-13	Comey, Don H.	F
67-73	Correll, Charles A.	F
68-35	Cranmer, Anna Victoria	73
68-5	Dant, Robert E.	94
68-15	Davis, Donald Ray	71
68-41	Ellermann, Donald Ray	81
68-39	Fernandez, Emilio	72
68-6	Franquero, Ronald Adolph	F
68-20	Gerstberger, Richard LeRoy	F
68-12	Grommes, William K.	F
68-34	Guild, Kirke L.	F
68-40	Hackert, Donald Dale	F
68-33	Jenkins, Charles W.	89
68-29	Jordan, William Derryl, Jr.	F
66-7	King, Glenn E., Jr.	F
68-44	Kleinrock, Michael Harris	F
68-37	Knight, John Steven	F
68-46	Knoper, Harold J.	F
68-16	Kovac, Frederick Peter	F

No.	Name	Grade
68-30	Larsen, Donald James	F
66-44	McCassalin, Wade L.	F
68-38	McDowell, Ralph Douglas	F
67-63	Maria, Charles E.	F
68-31	Marrujo, Ralph A.	F
68-36	Moore, Donald C.	F
67-75	Nazaroff, Gregory James	F
68-26	Neahr, James L.	F
68-19	New, Weston K.	F
68-22	Ossanna, Angelo V.	84
68-7	Owens, Mark Lucian	87
68-32	Paine, Charles John	94
68-24	Parker, Daniel L.	86
68-43	Patrick, Jeffrey Lynn	76
68-47	Pfahl, Alfred E.	F
67-40	Racer, Larry Dale	81
68-23	Rampley, Gregory Paul	70
68-9	Ricker, Kenneth Lance	91
68-21	Riddle, Donaldson M.	F
68-2	Shelley, Richard Alan	71
68-25	Smith, Robert Aubrey	F
68-10	Storey, Michael Wayne	95
68-28	Tomasso, Robert Joseph	91
67-82	Townsend, William E.	F
68-42	Watson, William S.	80

No.

Name

ENGINEER-IN-TRAINING - Cont'd.

Grade

68-45	Williams, Anthony F.	84
68-11	Winter, Terry Mac	85
67-103	Wright, Richard Alan	94
67-9	Zaleski, Robert J.	F

A letter from John Kilgore, civil engineer applicant, #67-23, requesting that the Board waive examination parts 1 and 2 of the written professional examination was read to the Board and Mr. Kilgore's qualifications were discussed. It was moved by Dr. Newlin and seconded by Mr. Feldman that the Board reaffirm its previous action holding Mr. Kilgore for examination parts 1 and 2. Motion carried.

It was moved by Mr. Eyring and seconded by Dr. Newlin that the Engineering Evaluation Committee reports of April 4, 1968, May 9 and 10, 1968, as per Minute Pages 2230, 2231, 2232 and 2233, be accepted and implemented by the Board. Motion carried.

Letter from civil engineer applicant, Walter Ralph Toaspern, #68-96, requesting reconsideration of the Evaluation Committee's action on May 9, 1968, was read to the Board and Mr. Toaspern's qualifications were discussed in detail. It was moved by Dr. Newlin and seconded by Mr. Dryden that the Board reaffirm its previous action holding Mr. Toaspern for examination parts 1, 2, 3 and 4. Motion carried.

Letter from electrical engineer applicant, Teddy Lee Myers, #68-87, requesting reconsideration of the Evaluation Committee's action on May 9, 1968, was read to the Board and Mr. Myers' qualifications were discussed in detail. It was moved by Mr. Feldman and seconded by Mr. Eyring that the Board reaffirm its previous action that Mr. Myers' application be denied for insufficient experience. Motion carried.

Letter from highway engineer applicant, Claude W. Hamlin, #68-18, requesting reconsideration of the action of the Evaluation Committee on May 9, 1968, was read to the Board and Mr. Hamlin's qualifications were discussed in detail. It was moved by Mr. Eyring and seconded by Dr. Newlin that the Board reaffirm its previous action that Mr. Hamlin be held for examination parts 3 and 4. Motion carried.

It was moved by Mr. Goodwin and seconded by Mr. Place that the Architectural Evaluation Committee report on May 17, 1968, as per Minute Page 2234 and 2235, be accepted and implemented by the Board. Motion carried.

The Executive Secretary reported to the Board on the need for a Landscape Architectural Evaluation Committee, as per the amendment to the Statutes, and recommended that this evaluation committee be held consecutively with the Architectural Evaluation Committee. It was moved by Mr. Eyring and seconded by Mr. Goodwin that the Landscape Architectural Evaluation Committee consist of two architect and two engineer members of the Board and that meetings be held consecutive with the Architectural Evaluation Committee meetings. Motion carried.

The Executive Secretary reported on a request by Dr. Newlin, necessitated by the discussion at the Western Zone meeting of the National Council of Engineering Examiners, regarding technological colleges and technical institutes offering a four to two year degrees in the broad field of engineering. The Executive Secretary further reported that a request for information from the National Council of Engineering Examiners, now in the office of the Board, could not be answered until a policy regarding this type of education was established.

DATE: April 4, 1968

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on April 4, 1968, in Phoenix, Arizona, with the following members present and absent:

PRESENT

C. W. Dryden
 Carl T. Eyring
 N. R. Feldman
 Charles W. Newlin

ABSENT

John Girand
 David J. Hall

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee on April 4th and satisfied the Committee that they are fully qualified to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

GEOLOGY

Coke, Keith James 68-49

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the April, 1968, written examinations:CIVIL ENGINEERING

Carlier, Eugene Norman	68-3	Parts 3 and 4
Clouser, Kenneth L.	68-33	Parts 1, 2, 3 and 4
Craft, James William	68-26	Part 4
Lewis, Ezra Harold	68-20	Parts 3 and 4
Ohnesorgen William B.	68-75	Parts 1, 2, 3 and 4
Sommerfield, William Vincent	68-12	Parts 1, 2, 3 and 4
Steele, Travis Carleton	68-34	Parts 3 and 4

ELECTRICAL ENGINEERING

Lash, Robert Royal	68-55	Parts 1, 2, 3 and 4
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HIGHWAY ENGINEERING

Cantrell, Harvey Glenn	68-21	Parts 1, 2, 3 and 4
Horne, William Henry	68-25	Parts 1, 2, 3 and 4

MECHANICAL ENGINEERING

Benson, John Paul	68-19	Parts 1, 2, 3 and 4
Dow, Richard Allison	68-23	Parts 3 and 4

<u>MINING ENGINEERING</u> Williams, Frank Edwin	68-48	Parts 3 and 4
<u>SANITARY ENGINEERING</u> Follett, Robert Henry	68-70	Parts 3 and 4
<u>STRUCTURAL ENGINEERING</u> Baruch, Richard Michael	68-10	Parts 5 and 6
Woodruff, David Howard	68-61	Parts 5 and 6
<u>GEOLOGY</u> Sharp, James Edward	68-66	Parts 1, 2, 3 and 4
<u>LAND SURVEYING</u> Lenderking, Carroll Milton, Jr.	68-14	Parts 1, 2, 3 and 4
Stratton, David Andrew	68-50	Parts 1, 2, 3 and 4

Applicants held for the December, 1968, written examinations:

<u>CHEMICAL ENGINEERING</u> Glenn, John Harlan	68-71	Parts 3 and 4
<u>ELECTRICAL ENGINEERING</u> Bialkowski, Michael	67-324	Parts 3 and 4
<u>MECHANICAL ENGINEERING</u> Plott, Julian Lamoine	68-35	Parts 1, 2, 3 and 4
<u>STRUCTURAL ENGINEERING</u> Martin, Arthur Henry	68-57	Parts 5 and 6

III. The following applicants appeared before the Committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board with the refund as shown and the additional years of experience required follows the refund amount:

Islam, Obaidul	Mechanical, 68-28	\$10.00	2 years
McFadden, Gene Raymond	Highway, 68-29	\$10.00	2 years
Rodriguez, Johnny Edward	Civil, 68-36	\$10.00	1 year
Salmon, Michael Dumont	Civil, 68-37	\$10.00	1 year

The Committee recommends to the Board that recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin, Chairman

DATE: May 10, 1968

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on May 9 and 10, 1968, in Phoenix, Arizona, with the following members present and absent:

PRESENT

C. W. Dryden
 Carl T. Eyring
 N. R. Feldman
 John Girand
 David J. Hall
 Charles W. Newlin

ABSENT

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee on May 9th and 10th and satisfied the Committee that they are fully qualified to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

CHEMICAL ENGINEERING

Lewis, Charles William 68-74

CIVIL ENGINEERING

Casson, John Cotterell 68-54
 Halwes, Don Arthur 68-43
 Horowitz, George F. 68-69
 Hylan, Wesley 68-68
 Krisher, Edward A., III 68-42
 Roll, Lionel G. 68-6
 Smith, Edward Carr 67-258
 Spencer, Raymond Dana 68-30
 Stetson, Jerome O. 68-15
 Walters, Brien Benjamin 67-221

ELECTRICAL ENGINEERING

Beumer, Richard E. 68-81
 Cheponis, Joseph J. 68-65
 Klein, Walter Eric 68-27
 Nietz, Malcolm Leo 68-77
 Snyder, John 68-72

MECHANICAL ENGINEERING

Charley, Philip James 68-5
 Kispert, Merland Baker 68-51

METALLURGICAL ENGINEERING

Christian, Robert E. 68-64

STRUCTURAL ENGINEERING

Bilman, Besim Omer 68-85
 Casson, John Cotterell 68-53
 Johnson, Carl B. 68-63

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1968, written examinations:

CIVIL ENGINEERING
 Doolittle, Russell Comber, Jr. 68-24 Part 4
 Toaspern, Walter Ralph 68-96 Parts 1, 2, 3 and 4
 Winneberger, Theodore Wray 68-44 Parts 3 and 4

HIGHWAY ENGINEERING
 Hamlin, Claude W. 68-18 Parts 3 and 4

INDUSTRIAL ENGINEERING
 Bialkowski, Michael 68-94 Parts 3 and 4
 Smith, William Joseph 68-83 Parts 3 and 4

GEOLOGY
 Owens, Willard Glennon 68-82 Parts 3 and 4

LAND SURVEYING
 Mataya, William P. 68-88 Parts 3 and 4

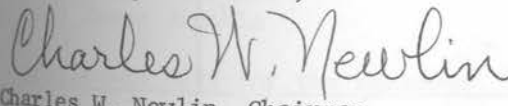
III. The following applicants appeared before the Committee and the evaluation of their applications determined that they should be denied for lack of experience of a character satisfactory to the Board with the refund as shown and the additional years of experience required follows the refund amount:

Myers, Teddy Lee Electrical 68-87 \$10.00 4 years

IV. The following applicant appeared for his personal audience and it was determined that registration in Arizona was not required at this time and the applicant withdrew his application. The withdrawal was accepted without prejudice or refund:

Gouvis, Nicholas Angelo 68-91 Civil Engineer

The Committee recommends to the Board that recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,

 Charles W. Newlin, Chairman

68-78 C.E., P.E., S.E.
 68-79 C.E., P.E., S.E.
 68-112 C.E., P.E., S.E.
 68-95 C.E., P.E., S.E., I
 68-76 C.E., P.E., S.E., I
 68-77 C.E., P.E., S.E., I

June 5, 1968
 June 5, 1968

DATE: May 17, 1968

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on May 17, 1968, in Phoenix, Arizona, with the following members present:

PRESENT
 Kemper Goodwin
 Lew Place
 M. L. Vanlandingham

ABSENT

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified, including the treatise on lateral forces, to receive registration in Arizona under ARS 32-123.A and ARS 32-126, are hereby recommended for registration:

Duncan, Robert Crane	68-98
Hirshen, Sanford	68-60
Kemp, Thomas L.	68-16

II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, ARS 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the June, 1968, examinations

de Blas, Romualdo Jose	68-59	C,D,E,F,G,H,I
Morrison, John Arthur	68-67	C,D,E,F,G,H,I
Orr, James Ritchie	67-313	C,D,E,F,G,H,I

Applicants held for the December, 1968, examinations

Attaya, Charles B.	68-92	C,D,E,F,G,H,I
Edgar, Cleworth Barlun	68-76	C,D,E,F,G,H,I
Johnson, Donald Harold	68-31	C,D,E,F,G,H,I

III. The following applicants having appeared before the Committee and met all other requirements of this Board, shall be granted registration after they have submitted a satisfactory treatise and problem and is tentatively due on the date opposite their name:

Biddle, Robert Guy	67-311	June 5, 1968
Bowen, Richard Lee	68-9	June 5, 1968

Isley, Webb Raymond	68-47	June 5, 1968
Spinney, Eric Don	68-46	June 5, 1968
Veron, Ital Robert Ulrich	68-102	June 5, 1968
Wade, Robert Lee	68-84	August 15, 1968

IV. The following applicant who was held for the treatise on lateral forces at the September 28-29, 1968, Board meeting, Minute Page 2139, be denied for failure to complete the requirement as established by the Board within a reasonable length of time:

Murray, James Marshall, III 67-200

The Committee recommends to the Board that recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,

Kemper Goodwin
Kemper Goodwin, Chairman

[Faint, mostly illegible text, possibly a list or index of names and dates]

Chairman Vanlandingham directed that this matter be referred to a special committee for consideration, reply and report at the next regular meeting of the Board. The Chairman appointed at this time a ad-hoc committee consisting of Charles W. Newlin, Chairman, David J. Hall and N. R. Feldman.

It was moved by Mr. Dryden and seconded by Mr. Place that the following applicants are to be denied for failure to complete the requirement, as indicated, of the Board within a reasonable length of time.

Written Examination Requirement

Armer, William Allen	67-21	Engineer-in-Training
Dobrovolny, Anton D.	66-91	Civil Engineer
Fay, James W.	67-10	Engineer-in-Training
Gordon, Joseph P.	62-64	Electrical Engineer
Lester, John Stewart	67-54	Engineer-in-Training
Materi, John Steven	67-52	Engineer-in-Training
Rhodes, William Albert	66-255	Assayer
Schroeder, Curtis Vastine	66-314	Civil Engineer
Seto, Sanford K.	67-18	Engineer-in-Training
Swengle, Stanley Kennedy, Jr.	67-58	Engineer-in-Training
Weiss, Raymond	67-201	Electrical Engineer

It was moved by Mr. Goodwin and seconded by Mr. Eyring that the following applicants are to be denied without prejudice and refund at their request. Motion carried.

Hansen, Stanley Warren	66-241	Architect
Howe, Alva Cecil	66-171	Highway Engineer
Jones, Everett Earl	67-250	Geologist
Preble, Robert Emmett	61-84	Land Surveyor
Thacker, William Nathan, Jr.	66-157	Mechanical Engineer
Zimmerman, Robert T.	68-17	Engineer-in-Training

It was moved by Mr. Dryden and seconded by Mr. Eyring that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Duncan, Robert Crane	6835
Hirshen, Sanford	6853
Kemp, Thomas L.	6854

CHEMICAL ENGINEERING

Allard, Peter Frederic	6855
Lewis, Charles William	6856

CIVIL ENGINEERING

Casson, John Cotterell	6857
Copeland, Glen Kelley	6858
Craft, James William	6859
Darby, Leonard Miles, III	6860
Halwes, Don Arthur	6861
Horowitz, George F.	6862

CIVIL ENGINEERING - Cont'd.

Hysten, Wesley	6863
Krisher, Edward A., III	6864
Roll, Lionel G.	6865
Smith, Edward Carr	6866
Spencer, Raymond Dana	6867
Stetson, Jerome O.	6868
Walters, Brien Benjamin	6869
Willow, James Hayes	6870

ELECTRICAL ENGINEERING

Beumer, Richard E.	6871
Cheponis, Joseph J.	6872
Klein, Walter Eric	6873
Nietz, Malcolm Leo	6874
Snyder, John	6875

GEOLOGICAL ENGINEERING

Hatcher, Otto, Jr.

6876

GEOPHYSICAL ENGINEERING

Elliot, Charles Lothrop

6877

MECHANICAL ENGINEERINGCharley, Philip James
Kispert, Merland Baker
Sullivan, Russell Edwin

6878

6879

6880

METALLURGICAL ENGINEERINGChristian, Robert E.
Komadina, George Anthony

6881

6882

MINING ENGINEERING

Williams, Frank Edwin

6883

SANITARY ENGINEERING

Follett, Robert Henry

6884

STRUCTURAL ENGINEERINGBilman, Besim Omer
Casson, John Cotterell
Grimm, Albert Adolf
Johnson, Carl B.
Woodruff, David Howard
Wyatt, Jesse R.

6885

6886

6887

6888

6889

6890

GEOLOGYCoke, Keith James
Sharp, James Edward

6891

6892

LAND SURVEYING

Lysons, Arthur W.

6893

It was moved by Mr. Eyring and seconded by Dean Hall that the following applicants for in-training certification having completed all of this Board's requirements be granted registration and assigned the registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Brean, George Albert

718

Burrowes, Norman F.

719

Churan, Thomas M.

720

Colvin, Ronald Lee

721

Crafts, Robert Glen

722

Dant, Robert E.

723

Evans, John Austin

724

Hatch, Joseph Austin, III

725

Haymore, Howard

726

Hibbs, William L., Jr.

727

Lockheed, Allan H., Jr.

728

Love, Walter Grant

729

McLoughlin, Edward T.

730

Murphy, Dennis Robert

731

Paine, Charles John

732

Rampley, Gregory Paul

733

Ricker, Kenneth Lance

734

Storey, Michael Wayne

735

Traw, Jon S.

736

Winter, Terry Mac

737

Anderson, Clifford Eric

738

Larrington, James Kenneth

739

REPORT OF THE PUBLIC INFORMATION COMMITTEE

It was moved by Dr. Newlin and seconded by Mr. Dryden that the report, attendance and representation of the Western Zone meeting of National Council of Engineering Examinations, as per Minute Pages 2238, 2239, 2240, 2241, 2242, 2243, 2244, and 2245, be accepted. Motion carried.

REPORT OF THE BUDGET COMMITTEE

The Executive Secretary reported on a request to the Director of Finance, as per Minute Page 2246 and 2247, for the transfer of allocated funds in this fiscal year. The Finance Director's authority of this transfer is as per Minute Page 2248.

NATIONAL COUNCIL OF ENGINEERING EXAMINERS

WESTERN ZONE MEETING
Albuquerque, New Mexico
May 3 and 4, 1968

RECEIVED
JUN 12 - 1968
STATE BOARD TECHNICAL EXAMINERS

W. Morgan Allen, Director of the Western Zone, called the meeting to order at 9 a.m. May 3, 1968. Delegates from thirteen of the fourteen states were present. These states were Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming. The following represented Headquarters N.C.E.E.:

E. R. Whitehead, President
G. F. Branigan, President-Elect, and
J. H. Sams, Executive Secretary.

The Arizona delegation consisted of W. J. Edelblut, Joyce Smith, and C. W. Newlin.

The minutes of the Wilmington meeting were approved.

President Whitehead reported on the Board meeting held in Little Rock, Arkansas, and stated that a Constitutions and By-Laws Committee would continue study on qualifications for registration during 1969. Sample questions will be furnished to the state boards for release to the public.

Dr. Sams reported on past examinations and announced that it is expected that Industrial and Structural examinations will be furnished for the coming National Professional examinations. He noted that a conflict existed between the Graduate Record Examinations and the National Professional Examinations, and that an effort must be made to avoid this conflict in the future.

President-Elect George Branigan voiced his concern that two-thirds of the engineers are not licensed, and suggested that state boards consider modification of existing laws to overcome this problem. He felt the technical society² should get involved in establishing favorable registration laws.

Under Unfinished Business, Mr. Orland C. Mayer distributed the drafts of the Procedures and Policies Committee for consideration. A motion was approved that a procedural outline was desirable for the Western Zone Meetings. This outline, together with corrections, is attached to this report.

Leo W. Ruth submitted the report of the Nominations Committee, which was approved by unanimous ballot as follows:

President-Elect, W. M. Allen, Oregon

Director, G. K. Borg, Utah.

Mr. Henry J. Ochs reported that the Annual Meeting of the N.C.E.E. will be held in Denver, Colorado, from August 26-30. The meeting location will be the Brown Palace Hotel.

Jack J. Koogler, New Mexico, and Robert W. Millard, Nevada, discussed changes in the model law. State boards will be asked for their comments concerning these changes.

Robert W. Henderson, President Whitehead, and Director Allen discussed the problem of increasing registration of engineers. The registration of engineers in industry was emphasized. Director Allen reported on a meeting that was held with representatives of industry to discuss registration. The following proposal evolved:

1. Broaden the scope of the E.I.T. to include the third and fourth year curriculum. Parts I and II would be eliminated for those with 15-20 years of experience.

2. Registration would be granted on the basis of an oral exam after the applicant had completed four years of professional work. This oral exam would be given by a committee made up of specialists in the field of the applicant's specialty. No written exams would be required beyond those given at the time of graduation.

Considerable discussion evolved from the above recommendations, but no conclusions were reached. It was moved, seconded, and approved that a committee be appointed to study registration requirements and procedures.

Ruth, Sutton, and Newlin reported on recent revisions to registration laws in their respective states.

It was moved, seconded, and adopted that the Western Zone boards encourage and promote the fundamentals examination and Professional Engineering examination wherever possible, and that in the interests of security the examinations be held on the release dates issued by N.C.E.E.

McClellan, Oregon, stated that Oregon State now has a four-year program in engineering technology, and discussed the details of that program. After considerable discussion Director Allen appointed the following committee to study and make concrete suggestions on the problems arising from the technology degree: McClellan, Oregon; Stout, Montana; Newlin, Arizona; Bromilow, New Mexico; Sutton, Nevada.

President-Elect Branigan reported on the 1968 Goals Report.

It was moved, seconded, and adopted that the 1969 Western Zone Meeting be held in Portland, Oregon.

After numerous resolutions of thanks, etc., of the Resolution Committee were approved, the meeting was adjourned at 12:00 noon, Saturday, May 4.

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin

WESTERN ZONE MEETING
Albuquerque, New Mexico
May 2-3, 1968

The following report has been prepared in accordance with instructions to our committee. These instructions were to prepare a preliminary draft for "Procedures and Policies for the Western Zone." We endeavored to secure a statement of past policies but were unable to ascertain definite information that policies had been established. In many cases opinions were secured from Board Members but it could not clearly established that these were official policies. A complete set of minutes of past meetings were not available. The Committee, therefore, recommends that if such policies are desirable, a further study should be made.

The following report is submitted as an outline for discussion and will quite probably be considerably altered to meet the wishes of Board Members.

Respectfully submitted by the Committee on Procedures and Policies
Recommendations.

- Orley W. Phillips - Colorado
- Arnold L. Henny - Oregon
- Orland C. Mayer - Idaho, Chairman

WESTERN ZONE

NATIONAL COUNCIL OF STATE BOARDS
OF ENGINEERING EXAMINERS
Statement of Procedures and Policies

I Meetings

A - Time of Meetings

A general Zone meeting designated as the Meeting, shall be held during the month of May each year, preferably on a Friday and Saturday.

(NCEE) A Zone meeting, designated as the Zone Annual Meeting, shall be held during the NCSBEE-Annual Meeting at the time and place specified by the National Council for such meetings.

B - Quorum

A quorum for the transaction of business at Zone meetings shall be delegates from not less than **seven** member Boards of the Zone.
(eight)

C - Presiding Officer

The Director of the Zone shall preside at Zone meetings. In the event of his absence, the Director shall designate a member of **the** Board of the Zone to preside.
(a)

D - Order of Business

The Director, with the assistance of the host Board for the Zone Meeting, shall be responsible for the meeting programs. The conduct of business sessions shall be based on the provisions of the constitution of the National Council of State Boards of Engineering Examiners, insofar as applicable voting being recorded by member Boards, not by the individual Board members.

The normal order of business for meetings shall be as follows:

1. Meeting called to order by the Director.
2. Roll call of member boards.
3. Introduction of special representatives and guests.
4. Approval of minutes of the last meeting.
5. Reading of communications.
6. Appointment of ~~special~~ committees (Resolutions, Meetings, Etc.)
7. Unfinished business.
8. New business.
9. Reports of committees.
10. Presentations of proposed Zone policy statements.
11. Resolutions.
12. Selection of next meeting place.
13. Election of officers.
14. Adjournment.

E - Minutes

The recording and printing of Zone Meeting proceedings shall be the responsibility of the Zone Secretary and the Director. Distribution of the minutes shall be made to each Board in the Zone.

II Officers

(The Director)

Officers shall be nominated and elected as indicated in Article III, Paragraph A, Nominating Committee.

A - The Director shall:

1. Be the administrative officer of the Zone.
2. Shall be the official spokesman and representative of the Western Zone to the National Council.
3. Preside at all meetings.
4. Appoint all committees.
5. Present Zone reports, including a statement of Zone Policies adopted, to the National Council.
- (6. Shall not be in conflict with National Council's Constitution & By-Laws.)
- (7. Director shall appoint a Secretary.)

B - Secretary

The Secretary of the Zone shall:

1. Keep and maintain records of all records of all Zone Meetings.
2. Assist in editing the material to be included in the proceedings of the Zone Meetings.

3. Arrange for recording and printing of the minutes of the Zone Meetings.
4. Keep and maintain records of all special meetings.
5. Keep and maintain records of all Zone Policy Statements and place them in the proceedings of the Meeting (and maintain a special file as hereinafter provided).
6. Assist the Director of the Zone in the general conduct of his office.
7. Maintain a record of the order of past Zone Directors and meeting places.
8. Hold and report on all funds of the Western Zone and disburse such funds as allocated by the Director by signed voucher.

III Regular Committees

A - Nominating Committee

1. The Director shall appoint the nominating committee prior to the Annual Zone Meeting. (shall select the nominee)

(Discussion: Any limitations on who shall or shall not serve on this committee.)

B - Resolutions Committee

The Director shall appoint a resolutions committee consisting of not less than three members in attendance, at the beginning of each Zone Meeting. This committee shall prepare suitable resolutions for action by the meeting before adjournment.

C - Special Committees

Special Committees as required or as instructed by Board action shall be made by the Director. These committees shall prepare the reports on subjects deemed suitable for study and promotion by the Director and or the Board.

IV Financing Zone Activities

A - Zone Meeting Expenses

~~The cost of conducting the Zone Meeting is the joint financial obligation of the Western Zone and the hosting Board.~~

The Zone Director, Zone Secretary and the hosting Board will fix the registration fee as required for the needs of the meeting. The registration fee shall be adjusted to prevent the accumulation of an excessive amount in the Zone balance, but any profit or loss arising from the Zone Meetings shall be assumed by the Zone.

B - Zone Meeting Proceedings

The cost of recording, editing, printing and distributing the combined proceedings of the meeting and preceding Annual Meeting of the Western Zone shall be a responsibility of the Zone ~~and not the host Board.~~

~~An invoice for this proceeding publication shall be sent to each Board by the Secretary of the Zone.~~

A minimum of X copies of the Proceedings shall be supplied to each Board.
(one copy per Board member and secretary unless otherwise requested)

(Discussion: Number of copies to be supplied to each Board.)

V Proposed Zone Policy Statements

A - Any Member Board or a member of such Board desiring to place before the Zone, a Zone Policy Statement for action by the Zone, may do so at any meeting. If possible such policy statements should be submitted to the Director prior to the meeting for inclusion in the program. The Zone Director may propose at his own discretion and place on the agenda such policy statements as he may deem advisable.

B - If the proposed Zone Policy is accepted and approved by the Zone, the Secretary shall place it in his record of such statements and include it with such recorded statements in the proceedings of the meeting at which it is approved or add it as an amendment to this "Statement of Procedures and Policies" in accordance with its content.

C - The Secretary shall maintain a permanent record of all Zone Policy Statements. These shall be maintained in a special file entitled "Statement of Procedures and Policies."

(Discussion: Should a search be made of previous minutes to determine past Procedure and Policy Statements.)

OCM:bd
5/2/68

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION 02216

June 5, 1968

Mr. Donald L. Olson, Exec. Adm.
Finance Department
State Capitol
Phoenix, Ariz. 85007

Dear Mr. Olson:

To confirm conversations with you and Mr. Vanlandingham, Chairman of the Board, attached please find a table showing the amount of money we will have unencumbered as of June 20, 1968, and how we propose to transfer these unencumbered funds, as per authority under Chapter 42, House Bill 248, of the 28th Legislature.

The reasons for requesting authority to transfer these funds are because of the following anticipated expenditures:

- a. Professional Services - grading of final sections of the examinations is anticipated to total \$95.00 and transfer is needed.
- b. Other Current Expenditures - the transfer of \$746.74 would cover anticipated expenditures of the National Council of Architectural Registration Boards' examinations, telephone for the period ending June 30th, postage as required at conclusion of the Board meeting and other miscellaneous supplies.
- c. Travel - State - transfer of \$600.00 will permit the Board members to be reimbursed, as per the Statutes for a regular Board meeting, established in the rules for June of each year.

The items from which these funds are to be transferred is made possible due to a reduction in Out of State Travel expenses, a reduction in Capital Outlay anticipation and transfer of Current Fixed Charges which was allocated by the legislature in special appropriation but not required where assigned.

We sincerely hope that your office will assist this agency in permitting these transfers.

Very truly yours,

Walter J. Edelblut, Jr.
Executive Secretary

cc: M. L. Vanlandingham
Margaret Griffith, Deputy Auditor

Attachment

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

Line Item	Unencumbered Balance Each Line Item as of June 20, 1968	Amount to be Transferred FROM Each Line Item	Amount to be Transferred TO Each Line Item	TOTALS AFTER TRANSFER
Personal Services	- 0 -			- 0 -
Professional Services	20.60		75.00	95.60
Other Current Expenditures	105.60		746.74	851.80
Capital - State	1.26		600.00	601.26
Capital - Out of State	160.52	160.52		- 0 -
Current Fixed Charges	654.22	654.22		- 0 -
Total Outlay	607.00	607.00		- 0 -
TOTALS	\$1,548.66	\$1,421.74	\$1,421.74	\$1,548.66



STATE OF ARIZONA
 JACK WILLIAMS, GOVERNOR
 DEPARTMENT OF FINANCE
 THE CAPITOL • PHOENIX, ARIZONA 85007

June 20, 1968

DIVISION DIRECTORS
 G. C. HODGES
 ACCOUNTS AND CONTROLS
 DONALD L. OLSON
 BUDGET
 GEORGE C. LEIPHART
 PLANNING
 SOLON A. BENNETT
 PURCHASING

RECEIVED

JUN 24 1968

STATE BOARD OF TECHNICAL REGISTRATION

Mr. Walter J. Edelblut, Jr.,
 Executive Secretary
 State Board of Technical Registration
 3550 North Central Ave., Suite 408
 Phoenix, Arizona 85012

Dear Mr. Edelblut:

Based on the information supplied in your letter of June 5, 1968, requesting a transfer of funds from one class or subclass of expenditures to another, and under the authority granted to the Department of Finance by Section 35-173, Arizona Revised Statutes, (Chapter 42, 28th Legislature, 2nd Regular Session), the following transfers are approved, subject to availability of funds provided by Subdivision 81, Chapter 134, 1967 Session Laws.

State Board of Technical Registration

<u>Transfer From</u>		<u>Transfer To</u>	
Travel - Out of State	160.52	Professional Services	75.00
Current Fixed Charges	654.22	Other Current	
Capital Outlay	<u>607.00</u>	Expenditures	746.74
		Travel - State	<u>600.00</u>
	<u>1,421.74</u>		<u>1,421.74</u>

Very truly yours,

T. G. Hawkins

T. G. Hawkins
 Commissioner of Finance

TGH:em

cc: The Honorable Jewel W. Jordan
 State Auditor

The Honorable Thomas M. Knoles, Jr.
 Chairman, Joint Legislative Budget Committee

Report of the Budget Committee meeting of June 20, 1968, N. R. Feldman, Chairman, was submitted, as per Minute Page 2250. It was moved by Mr. Goodwin and seconded by Mr. Place that the Board accept and implement the Budget Committee's report. Motion carried.

The tentative allocations referred to in the above report are as per Minute Page 2251.

REPORT OF GRIEVANCE COMMITTEE #1

It was moved by Mr. Dryden and seconded by Dean Hall that the Board accept and implement the actions covered in Grievance Committee #1 meeting of June 20, 1968, as per Minute Pages 2252 and 2253. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #2

There were no assigned grievances and no meetings were held since the March meeting of the Board, consequently, no report.

REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

As directed at the March meeting of the Board, the Executive Secretary reported on proposed letters to alleged violators of the Technical Registration Act by nonregistrants. The form letter from the Attorney General with his recommendations of April 24, 1968, were discussed. It was moved by Mr. Girand and seconded by Mr. Place that the form letter provided by the Attorney General be adopted and sent to nonregistrants. Motion carried.

As directed at the March meeting of the Board, the Executive Secretary submitted a letter to applicants notifying them of the personal audience and evaluation committee appearance, strongly urging them to study the Technical Registration Act. Sample letter was submitted to the Attorney General for approval and approval was indicated.

Mr. N. R. Feldman, Chairman of the Special Office Procedures Committee, made a report of its meeting on June 20, 1968, in Flagstaff, Arizona. This committee's report covered recommendations of larger quarters, data processing, microfilming, examination library and the Post Auditor's report. It was moved by Mr. Girand and seconded by Dr. Newlin that the report be accepted and referred to the Legislative Committee for study. Motion carried.

The Executive Secretary reported there was additional information regarding the lease of the office which expires November 1, 1968. The report indicated that additional space was required and was not available immediately adjacent to the present office area, and that a tentative lease on the existing area was presented for information. It was moved by Mr. Girand and seconded by Mr. Goodwin that no action be taken on re-leasing the existing area at this time and that the Executive Secretary conduct a search for larger, and, if possible, cheaper quarters, reporting to the September meeting of the Board. Motion carried.

BUDGET COMMITTEE -- ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

JUNE 20, 1968 - FLAGSTAFF

N. R. FELDMAN - KEMPER GOODWIN - JOHN GIRAND

All Board members have received copies of our Tentative Allocations of 1968 - 1969 appropriations as prepared by our Executive Secretary.

Please note his comments as to how and under what authority we may be compelled to allocate "Other Current Expenditures."

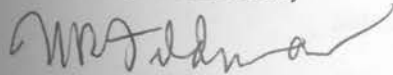
The 1969-1970 Budget Request is being asked for early in September. However, no forms, no outlined procedures and no guidelines are yet available.

We now request authorization for our Budget Committee to prepare and submit the 1969-1970 Budget Request when the instructions are forthcoming before the next Board meeting in September.

We further request authorization to our Budget Committee and our Office Procedures Committee, they being willing, to ask for a deficiency appropriation covering:

- 1. Enlarged quarters rental
- 2. Microfilming - capital and operating expense outlay.
- 3. Annual directory - capital and operating expense outlay. We also ask the Board to briefly review our renewal, application and examination fees and,
 - a. To direct our Legislative Committee to push the legislature for increases in same.
 - b. To impress the legislative powers that be we are now saddled with additional expense and responsibilities on having acquired landscape architecture registration.

The U. S. dollar doesn't buy nearly as much now as it did when these fees were established.

Respectfully submitted,


N. R. Feldman
Chairman

TENTATIVE ALLOCATIONS OF 1968-1969 APPROPRIATIONS

PERSONAL SERVICES

Executive Secretary	\$15,000
Office Manager	5,800
Secretary I	4,800

Total Amount Appropriated \$25,600.00

OTHER CURRENT EXPENDITURES

Total Amount Appropriated \$25,178.00

Estimated Expenditures:
Variable Current Expenditures

211 Postage	\$2,400
212 Telephone	1,200
260 Maint. & repair	200
293 Cleaning & waste	50
295 Railway Express	50
296 Annual Report	3,000
299 Miscellaneous Services	3,800
310 Office Supplies	3,000
370 Const. Maint. Supplies	38
390 Other supplies	<u>60</u>

Subtotal \$13,798

220 State Travel	\$2,500
230 Out-of-State Travel	1,000
240 Professional Services	<u>1,000</u>

Subtotal \$ 4,500

Fixed Current Expenditures

411 Rent Equipment	\$ 100
413 Rent - Office	3,050
417 Rent - Other Offices	100
425 Employer - Retirement	1,280
427 Employer - OASI	850
430 Dues & Subscriptions	<u>1,200</u>

Subtotal \$ 6,580

930 Refunds \$ 300

610-660 Capital Outlay - 0 -

TOTAL ESTIMATED & APPROPRIATED FOR OTHER CURRENT EXPENDITURES \$25,178.00

TOTAL APPROPRIATED 1968-1969 \$50,778.00

DATE: June 20, 1968

TO: State Board of Technical Registration
 FROM: Grievance Committee #1
 SUBJECT: Grievance Committee #1 Report of June 20, 1968

The following is a report of the meeting held June 20, 1968, beginning at 9:00 A.M. in the Administration Building of Northern Arizona University, Flagstaff, Arizona. The committee members present were:

C. W. Dryden, Chairman
 Carl T. Eyring
 John Girand
 Kemper Goodwin
 Charles W. Newlin

The first item of business was a discussion with Mr. Robert M. Williams, Jr., a registered Land Surveyor, No. 4123, regarding his advertising on company checks, cards, letterheads and newspaper articles submitted by others, inferring that his company provided engineering services. Mr. Williams explained that his operation was a partnership with Donald H. Collar, registered Civil Engineer, No. 1873, and that no violation of the Technical Registration Act was intended. After considerable discussion with Mr. Williams, he was asked to leave the room at which time the members further discussed this situation. Mr. Williams was then called back into the room and at the request of the Committee Chairman, the Executive Secretary informed Mr. Williams that he was in violation of the Technical Registration Code, Rules and By-Laws and the Committee suggested that he take steps to correct the situation so that his operation fully complied with the word and intent of the Statutes. It was a further desire of the Committee that Mr. Williams have such reorganization as was needed within thirty calendar days and notify the Board of his actions.

The Committee then discussed a complaint under oath from Guirey, Srnka and Arnold regarding Mary Moppets, Inc., schools and an apparent plagiarism or misconduct on the part of Stefan Ryciak, registered Architect, No. 4423. It was moved by Mr. Girand and seconded by Mr. Eyring that the Grievance Committee #1 invite Mr. Ryciak to its next meeting for the purpose of discussing the similarity between the plans for the Montessori Systems Day School and those prepared by Guirey, Srnka and Arnold for Mary Moppets, Inc. Motion carried.

Mr. Goodwin reported that the item regarding Bert Thorud, registered Architect, was not sufficiently investigated for a report at this time and suggested it be held for a future meeting of the Grievance Committee.

A discussion was held on the following complaints which were referred back by the County Attorney, Attorney General and the Board to this Committee:

1-67-05-01	Hunt, Kelly
1-67-05-02	Stark, G. W.
1-67-05-03	Carlson, George O.
1-67-05-04	Roosen's Design Service

Discussion followed regarding these individuals and what action this Committee should recommend to the Board in each instance. It was moved by Mr. Goodwin and seconded by Mr. Eyring that the committee recommend to the Board that a letter be written as approved by the Attorney General to each of these individuals notifying them of the apparent violation, their nonregistration, and that the Board was continuing investigation for future alleged violations. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Newlin that clarification of the procedures involving nonregistrants was required and every effort to speed up Grievance Committee actions to process complaints is needed. The Grievance Committee should schedule this item for the next meeting. Motion carried.

The Executive Secretary reported that investigation was not complete on the following complaints and recommended that they be continued:

Lane and Swensom #1-67-10-11

Desert Lawn Memorial Mausoleum

Health Department complaint on nursing home in Havasu City, Arizona

It was moved by Mr. Girand and seconded by Mr. Eyring that the above complaints be continued for further investigation. Motion carried.

On a Xerox copy of an advertisement of William A. Rhodes, the Committee recommends that no action could be taken.

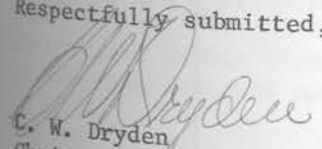
On the matter of the advertisement of BB Engineering, the Executive Secretary was directed to answer Mr. Flynn's letter and continue the investigation of BB Engineering.

Letter from Engineering Corporation of America regarding the use of an out-of-state firm using a firm name in Arizona was discussed. It was moved by Dr. Newlin and seconded by Mr. Goodwin that the matter be held in abeyance for further investigation. Motion carried.

Mr. William Keller, registered Electrical Engineer, was scheduled to appear at this time for discussion with the Grievance Committee but was unable to do so.

A complaint from Acme Neon Sign Company against Donald Burns Bauer, registered Architect, No. 4908, was presented by the Executive Secretary to the Grievance Committee. It was moved by Mr. Girand and seconded by Dr. Newlin that the Committee take notice of the complaint and acknowledge same, and hold the matter in abeyance for further information. Motion carried.

Respectfully submitted,


C. W. Dryden
Chairman

REPORT OF THE EXECUTIVE SECRETARY

The Executive Secretary submitted for the Board's information the Cash Flow Report #4, for the period ending June 7, 1968, Minute Page 2255.

The Executive Secretary further reported that Arizona in line with the requirements of the Western Conference of State Architectural Registration Boards was using a common structural design treatise and problem calling for the 1967 edition of the Uniform Building Code as approved, reference based upon a problem in Seismic Zone 3.

The Executive Secretary reported further that in line with the proposed rule change of the examination cost to applicants, there was an increased cost for examinations purchased from the National Council of Architectural Registration Boards, effective December, 1968.

The Executive Secretary reported on a chart tabulating response to questions from the Secretary of the Western Conference of State Architectural Registration Boards, indicating that responses from Arizona were needed. These needed responses were discussed and the Executive Secretary was directed to reply.

The Executive Secretary reported that Arizona had waived the Western Conference Executive Committee meeting in Phoenix in September, 1968, in favor of Denver, Colorado, as Mr. Boker of Colorado Board is now Chairman. It is assumed that Arizona will host this Executive Committee when an Arizona member becomes Chairman of the Western Conference.

The Executive Secretary submitted to the Board the Post Auditor's report of the financial operations of the Board for the two-year period ending June 20, 1967, calling the members' attention to the certain recommendations therein. It was moved by Mr. Place and seconded by Mr. Dryden that the Post Auditor's report be noted. Motion carried.

READING OF COMMUNICATIONS

A request from John J. Rupnik, Vice-President, Oklahoma Section of the American Institute of Professional Geologists, was read. The letter requested that the Board provide a speaker for their annual convention September 14th in Tulsa, Oklahoma, with AIPG reimbursing travel expenses. It was moved by Mr. Place and seconded by Mr. Goodwin that if the Executive Secretary's duties did not interfere with his attendance at this meeting, he be authorized to go. Motion carried.

Letter to the Chairman from J. Pitts Jarvis, President-Elect, Cochise Chapter of Arizona Society of Professional Engineers, was read and the Executive Secretary was instructed to reply.

Letter from Rushia Glen Fellows, architectural applicant, #59-14, addressed to the architectural members of the Board was relayed by the architectural

Report #4

CASH FLOW REPORT - Fourth Quarter

Balance on Deposit as of July 1, 1967 - \$16,413.68

DATE: June 7, 1968

Total Deposits to Date - \$56,912.15

Total Appropriated Receipts to date - \$51,220.93

Unencumbered balance as of this report date - \$21,563.14

Line Items	Appropriated Annually	Appropriated each Quarter	Amount Spent To Date	Balance for Year
Personal Services	\$22,600.00	\$5,650.00	\$21,658.40	\$ 941.60
Current Expenditures - Other	\$12,200.00	\$3,050.00	\$11,994.94	\$ 205.06
Travel - State	\$ 2,300.00	\$ 575.00	\$ 2,198.74	\$ 101.26
Travel - Out of State	\$ 2,200.00		\$ 2,039.48	\$ 160.52
Capital Outlay - Equipment	\$ 650.00		\$ 43.00	\$ 607.00
Current Fixed Charges	\$ 6,880.00		\$ 6,048.76	\$ 831.24
Professional Services	\$ 2,000.00		\$ 1,979.40	\$ 20.60
Refunds	\$ 200.00		\$ 195.75	\$ 4.25
TOTALS	\$49,030.00		\$46,158.47	\$2,871.53

members of the Board to the Board with the comment that no change of Mr. Fellows' examination status was recommended.

The following concerning a ruling of the Supreme Court of Washington was read to the Board for their information:

"State Court Upholds Licensing Board's Right to Consider Esthetics

"The Supreme Court of the State of Washington upheld the Architect Licensing Board's denial of a certificate of registration to an applicant because his two examinations did not meet the Board's established design standards. The applicant charged that the Board 'had been arbitrary and capricious because it judged (his) examination designs upon subjective considerations involving aesthetics, individual taste, and discretion, rather than upon the objective standards of safety and health...'

"The Supreme Court disagreed, noting that Washington State law allows the Board to consider 'the aesthetic or structural design of private or public buildings.' The court rejected claims that the Board had been arbitrary since it graded the applicant's examination under an unidentified number and gave it the same consideration as other examinations."

The Executive Secretary presented to the Board for their information a letter from L. E. Johnston of Sverdrup & Parcel and Associates regarding their practice in Tempe, Arizona.

The Executive Secretary advised that other states were having problems with the previously established Fundamentals of Engineering examination dates due to the Graduate Record Examination. This office advised the National Council of Engineering Examiners that Arizona could accept any date selected if notified at least 90 days prior thereto.

UNFINISHED BUSINESS

Dean Hall reported on an article published in Mining Engineering, April, 1954, which was a comprehensive set of guidelines for the registration of Geophysical Engineers which are attached as Minute Pages 2257, 2258, 2259, 2260, 2261 and 2262.

NEW BUSINESS

It was moved by Mr. Eyring and seconded by Dr. Newlin that Mr. Dryden be appointed delegate to attend the National Council of Engineering Examiners annual meeting, August 27 - 30, 1968, in Denver, Colorado, and that Mr. Feldman be appointed first alternate. Motion carried.

WHAT DIFFERENTIATES THE GEOPHYSICAL ENGINEER?

by James B. Macelwane, Dean
St. Louis University

(Mining Engineering, April 1954)

What characterizes a geophysical engineer and sets him apart from all other engineers? This is a question that is important not only for accrediting purposes but is assuming increasing importance in the licensing of professional geophysical engineers by state boards.

What is the basis of distinction of one type of professional engineer from another type is answered in part by the need which brought each type into being precisely because that need could not be satisfied by pre-existing types and which nevertheless demanded the special outlook, training and abilities of an engineer. The need which called for the civil engineer was the adaptation to the tasks of civilian life of the capabilities developed by the military engineer for the design and construction of roads, bridges, dams, carthworks, military buildings, and other structures and of mechanisms required by military operations.

With the advent of steam power the mechanisms became vastly more complicated and the result was the splitting off of the mechanical engineer who added specialization in thermodynamics to the civil engineer's competency in properties and strength of materials and hydraulics. Again the development of electrical power required a new type, the electrical engineer with mathematical training and ability to apply the theory and physics of potential and force fields and vectorial relations to electric machinery and power transmission lines with their waves and transients. Into this picture came the development of atomic physics, the advent of the electron tube and the requirement of proficiency in network theory and electronic circuitry which threatened a dichotomy of electrical engineers into power engineers and electronic engineers. The appearance of the transistor suggests further complications.

In the meanwhile the chemists were not idle. A need soon arose for chemical development and manufacture on a full industrial scale with all the problems of process and plant design and operation in a regime of intense competition. The industrial chemist found himself saddled with much of mechanical engineering and became a chemical engineer. The development and exploitation of a known oil field placed requirements that could not be satisfied by the petroleum geologist, the chemical engineer or the mechanical engineer. The result was the emergence of the petroleum engineer. And so the special needs have called into existence each of the other types of professional engineer.

In every instance it was not a question of greater specialization within the field of competency of an older type of engineer, but of a new and quite different requirement that called for the new type.

Such is the history of engineering. On the one hand there had arisen a crying need and on the other hand there had accumulated a body of scientific knowledge discovered by basic research which awaited only the skilled hand of a new engineer who could apply that knowledge to fill the need.

With the dawn of the third decade of the twentieth century, the geophysical science began to develop at an accelerated pace, stimulated by the needs of World War I and the availability of new tools supplied by electronics. At the same time the old methods of exploring buried deposits and structures were approaching an economic limit in many areas. There was need for a new approach to the problem of exploration and it was found and applied with success by a new type of engineer, the geophysical engineer, who was able to devise economical applications of most of the geophysical sciences to exploration.

By the third decade of the present century nearly all the oil fields in the U. S. with good surface indications had been found. At this juncture the geophysical engineer began to appear on the scene with his ability to design geophysical apparatus and to devise economically feasible procedures for the location of deeply buried and hidden oil traps, such as salt domes, anticlines, faults, old shore lines and reefs, by means of observational anomalies in the potential and force fields above them, or echoes from them. Only in recent years has the same need been recognized in the mining industry and the geophysical engineer been called into cooperation with the mining engineer and geologist.

In many localities commercial deposits of sand, gravel, limestone are at a premium because they do not appear at the surface and are limited in extent. The geophysical engineer is called upon for the design of procedures and apparatus for the discovery and mapping of such deposits at a cost that permits their exploitation at a profit. The quarrying and strip mining industries must know the depth and character of the overburden that is to be removed from a given prospect before they can decide whether it can be worked at a profit.

Core drilling to any considerable depth is slow and costly. The geophysical engineer can reduce drilling to a minimum while furnishing the same information more continuously, more rapidly, and at a small fraction of the cost. The same is true of highway routes, bridge and dam footings, and building foundations. Where water supplies are limited, the geophysical engineer can devise ready methods of locating perched water tables, tracking buried gravel trains, and stream beds, and artesian aquifers at costs that are not prohibitive. Determining by actual measurement and analysis of the vibrations caused by blasting the limiting strength of charge that is harmless to surrounding structures is a problem that is readily solved by the geophysical engineer. The same is true of vibrations that are due to certain industrial operations. One of the most recent calls for the ingenuity of the geophysical engineer is the distinction between disturbed and undisturbed ground and the outlining of cavities in archeological exploration.

SUMMARY

The geophysical engineer is characterized by his ability to apply not only general scientific principles but specifically the geophysical sciences to the design, construction, and calibration of suitable geophysical equipment; to plan and execute discriminating application of these sciences and their instrumentation to problems of exploration for commercially valuable subsurface deposits of petroleum, ores, and other minerals; to the location of water supplies; to the delimitation and characterization of bed rock and overburden; and to the measurement and analysis of industrial vibrations and their structural effects. He is characterized by his ability to forecast the performance of geophysical instruments and procedures under the limitations imposed by their design and

the circumstances of their application; to estimate with accuracy the cost of the operation and to adjust the procedure to the justifiable outlay in view of immediate or long range returns; and to do all this in full consideration of human relationships and of safety to life and property.

THE DIFFERENTIATING CHARACTERISTICS OF GEOPHYSICAL ENGINEERING

General Characteristics

All engineering curricula include some general features that are common, such as:

1. Basic science--mathematics, physics, chemistry.
2. Applied science--mathematics, thermodynamics, strength of materials.
3. Engineering courses proper to the specific field of engineering.
4. General and nontechnical
 - (a) Humanities--English, philosophy, psychology, history.
 - (b) Economic subjects--management, accounting, labor relations.

Special Characterizing Features

I. Additional sciences basic to geophysical engineering:

- (a) Geology--physical, petrographic, stratigraphic, structural.
- (b) Geophysics--
 - (i) Geodesy--gravity potential field and force fields, components, earth figure, densities, isostasy, anomalies.
 - (ii) Geomagnetism--scalar and vector potential fields, force fields, variation, and anomalies, magnetic properties of materials.
 - (iii) Geoelectricity--potential and force fields, earth currents spontaneous polarization, ionosphere, upper atmospheric phenomena.
 - (iv) Seismology--earthquakes, stress and strain fields, elastic wave theory, shock waves, vibrations, microseisms.
 - (v) Meteorology--atmospheric structure, thermodynamics and hydrodynamics, circulation, air mass analysis, fronts, boundary waves, inversions and turbulence, vortexes, jets, microbaroms and microbarisms.
 - (vi) Hydrology--hypogene and epigene free and bound water, vapor, precipitation cycle, water table and run off, floods and conservation, hydrometeorology.
 - (vii) Oceanography--tides, currents, waves, tsunamis.
- (c) Mathematics--differential equations, theory of potential, vector analysis.

II. Engineering auxiliary to geophysical engineering proper:

- (a) Basic--surveying, drafting, machine tools.
- (b) Electrical--ac and dc power--electronic circuits.
- (c) Civil--hydraulics, cartography.

III. Elements of Design and Construction:

(1) Instrumentational design and construction.

- (a) Sensing elements--pickups, zero--length and temperature-compensated springs, distortionless magnetic fields, quartz frame and spring systems, coupling antennas, cables.
- (b) Transducers--mechanical-optical, electromagnetic, piezoelectric.
- (c) Amplifiers--electronic, transistor.
- (d) Recording systems--photographic, mechanical, magnetic.
- (e) Timing systems--oscillators, fork and crystal controls, flash tubes, disks.
- (f) Mobility units--truck, boat, manpower, swamp buggy.
- (g) Power drills--drill trucks, drilling mud.
- (h) Water tanks, pumps.
- (i) Explosives--choice, storage, transportation, use, safety devices, caps.
- (j) Firing circuits, blasting machines.
- (k) Communications--field telephone, radio.
- (l) Surveying equipment--on land, over water--shoran systems--photogrammetric devices--sound.
- (m) Magnetometers--field balances, ratiometers, dip needles, superdips, airborne units.
- (n) Resistivity apparatus--radiators, Gish-Rooney, Megger, field meters, electrodes, porous pots.
- (o) Gravity meters, torsion balances, automatic controls.
- (p) Geiger, Geiger-Mueller counters and loggers.

(2) Planning exploration.

- (a) Assembling known data--geographical, geophysical, climatological--maps.
- (b) Choice of geophysical methods
 - (i) Electrical--resistivity, self-potential.
 - (ii) Magnetic--vertical, horizontal, total--ground or airborne.
 - (iii) Gravitational.
 - (iv) Seismic--reflection, refraction.
 - (v) Electromagnetic--high, low frequency.
 - (vi) Chemical--soil, gas.
 - (vii) Radioactivity.
- (c) Choice of motorized equipment--trucks, marsh, buggies, boats, tracked motors, sleds.
- (d) Adjustment of plan to working conditions--land, water, marsh, ice, tundra, forest, desert, mountains, jungle.

- (e) Selection of personnel--technical, nontechnical, supervisory.
- (f) Planning of housing and maintenance.
- (g) Provision of safety measures.

IV. Elements of operation:

- (1) Assignment of field and office duties of personnel.
- (2) Selection of unit spacing and most effective procedure of field operation.
 - (a) Seismic--
 - (i) Deep exploration--shot hole locations, spread layouts, marking determination and satisfaction of local requirements, finding out best local procedure in field and office analysis, completion of report and structure maps--care of explosives.
 - (ii) Shallow exploration--finding of required spreads.
 - (b) Magnetic--
 - (i) Ground work--location of base stations, fixing of station net, diurnal variation, regional anomaly, ground sampling and measurement of magnetic susceptibility--computation.
 - (ii) Airborne--plan of flights (height and spacing), provision of weather forecasts, planning strip photography and identification--computation--interpretation.
 - (c) Gravity--choice of traverses and station spacing--mapping and leveling--free air and Bouguer corrections--densities--regional gradient--computation--interpretation.
 - (d) Electrical--
 - (i) Location of polarized orebodies by self-potential--selection of electrode type and spacing--elimination of alternative possibilities.
 - (ii) Location by resistivity anomalies--determination of horizontal extent and depth of orebody exploring by Wenner, Lee, or other configuration, using traverses and soundings.
 - (iii) Exploration of bed rock and overburden--find water table and characteristic resistivities of exposed materials, choose configuration and spacing on traverse and sounding.

- (iv) Location of water supply, or of sand, gravel, or other nonmetallic mineral deposits by resistivity.

V. Elements of prediction:

- (1) Forecast of overall return or of dollar value to client of information if obtainable.
- (2) Forecast of information obtainable by the available geophysical methods and instrumentation.
- (3) Calculation of unit cost of application of each geophysical method to the solution of the client's problem.
- (4) Determination of the limits of allowable cost in view of returns, and of the procedure required to secure the most information for least cost within the economic limits.
- (5) Detailed budgeting for:
 - (a) Capital--expenditures--amortization, depreciation, obsolescence.
 - (b) Expense--salaries, repairs, maintenance, supplies.

It was moved by Mr. Eyring and seconded by Mr. Place that the Engineering Evaluation Committee meet on September 4, 5 and 6, 1968. Motion carried.

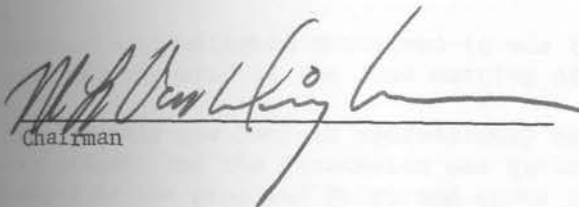
It was moved by Dr. Newlin and seconded by Mr. Dryden that the Landscape Architectural Evaluation Committee meet on September 11, 1968. Motion carried.

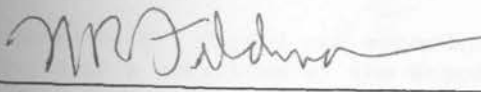
It was moved by Mr. Place and seconded by Mr. Eyring that the Architectural Evaluation Committee meet on September 12 and 13, 1968. Motion carried.

It was moved by Mr. Feldman and seconded by Mr. Goodwin that the next regular meeting of the Board be held in Phoenix, Arizona, on September 19 and 20, 1968. Motion carried.

ADJOURNMENT

There being no further business to come before the Board, the Chairman announced that the meeting was adjourned at 5:00 P.M., June 21, 1968.


Chairman


Secretary

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
September 19 - 20, 1968

02264

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in the Auditorium, 2nd Floor, United Bank Building, Phoenix, Arizona, at 9:05 A.M., September 19, 1968.

Chairman Vanlandingham welcomed Messrs. Cassidy and Gonzales to the Board as new members.

ABSENT

PRESENT

M. L. Vanlandingham, Chairman
N. R. Feldman, Vice-Chairman
Earle M. Cassidy
C. W. Dryden
John Girand
Bennie M. Gonzales
David J. Hall
Charles W. Newlin
Lew Place
Joseph E. Clifford, III, Asst. Atty. Gen.

It was moved by Dr. Newlin and seconded by Dean Hall that the minutes of the meeting of the Board on June 20 and 21, 1968, be approved as presented. Motion carried.

Chairman Vanlandingham announced it was the time and place for the formal hearing which was approved at the June meeting of the Board on the proposed Rule changes.

Approximately one hundred professional engineers, architects and landscape architects were present and the discussion was quite spirited. The speakers presented other changes to the proposed Rules and spoke against certain Rules as now written.

It was moved by Mr. Girand and seconded by Dean Hall that the proposed Rule changes be referred to a committee of the Board who would discuss same with representatives of the various societies. Motion carried.

Chairman Vanlandingham thanked the registrants for appearing at the formal hearing and called for a recess so that those who chose to leave may do so.

At the conclusion of the recess, Chairman Vanlandingham appointed the following committee to discuss the Rules and make recommendations to the December meeting of the Board:

Bennie M. Gonzales, Chairman
Earle M. Cassidy
C. W. Dryden
John Girand

The committee selected October 8, 1968, the date of its first meeting.

REPORT OF THE EXECUTIVE COMMITTEE

No meetings and no report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

No meeting and no report.

REPORT OF THE LEGISLATIVE COMMITTEE

No meeting and no report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

It was moved by Dr. Newlin and seconded by Dean Hall that the Engineering Evaluation Committee meeting report of September 4, 5 and 6, 1968, as per Minute Pages 2266, 2267 and 2268, be accepted and implemented by the Board. Motion carried.

It was moved by Dr. Newlin and seconded by Dean Hall that the schedule for the December engineering examinations, as per Minute Page 2269, be approved. Motion carried.

It was moved by Mr. Dryden and seconded by Dr. Newlin that the Landscape Architectural Evaluation Committee meeting report of September 11, 1968, as per Minute Page 2270, be accepted and implemented by the Board. Motion carried.

It was moved by Mr. Place and seconded by Mr. Cassidy that the Architectural Evaluation Committee meeting report of September 12 and 13, 1968, as per Minute Pages 2271 and 2272, be accepted and implemented by the Board. Motion carried.

It was moved Mr. Cassidy and seconded by Dean Hall that the architectural grades for the June, 1968, examinations, as presented on Minute Pages 2273, 2274, 2275 and 2276, be so certified. Motion carried.

It was moved by Mr. Cassidy and seconded by Mr. Place that the schedule for the December architectural examinations, as per Minute Page 2277, be approved. Motion carried.

Discussion followed on architectural applicant, Jerome Kirtley Diethelm, File No. 68-199, and it was moved by Mr. Place and seconded by Mr. Girard that he be held for the full NCARB examination beginning with the December series. Motion carried.

It was moved by Mr. Place and seconded by Mr. Dryden that the following applicant is to be denied for failure to complete the requirement, as indicated, of the Board within a reasonable length of time. Motion carried.

Written Examination Requirement

Duffy, John Lawrence

63-505

Architect

DATE: September 6, 1968

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on September 4, 5 and 6, 1968, in Phoenix, Arizona, with the following members present and absent:

PRESENT

Earle M. Cassidy
 C. W. Dryden
 N. R. Feldman
 David J. Hall
 Charles W. Newlin

ABSENT

John Girand

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A, A.R.S. 32-123.B and A.R.S. 32-126, are hereby recommended for registration:

CIVIL ENGINEERING

Babcock, Horace Maxson (re-registration #1299)	68-80
Blackburn, John Douglas	68-106
Crommelin, Robert Wilcox	68-131
Epstein, Sidney	68-169
Goddard, James Elmer	68-120
Grogan, John Patrick	68-142
Hansen, Robert Leroy	67-83
Hawthorne, William Andrew, Jr.	68-165
Kienlen, Donald E.	68-150
Lonner, Harry Wesley	68-112
Lynch, James Alvin	68-110
Spolter, Gerald Jacob	68-156
Thon, J. George	68-45
Umholtz, Willis E.	68-167
Willhite, Ronald Monroe	67-33

ELECTRICAL ENGINEERING

Hockenberger, Philip Rodney, Jr.	67-101
McGinnis, Kenneth Robert	68-90
Stevens, Lanier Guion	67-91
Welty, Robert	68-152

INDUSTRIAL ENGINEERING

Raney, Maynard Clayton	68-89
Watts, Robert Lee	68-153

MECHANICAL ENGINEERING

Andrews, Franklin Thomas	68-101
Dudley, Avery Denzil	66-133
Flint, Charles Jackson	68-158
Fox, Harold Larry	68-108
Quiros, Jose Mario	67-46
Smith, Gerald Duane	68-128

<u>MECHANICAL ENGINEERING - Cont'd.</u>	
Thomas, J. Marion	68-134
Wherritt, Charles Reed	68-100

<u>GEOLOGY</u>	
Carpenter, Gene C.	67-116
Hand, Hiram Darby	67-102
Ragan, Donal Mackenzie	68-135

- II. The following applicant, previously held for the written examinations, Minute Page 2151, was reconsidered and recommended he be granted registration based upon his New Mexico written examination:

<u>CIVIL ENGINEERING</u>	
Williams, Jerry Loyd	67-177

- III. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for written examinations indicated:

Applicants held for the December, 1968, written examinations:

AGRICULTURAL ENGINEERING

Franzoy, Carl Eugene	68-93	Parts 3 and 4
Lee, Roland Earl, Jr.	68-123	Parts 3 and 4

CIVIL ENGINEERING

Blasingame, Jack Wayne	68-149	Parts 3 and 4
Bonhorst, Leonard W.	68-132	Parts 3 and 4
Herp, James Donald	68-161	Parts 3 and 4
Munding, Thomas Michael	68-159	Parts 3 and 4
Saldamando, Mario Benjamin	68-184	Parts 1, 2, 3 and 4

ELECTRICAL ENGINEERING

Dubin, Thomas	68-140	Parts 3 and 4
Fox, Harold Larry	68-107	Parts 3 and 4
Goldman, Norman Clifford	68-144	Parts 1, 2, 3 and 4
Magee, Darel Gene	68-111	Parts 3 and 4

HIGHWAY ENGINEERING

Allen, George Leslie	68-39	Parts 1, 2, 3 and 4
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INDUSTRIAL ENGINEERING

Johnson, Iver C.	68-127	Parts 3 and 4
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MECHANICAL ENGINEERING

Carson, Alan Barrow	68-148	Parts 3 and 4
Gass, C. Bernard, Jr.	68-122	Parts 3 and 4
Koepke, Melvin Bernard	68-147	Parts 1, 2, 3 and 4
Lette, Leroy Leland	68-117	Parts 3 and 4
Owens, Francis Leslie, Jr.	68-99	Parts 3 and 4

METALLURGICAL ENGINEERING

Campbell, Gordon A.	68-133	Parts 3 and 4
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ASSAYING

Boss, John Wesley	68-144
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LAND SURVEYING

Koch, George Louis	66-184
Smets, Russell James	66-238
Voss, Roy Everett	66-200
Wineland, Doyle A.	68-151

PETROLEUM ENGINEERING
Brent, Kelly 68-155 Parts 3 and 4

ASSAYING
Garcia, Robert Galindo 68-163 Parts 1 and 2

LAND SURVEYING
Rowe, James Herbert, Jr. 67-251 Parts 3 and 4

- IV. The following applicant having appeared before the Committee and completed the personal audience interview, needs demonstration of additional evidence of his proficiency, and it is recommended to the Board that he be held for a Comprehensive Oral Examination either at the December, 1968, or March, 1969 Board meeting:

Johnson, Verdo Z. 68-119 Mining Engineer

- V. The following applicants who were scheduled to appear for their personal audience, two consecutive times, and who failed to do so, are recommended to be denied for failure to complete the requirements of the Board within a reasonable length of time:

Brady, William G. 67-320 Mechanical
Ehlinger, Henry Phillip, III 67-240 Metallurgical

- VII. The following applicant appeared before the Committee and the evaluation of his application determined that he should be denied for lack of experience of a character satisfactory to the Board with the refund as shown and the additional years of experience required follows the refund amount:

Ellison, Donald Nathan 68-121 Highway \$10.00 3 years

The Committee recommends to the Board that recommendations I through VII of this report be accepted and implemented.

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin, Chairman

I. SATURDAY, DECEMBER 7, 1968

- TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the New Engineering Center at ARIZONA STATE UNIVERSITY
- TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building, UNIVERSITY OF ARIZONA

8:00 A.M. to 12:00 Noon

All professional engineering applicants held for Part I, Fundamentals of Engineering.

All professional geology applicants held for Part I, Basic Geology.

All land surveying applicants held for Part I, Surveying Techniques.

All Engineer-in-Training and Geologist-in-Training applicants held for Subsection I of the in-training exam.

All assaying applicants held for Part I, Assaying Examination.

1:00 P.M. to 5:00 P.M.

All professional engineering applicants held for Part II, Fundamentals of Engineering.

All professional geology applicants held for Part II, Basic Geology.

All land surveying applicants held for Part II, Computations.

All Engineer-in-Training and Geologist-in-Training applicants held for Subsection II of the in-training exam.

All assaying applicants held for Part II, Assaying Examination.

II. SUNDAY, DECEMBER 8, 1968

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the New Engineering Center at ARIZONA STATE UNIVERSITY

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building, UNIVERSITY OF ARIZONA

8:00 A.M. to 12:00 Noon

Part III - Engineering Analysis - all branches of engineering

Part III - Applied Geology

Part III - Land Surveying Rules and Regulations

1:00 P.M. to 5:00 P.M.

Part IV - Engineering Design - all branches of engineering

Part IV - Geological Problems

Part IV - Land Surveying Legal Principals

III. MONDAY, December 9, 1968

PHOENIX, ARIZONA (only) - Report to the Auditorium, Second Floor, United Bank Building, 3550 N. Central Avenue

8:00 A.M. to 12:00 Noon - Part V - Structural Engrs. - Comprehensive Engrg. Design

1:00 P.M. to 5:00 P.M. - Part VI - Structural Engrs. - Structural Engrg. Design

DATE: September 11, 1968

TO: State Board of Technical Registration
 FROM: Landscape Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on September 11, 1968, in Phoenix, Arizona, with the following members present:

- PRESENT
 W. R. Feldman
 John Girand
 Bennie M. Gonzales
 M. L. Vanlandingham

There being a quorum present at all times (of at least two engineers and two architects), the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-146, are hereby recommended for registration in Landscape Architecture:

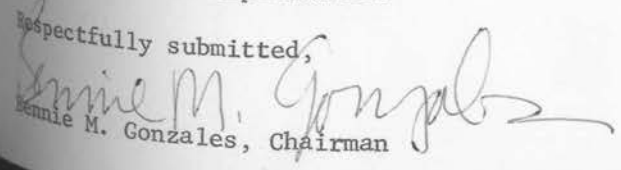
- Abel, U. E. (Penny) 68-212
- Branch, D. Wayne 68-193
- Diethelm, Jerome Kirtley 68-200
- Earley, Wayne Oliver 68-185
- Guirey, Fred Melville 68-214
- Haws, Henry Harrison 68-204
- Hollinger, Keith Dennis 68-201
- Hurst, Alvin Odell 68-213
- Leipprandt, V. Warner, Jr. 68-211
- Lewis, H. Green 68-209
- MacDonald, Francis John 68-192
- Orchard, Thomas Alexander 68-208
- Panks, Gary Allen 68-202
- Schildmacher, William F. 68-189
- Scholtz, Dennis P. 68-198
- Seppanen, Delbert Glenn 68-197
- Sharp, Joe Jesse 68-191
- Smith, A. Wayne 68-203
- Van Cleve, Paul W. 68-180
- Walton, William Neil 68-194
- Zimmerman, Thomas Charles 68-205

Architects
 Landscape

II. The following applicant appeared before the Committee and the evaluation of his landscape architectural application determined that he should be denied for lack of experience of a character satisfactory to the Board with the refund as shown and the additional years of experience required follows the refund amount:

Giley, George Henry	68-206	\$10.00	1 year
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The Committee recommends to the Board that recommendations I and II of this report be accepted and implemented.

Respectfully submitted,

 Bennie M. Gonzales, Chairman

DATE: September 13, 1968

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on September 12 and 13, 1968, in Phoenix, Arizona, with the following members present and absent:

PRESENT

Bennie M. Gonzales
 M. L. Vanlandingham

ABSENT

Low Place

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified, including the treatise on lateral forces, to receive architectural registration in Arizona under A.R.S. 32-123.A, A.R.S. 32-123.B and A.R.S. 32-126, are hereby recommended for registration:

Batchelor, Robert Paul	68-146
Ballew, Thomas James	64-305
Baughner, Thomas James	68-186
Bowen, Richard Lee	68-9
Brown, John Eldo	66-181
Butz, Jack Richard	67-281
Donald, Robert Earl	68-139
Fulton, James Cooper, III	65-263
Henry, Charles Lynn	68-129
Long, Harold Leland	64-331
Lugo, Michael Angel, Jr.	65-75
Pace, Fred Rankin	64-210
Patton, Edward Clyde	68-113
Perrell, Richard Conway	63-137
Smith, David Stanley	68-166
Spinney, Eric Don	68-46
Stein, Jack Stewart	68-170
Sutton, Michael Hall	64-69
Vickrey, Wilmont	68-86
Williams, Samuel Wayne	66-290
Winslow, Paul David	67-208

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1968, examinations

Burr, James George	68-118	C, D, E, F, G, H, I
Cook, Richard E.	68-109	C, D, E, F, G, H, I
Frankeberger, Robert Russell	68-126	C, D, E, F, G, H, I

- III. The following applicants having appeared before the Committee and met all other requirements of this Board, shall be granted registration after they have submitted a satisfactory treatise and problem and are due by November 1, 1968:

Brand, William Hoover	68-138
Frizzell, William Kenneth	68-62
Grafton, Edward G.	68-52

- IV. The following applicants who were scheduled to appear for their personal audience, two consecutive times, and who failed to do so, are recommended to be denied for failure to complete the requirements of the Board within a reasonable length of time:

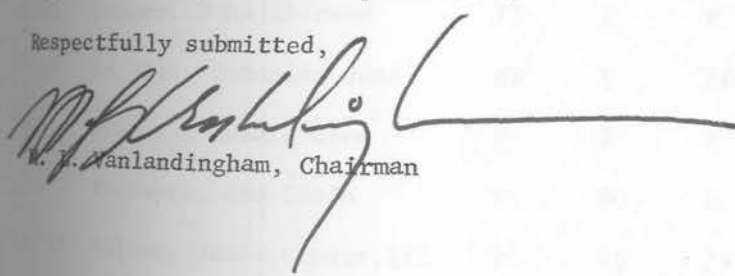
Phillippi, Ralph E.	68-78
Shrum, Robert Marshall	67-277

- V. The following applicant appeared before the Committee and the evaluation of his application determined that he should be denied for lack of experience of a character satisfactory to the Board with the refund as shown and the additional years of experience required follows the refund amount:

Christensen, Lee Norse	68-188	\$10.00	1 year
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The Committee recommends to the Board that recommendations I through V of this report be accepted and implemented.

Respectfully submitted,


W. H. Vanlandingham, Chairman

ARCHITECTS

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
67-85	Aros, Bernard Anthony	F	F	F	P	F	P	P	
64-305	Ballew, Thomas James	P	75	P	P	P	P	P	D
67-103	Berg, John Anton	P	F	F	P	P	P	P	
63-290	Brown, Gordon Vallance	P	75	F	P	P	P	P	D
66-181	Brown, John Eldo	P	75	P	P	P	P	P	D
67-80	Bucher, Helmut	P	75	F	75	77	79	P	D, F, G, H
65-34	Ceton, Raymond Wallace	P	P	F	P	P	P	P	
68-38	Chase, Melvin Gale	F	F	F	89	77	88	85	F, G, H, I
63-529	Cipolla, Caesar Edward	P	F	75	P	P	P	P	E
63-36	Cole, Theodore Dow	P	P	F	P	P	P	P	
68-32	Cooper, John Sherman	77	F	F	82	77	86	84	C, F, G, H, I
68-59	de Blas, Romualdo Jose	89	F	76	85	82	88	87	C, ^E F, G, H, I
59-14	Fellows, Rushia Glen	F	P	P	75	P	P	P	F
67-5	Florence, Ora Earle	P	80	P	P	P	P	P	D
65-263	Fulton, James Cooper, III	P	75	76	P	P	P	P	D, E
66-249	Gabriel, Joseph M.	P	F	F	P	F	P	P	
67-38	Gomez, Robert	F	75	F	P	F	P	F	D
67-55	Griffin, Donald K.	F	75	75	P	P	P	P	D, E
67-212	Hanson, Richard Charles	F	F	F	P	P	79	P	H
67-156	Henschied, Ronald Peter	P	F	79	P	P	P	P	E
66-250	Hermann, Frank Josef	P	F	75	P	P	P	P	E
67-94	Hunt, David Nathaniel	P	F	P	P	P	P	P	
66-98	Johns, Lloyd Lee	F	F	P	P	F	P	P	

No.	Name	C History & Theory	D Site Planning	E Architectural Design	F Building Construction	G Structural Design	H Professional Administration	I Building Equipment	Passed
63-90	Johnson, Stanley W.	P	F	76	P	75	P	P	E, G
*67-171	Jones, Woodrow Wilson, Jr.	P	80	75	P	P	P	P	D, E
65-94	Kennedy, Bernard Thomas	P	P	P	P	F	P	P	
68-17	Leckman, John M.	P	F	78	80	P	78	P	E, F, H
67-82	Leonard, Robert Brooks	P	F	P	P	P	P	P	
*64-331	Long, Harold Leland	P	P	75	P	P	P	P	E
*65-75	Lugo, Michael Angel, Jr.	P	P	77	P	P	P	P	E
67-6	Mangino, Michael Wayne	P	P	F	P	P	P	P	
67-117	Martinson, Gudmund	79	F	F	P	F	P	P	C
*68-67	Morrison, John Aruthur	87	75	78	81	82	91	87	C, D, E, F, G, H, I
68-11	Nardini, Matteo	F	F	77	F	F	79	F	E, H
67-110	Nickels, Ernest Lee	P	P	83	P	F	P	77	E, I
67-313	Orr, James Ritchie	75	F	77	F	F	77	F	C, E, H
67-113	Oshiro, Roy Seikichi	F	F	F	F	F	F	F	
65-170	Ottenheimer, John	P	F	75	P	P	P	P	E
*64-210	Pace, Fred Rankin	P	75	P	P	P	P	P	D
66-106	Palafox, Frederick A.	P	F	F	P	P	P	P	
*63-137	Perrell, Richard Conway	P	P	75	P	P	P	P	E
68-41	Reese, David Nels	P	F	78	81	P	84	P	E, F, H
*67-92	Richards, Marston Edwin	P	P	79	P	P	P	P	E
66-253	Rossland, Willis Dean	F	F	P	P	P	P	P	
67-278	Roth, Howard Kellogg	P	F	F	P	P	P	P	
66-203	Shimels, Thomas Anthony	P	F	75	P	F	P	P	E
64-249	Schutz, Charles Claude	75	75	P	P	75	P	P	

No.	Name	C	D	E	F	G	H	I	Passed
67-133	Slayter, Dale W., Jr.	F	F	F	P	F	P	P	
67-230	Smith, Donald Eugene	P	F	75	P	P	P	P	E
67-81	Tachuk, Donald M.	F	F	F	P	F	P	P	
65-108	Thurman, Edward Adair	P	F	F	P	P	P	P	
67-209	Tremoulis, John	P	P	F	P	F	P	P	
67-96	Turek, Robert Ladd	P	F	P	P	P	P	P	
67-244	Wilhelm, George Richard	F	F	F	P	F	P	P	
*66-290	Williams, Samuel Wayne	P	85	82	P	P	P	P	D, E
*67-208	Winslow, Paul David	P	85	P	P	P	P	P	D
*67-254	Wooldridge, Donn	P	75	P	P	P	P	P	D
66-199	Wonsley, Ronald Clayton	F	P	P	P	F	77	77	H, I
67-48	Zeaman, Andrew N.	80	F	P	P	F	P	P	C

ARCHITECT-IN-TRAINING

No.	Name	Grade
68-1	Atwood, Jerry Lee	F
68-9	Baron, Kathryn M.	78
68-2	Calhoun, Robert Errol	F
68-10	Campisano, John F.	F
68-8	Ellermann, Larry Dale	84
68-4	Harrington, Daniel C.	80
67-8	Kelly, James Michael	78
68-6	Leos, Richard, Jr.	F

ARCHITECT-IN-TRAINING

No.	Name	Grade
68-7	Maskulka, Gerald Edward	78
68-3	Moreno, Manuel Mario, Jr.	82
68-5	Petras, Gary A.	76
68-11	Simpson, Mark Raymond	F

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

02277

TWO LOCATIONS:

1. Tempe, Arizona
School of Architecture, Rooms 327 and 330, Arizona State University
2. Tucson, Arizona
School of Architecture, Room 205, University of Arizona

Friday, December 27, 1968

- 9:00 A.M. to 1:00 P.M.
Examination C, History & Theory of Architecture (No reference material permitted)
- 1:30 P.M. to 5:30 P.M.
Examination I, Building Equipment (No reference material permitted)

SEE
NOTE
BELOW

Saturday, December 28, 1968

- 9:00 A.M. to 12:00 Noon
Examination H, Professional Administration (No reference material permitted)
- 12:30 P.M. to 5:30 P.M.
Examination G, Structural Design (Reference material is permitted)

Sunday, December 29, 1968

- 9:00 A.M. to 12:00 Noon
Examination F, Building Construction (No reference material permitted)
- 12:30 P.M. to 5:30 P.M.
Examination D, Site Planning (A Convention Center) (No reference material permitted)

Monday, December 30, 1968

- 8:00 A.M. to 8:00 P.M.
Examination E, Architectural Design (A Contemporary Crafts Museum)
(No reference material permitted)

PLEASE NOTE:

Examination C, History & Theory, is now 4 hours duration and will contain theory questions on site planning and architectural design.

Examination I, Building Equipment, has been reduced to 4 hour duration instead of the previous 5 hours.

It was moved by Mr. Cassidy and seconded by Dean Hall that the following applicants are to be denied without prejudice and refund at their request. Motion carried.

Blout, Edwin Allan	68-143	Civil Engineer
Dinges, Kenneth Norman	68-125	Civil Engineer
Downey, Harold John	68-58	Geologist
Harrison, James Leigh	68-115	Electrical Engineer
Johnston, John Patrick	67-300	Mechanical Engineer
Ronald, Edward R., Jr.	67-235	Mechanical Engineer
Steinberg, Goodwin Barney	68-79	Architect
Stroup, Larry Dale	68-95	Civil Engineer
Wade, Robert Lee	68-84	Architect
Williams, Aubrey Arthur, Jr.	68-56	Architect

It was moved by Mr. Dryden and seconded by Mr. Cassidy that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Ballew, Thomas James	6894
Batchelor, Robert Paul	6895
Baughner, Robert Dale	6896
Bowen, Richard Lee	6897
Brown, John Eldo	6898
Butz, Jack Richard	6899
Donald, Robert Earl	6900
Florence, Ora Earle	6901
Fulton, James Cooper, III	6902
Henry, Charles Lynn	6903
Jones, Woodrow Wilson, Jr.	6904
Long, Harold Leland	6905
Lugo, Michael Angel, Jr.	6906
Morrison, John Arthur	6907
Pace, Fred Rankin	6908
Patton, Edward Clyde	6909
Perrell, Richard Conway	6910
Richards, Marston Edwin	6911
Smith, David Stanley	6912
Spinney, Eric Don	6913
Stein, Jack Stewart	6914
Sutton, Michael Hall	6915
Vickrey, Wilmont	6916
Williams, Samuel Wayne	6917
Winslow, Paul David	6918
Wooldridge, Donn	6919

CIVIL ENGINEERING

Babcock, Horace Maxson	1299
Blackburn, John Douglas	6920
Crommelin, Robert Wilcox	6921
Epstein, Sidney	6922
Goddard, James Elmer	6923
Grogan, John Patrick	6924

CIVIL ENGINEERING (Cont'd.)

Hansen, Robert Leroy	6925
Hawthorne, William Andrew, Jr.	6926
Kienlen, Donald E.	6927
Lonner, Harry Wesley	6928
Lynch, James Alvin	6929
Spolter, Gerald Jacob	6930
Thon, J. George	6931
Umholtz, Willis E.	6932
Willhite, Ronald Monroe	6933
Williams, Jerry Loyd	6934

ELECTRICAL ENGINEERING

Hockenberger, Philip Rodney	6935
McGinnis, Kenneth Robert	6936
Stevens, Lanier Guion	6937
Welty, Robert	6938

INDUSTRIAL ENGINEERING

Raney, Maynard Clayton	6939
Watts, Robert Lee	6940

MECHANICAL ENGINEERING

Andrews, Franklin Thomas	6941
Dudley, Avery Denzil	6942
Flint, Charles Jackson	6943
Fox, Harold Larry	6944
Quiros, Jose Mario	6945
Smith, Gerald Duane	6946
Thomas, J. Marion	6947
Wherritt, Charles Reed	6948

GEOLOGY

Carpenter, Gene C.	6949
Hand, Hiram Darby	6950
Ragan, Donal Mackenzie	6951

ASSAYING

Boss, John Wesley

6952

LANDSCAPE ARCHITECTURE

Abel, U. E. (Penny)

6953

Branch, D. Wayne

6954

Diethelm, Jerome Kirtley

6955

Earley, Wayne Oliver

6956

Guirey, Fred Melville

6957

Haws, Henry Harrison

6958

Hollinger, Keith Dennis

6959

Hurst, Alvin Odell

6960

Leipprandt, V. Warner, Jr.

6961

Lewis, H. Glenn

6962

MacDonald, Francis John

6963

Orchard, Thomas Alexander

6964

LANDSCAPE ARCHITECTURE (Cont'd.)

Panks, Gary Allen

6965

Schildmacher, William F.

6966

Scholtz, Dennis P.

6967

Seppanen, Delbert Glenn

6968

Sharp, Joe Jesse

6969

Smith, A. Wayne

6970

Van Cleve, Paul W.

6971

Walton, William Neil

6972

Zimmerman, Thomas Charles

6973

LAND SURVEYING

Koch, George Louis

6974

Smets, Russell James

6975

Voss, Roy Everett

6976

Wineland, Doyle A.

6977

It was moved by Dr. Newlin and seconded by Mr. Dryden that the following applicants for in-training certification having completed all of this Board's requirements be granted registration and assigned the registration number as indicated. Motion carried.

ARCHITECT-IN-TRAINING

Baron, Kathryn M.

73

Ellermann, Larry Dale

74

Harrington, Daniel C.

75

Kelly, James Michael

76

Maskulka, Gerald Edward

77

Moreno, Manuel Mario, Jr.

78

Petras, Gary A.

79

ENGINEER-IN-TRAINING (Cont'd.)

Heggen, Richard John

750

Jenkins, Charles W.

751

Kirchner, Henry William

752

Komorous, Donald Joseph

753

McMurray, Charles A., Jr.

754

Orrahood, John E.

755

Ossanna, Angelo V.

756

Parker, Daniel L.

757

Patrick, Jeffrey Lynn

758

Racer, Larry Dale

759

Rice, Howard Hadley, Jr.

760

Weidinger, James David

761

Williams, Anthony F.

762

Wilson, Arthur King

763

Wilson, Jim F.

764

Winters, Daniel Brian

765

Wright, Newell Wadsworth

766

Wright, Richard Alan

767

Wynn, Clois M., Jr.

768

Tomasso, Robert Joseph

769

REPORT OF THE PUBLIC INFORMATION COMMITTEE

It was moved by Mr. Dryden and seconded by Mr. Place that the following report by Mr. Feldman on his attendance at the National Council of Engineering Examiners Annual Meeting in Denver, Colorado, on August 26-30, 1968, be accepted. Motion carried.

NCEE will publish the proceedings of the annual meeting and will send copies to each board's members. The writer, therefore, will not burden you with a lengthy report at this time.

The following is a breakdown of the attendance which may be of interest:

STATE	Board		Exec.	STATE	Board		Exec.
	Mbrs.	Others	Sec.		Mbrs.	Others	Sec.
Alabama	1		1	Missouri	3		
Alaska	1			Montana			
Arizona	1			Nebraska	1		1
Arkansas	2			Nevada	2		
California	2	2		New Hampshire			1
Canal Zone			1	New Jersey			1
Colorado	3		1	New Mexico	1		
Connecticut	1			New York	1		1
Delaware	1			North Carolina	1		1
Dist. of Col.	2	1	1	North Dakota	1		1
Florida	1	1		Ohio	1		1
Georgia	2			Oklahoma	5		
Guam				Oregon	4		1
Hawaii	3			Pennsylvania	1		
Idaho	1	1		Puerto Rico			
Illinois	6	1	1	Rhode Island			
Indiana	3		1	South Carolina	4		1
Iowa	5	1	1	South Dakota	1		1
Kansas	3		1	Tennessee	3		
Kentucky	1			Texas	4		1
Louisiana	3	1	1	Utah	1		
Maine	2			Vermont			1
Maryland	4			Virginia	3	1	
Massachusetts	1		1	Washington	1		
Michigan	2		1	West Virginia	2	2	
Minnesota	8			Wisconsin	5		1
Mississippi	3		1	Wyoming	2		

The social arrangements, both for the ladies and for the combined, were very enjoyable; particularly, the trip to our Air Academy.

Breaking the meetings up into 3-half days for full session and three for committees worked out very well.

A panel discussion during the 2nd full meeting was very interesting.

"Twenty-One Observations on Professional Registration's Coming of Age," by panelist Cornel Wandmacher, left us with much food for thought.

"Recognizing the Professional Engineer," as presented by panelist Sanford K. Foshot, remarked that the basic justification for registration is to protect the law.

While we may not agree as to his thoughts about State Boards surrendering their sovereignty to National Registration, Mr. Foshot did present lots of arguments for uplifting the professions stature.

New inserts to paste into Model Law Sections were handed out.

Our Western Zone had a good session - next meeting May 10, 1970, in Portland, Oregon - possible 1972 meeting in Hawaii.

Declared universal comity, as presented and adopted by the Central Zone.

All states will license by Universal Comity.

1. Graduation from an ECPD accredited curriculum
2. Satisfactory completion of 16-hour approved examination.
3. Four more years of satisfactory experience in Engineering Practice.

Before permitting above to be railroaded, amendments were suggested as follows:

1. Insert the words "it is recommended that..." just before "All states will license."
2. A fourth stipulation - that applicant must certify that he has never been asked to appear before any technical authority with reference to revoking any existing registration or any complaint regarding his malpractice or conduct as a professional engineer.

This proposition was referred back to its committee for further study and recommendation at next year's annual meeting.

Morgan Allen elected as the new president-elect.

Next Annual Meeting - San Antonio, Texas.

1970 Meeting in Chicago - 50th Anniversary, where NCEE was Founded.

Interesting to Note - Finances adequate for present activities of National Council.

Model Law - Section on land surveyors; came in for many changes, mostly as the committee chairman explained due to lack of proof reading before publication.

Respectfully submitted,

N. R. Feldman

REPORT OF THE BUDGET COMMITTEE

Mr. Feldman, as Chairman of the Budget Committee, discussed the budget and financial status of the Board and recommended that the budget be adopted.

It was moved by Mr. Place and seconded by Dean Hall that the budget for 1969-1970 be approved as submitted to the Department of Finance. Motion carried. This budget follows as Minutes Pages 2282 through 2320.

STATE OF ARIZONA
BUDGET REQUEST FOR THE FISCAL YEAR 1968 - 1970

Budget Request Approved By *[Signature]* Executive Secretary
 Signature Title
 Budget Request Prepared By Board's Budget Committee & Executive Secretary 264-3836
 Phone

8 August 1968
Date

Agency Name State Board of Technical Registration Fund Sources 90/10 Agency - ARS 32-109, Technical Registration Fund
 Address 3550 North Central Avenue, Suite 408
Phoenix, Arizona 85012
 A.R.S. Citation Title 32, Chapter 1, ARS 1956, 1968

RECEIPTS

Description	Actual Receipts			Estimated Receipts	
	1965 - 1966	1966 - 1967	1967 - 1968	1968 - 1969	1969 - 1970
Renewal Fees	36,898.00	38,629.00	41,035.50	43,435.00	60,000.00
Application Fees	8,880.00	8,525.00	8,910.00	11,200.00	9,000.00
Temporary Certificates	2,450.00	2,450.00	1,500.00	1,500.00	1,500.00
Examination Fees	6,449.00	5,920.00	7,110.00	8,500.00	9,500.00
New Certificates	24.00	17.00	30.00		
Annual Reports	59.00	44.00	53.00		
Miscellaneous	19.67	81.00	13.90		
NCARB Personal Audiences	40.00	10.00	10.00		
NCARB Senior Examinations	25.00	50.00	50.00		
Refund on Purchase Order (100% Technical Fund)	1.30	50.00	---		
TOTAL REVENUE	54,845.97	55,776.00	58,712.40	64,635.00	80,000.00
10% General Fund	5,484.45	5,572.00	5,871.25	6,464.00	8,000.00
90% Technical Fund	49,361.52	50,204.00	52,841.15	58,171.00	72,000.00

*See Schedule IA

02282

Agency Name State Board of Technical Registration

SCHEDULE 1A

Renewal and application fees were set last in 1956 and no authority was given to collect the following fees which have been a necessary part of the operation of this agency since its inception in 1921:

Architect-in-Training Application Fees
 Geologist-in-Training Application Fees
 Landscape Architect-in-Training Application Fees
 All Examination Fees
 Miscellaneous Fees for Service Requested

The 1969-1970 budgeted receipts is predicated upon legislative action to increase the renewal and application fees and legitimize the collection of examination and miscellaneous fees.

The proposal to the legislature will most probably be:

Renewal Fees - not to exceed \$20.00/annum
 Application Fees - Residents \$25.00
 Non-Residents 50.00
 Examination & Miscellaneous Fees - As published by Board as an official rule.

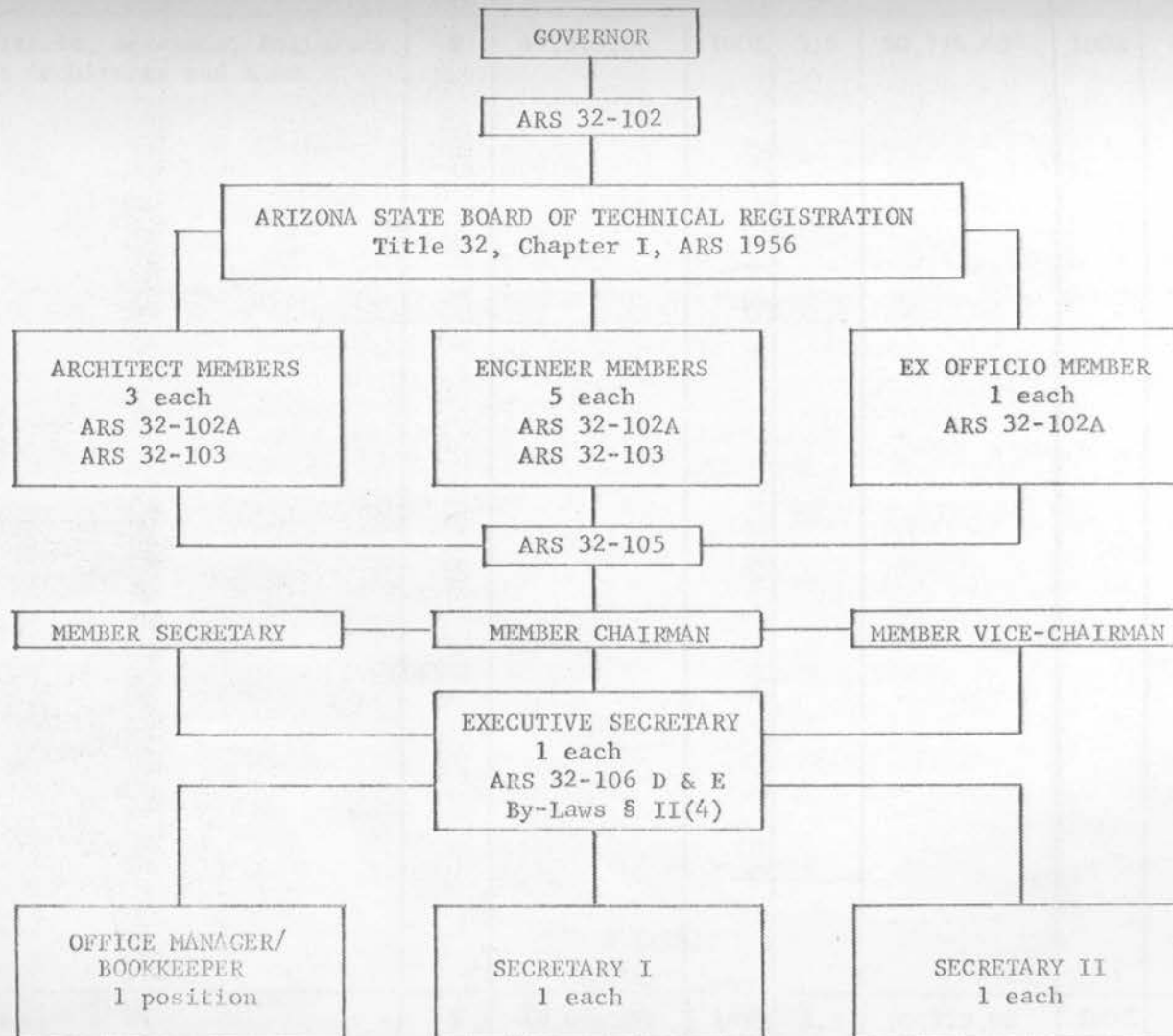
The increased income reflects the following:

Renewals @ \$15.00 each
 Applications as above
 Examination & miscellaneous at present published rates

STATE OF ARIZONA
ORGANIZATION CHART

Agency Name State Board of Technical Registration

SCHEDULE 2



02284

STATE OF ARIZONA
PROGRAM SUMMARY

Agency Name State Board of Technical Registration

SCHEDULE B

Program Title	Actual Expenditures 1967 - 1968			Estimated Expenditures 1968 - 1969			Budget Request 1969 - 1970		
	FTE No.	Amount	%	FTE No.	Amount	%	FTE No.	Amount	%
Registration of Architects, Assayers, Engineers, Geologists, Landscape Architects and Land Surveyors	3	49,067.00	100%	3.5	50,778.00	100%	4	71,295.00	100%
Total	3	49,067.00	100%	3.5	50,778.00	100%	4	71,295.00	100%

02285

STATE OF ARIZONA
PROGRAM NARRATIVE

Agency Name State Board of Technical Registration

SCHEDULE 4

Program Title	Program Narrative
Registration of Architects, Assayers, Engineers, Geologists, Landscape Architects and Land Surveyors.	<p>PURPOSE: This agency is established to register and regulate the practice of Architects, Assayers, Engineers, Geologists, Landscape Architects and Land Surveyors for the protection of the health, welfare and safety of the public.</p> <p>FUNCTION: As defined in Title 32, Chapter I, ARS 1956</p> <p>ARTICLE I. BOARD OF TECHNICAL REGISTRATION</p> <p>No. 32-101. Definitions. Under this section, the definitions of the professions registered (Architect, Architect-in-Training, Assayer, Engineer, Engineer-in-Training, Geologist, Geologist-in-Training, Landscape Architect, Landscape Architect-in-Training and Land Surveyor) are defined as well as definitive descriptions of the practice authorized for these professions.</p> <p>No. 32-102. Board of Technical Registration. Established the Board and defines the method, terms, and size of Board appointed by Governor as well as the ex-officio member.</p> <p>No. 32-103. Qualifications of Members. Defines qualifications of appointive members.</p> <p>No. 32-104. Compensation. Defines allowances for mileage and travel expense, prohibits compensation to members and authorizes renewal without payment of fee.</p> <p>No. 32-105. Organization. Establishes the organization of the Board and prescribes the minimum number of meetings.</p> <p>No. 32-106. Powers and Duties. Defines the powers and duties and responsibilities.</p> <p>No. 32-107. Board Secretary: Duties; Salary. Defines this officer's duties, salary and responsibility.</p> <p>No. 32-108. Annual Report; filing copies of lists of registrants. Requires annual reporting to Governor, Secretary of State, and Board of Supervisors.</p> <p>No. 32-109. Technical registration fund. Establishes technical registration fund and prescribes method of depositing and disbursing.</p>

Continued

02286

ARTICLE II. REGISTRATION

No. 32-121 through 32-128 describes the method of registration of the authorized professions, types of registration and certificates, defines seals and use for registrants, authorizes and describes for revocation of certificates.

ARTICLE III. REGULATORY PROVISIONS.

No. 32-141 through 32-145 authorizes and defines practice by registrants in firms or corporations, requirements of registrants on public works, grants exception to practice of registrants within the professions, authorizes exemptions and limitations on non-registrants, and enumerates violations and penalty for non-registrants.

No. 32-146 establishes Grandfather's Clause for Landscape Architects.

Grandfather's
Clause for
Landscape
Architects

STATE OF ARIZONA
WORKLOAD AND STATISTICAL FACTORS

Agency Name State Board of Technical Registration

SCHEDULE B

Description of Factor Used	Actual			Estimated	
	1965 - 1966	1966 - 1967	1967 - 1968	1968 - 1969	1969 - 1970
Population (Inmates, Patients, Students, etc.): Applicants and Registrants	3,650	3,721	3,914	3,993	4,229
Population at beginning of year	354	351	370	411	360
Add Admissions - Granted					
Deduct Discharges - Delinquent and deceased	283	158	291	175	200
Population at end of year	3,721	3,914	3,993	4,229	4,389
Average daily population					
Ratio of Employees to Population	1 : 1,240	1 : 1,300	1 : 1,350	1 : 1,405	1 : 1,100
Per Capita Cost:					
Per Capita Cost - Excluding Capital Outlay	12.20	12.70	12.20	12.00	15.88
Per Capita Cost - Capital Outlay Only	.30	.30	.05	- 0 -	.57
Per Capita Cost - Including Capital Outlay	12.50	13.00	12.25	12.00	16.45
Other Factors (Specify):					

02288

STATE OF ALABAMA
SUMMARY OF EXPENDITURES AND BUDGET REQUESTS

Agency Name State Board of Technical Registration

SCHEDULE 6

Expenditure Classification	(1)	(2)	(3)	(4)	(5)	(6)
	Actual Expenditures 1965 - 1966	Actual Expenditures 1966 - 1967	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970	Governor's Recommendation 1969 - 1970
PERSONAL SERVICES						
No. of Present Positions.....	X	X	X	X	3	
Salaries and Wages.....	X	X	X	X	26,880.00	
No. of Additional Positions.....	X	X	X	X	1	
Salaries and Wages.....	X	X	X	X	5,040.00	
No. of Total Positions.....	3	3.12	3	3	4	
Salaries and Wages.....	22,200.00	23,162.00	22,600.00	*25,600.00	31,920.00	
PROFESSIONAL SERVICES	418.00	168.00	2,074.00	- 0 -	1,500.00	
TRAVEL — STATE	2,573.00	3,154.00	2,896.00	3,500.00	3,500.00	
TRAVEL — OUT OF STATE	2,059.00	1,666.00	2,040.00	2,500.00	2,500.00	
FOOD						
CURRENT FIXED CHARGES	5,920.00	5,882.00	6,226.00	* 7,100.00	9,850.00	
OTHER CURRENT EXPENDITURES	13,086.00	15,172.00	12,943.00	*11,778.00	19,175.00	
FIXED CHARGES						
CAPITAL OUTLAY:						
Equipment.....	205.00	1,185.00	43.00	- 0 -	2,500.00	
Land, Buildings and Improvements.....						
Other.....						
OTHER (SPECIFY) REFUNDS	150.00	216.00	245.00	300.00	350.00	
.....						
.....						
.....						
.....						
TOTAL	46,611.00	50,605.00	49,067.00	50,778.00	71,295.00	

*See Schedule 7A

02289

STATE OF ARIZONA
SOURCE AND DISPOSITION OF FUNDS

Agency Name State Board of Technical Registration

SCHEDULE 7

	(1)	(2)	(3)	(4)	(5)	(6)
	Actual Expenditures 1965 - 1966	Actual Expenditures 1966 - 1967	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970	Governor's Recommendation 1969 - 1970
SOURCE OF FUNDS						
Balance Forward From Prior Year.....	14,065.00	16,815.00	16,414.00	20,188.00	18,543.00	
General Fund Appropriation.....						
Special Fund Appropriation.....						
Supplemental Appropriation.....						
Appropriated Receipts.....	49,361.00	50,204.00	49,030.00	50,778.00	72,000.00	
Federal Funds.....						
Other Funds (Specify).....						
Escheated Receipts.....			3,811.00	7,393.00		
TOTAL	63,426.00	67,019.00	69,255.00	78,359.00	90,543.00	
DISPOSITION OF FUNDS						
Expenditures.....	46,611.00	50,605.00	49,067.00	50,778.00	71,295.00	
Other (Specify).....						
*Request for relief appropriation in 29th Legislature, 1/69, for \$9,038.00 See Schedule 7A.....				* 9,038.00		
Amount Reverted.....						
Balance Forward To Next Year.....	16,815.00	16,414.00	20,188.00	18,543.00	19,248.00	
TOTAL	63,426.00	67,019.00	69,255.00	78,359.00	90,543.00	

022910

*Added
Landscape*

STATE OF ARIZONA

Agency Name State Board of Technical Registration

SCHEDULE 7A

The 28th Legislature in its second regular session appropriated the following amounts for the fiscal year 1968-1969:

No. of Total Positions	3
Salaries and Wages	\$ 25,600.00
Other Current Expenditures	<u>25,178.00</u>
TOTAL	\$ 50,778.00

The Board of Technical Registration plans to request from the 29th Legislature a relief appropriation from the Technical Registration Funds in January, 1969, for the following:

Salaries and Wages (.50 FTE as position 4)	\$ 2,400.00
Current Fixed Charges	1,000.00
Professional Services	1,500.00
Other Current Expenditures	<u>4,138.00</u>
TOTAL	\$ 9,038.00

The increase is to cover on a one-half fiscal year basis the added cost of increased office space, increased cost of supplies and other services due to the adding of Landscape Architects as a proficiency registered by the Board, as well as publish the annual report. The actual estimated expenses required for fiscal year 1968-1969 are as follows:

No. of Total Positions	3.5
Salaries and Wages	\$ 28,000.00
Professional Services	1,500.00
Travel - State	3,500.00
Travel - Out of State	2,500.00
Current Fixed Charges	8,100.00
Other Current Expenditures	15,916.00
Refunds	<u>300.00</u>
TOTAL	\$ 59,816.00

02291

STATE OF ARIZONA
SUMMARY OF POSITIONS AND SALARIES

Agency Name State Board of Technical Registration

SCHEDULE 8

Summary of Positions	Present Positions and Salaries						Additional Positions		Total Positions	
	Actual Expenditures 1967 - 1968		Estimated Expenditures 1968 - 1969		Budget Request 1969 - 1970		Budget Request 1969 - 1970		Budget Request 1969 - 1970	
	FTE No.	Amount	FTE No.	Amount	FTE No.	Amount	FTE No.	Amount	FTE No.	Amount
Board Members	9	00.00	9	00.00	9	00.00	9	00.00	9	00.00
Statutory Salaries	0	00.00	0	00.00	0	00.00	0	00.00	0	00.00
Full Time Employees	3	22,600.00	3	25,600.00	3	26,880.00	1	5,040.00	4	31,920.00
Part Time Employees										
Temporary or Seasonal Employees										
Other (Specify).....										
.....										
.....										
.....										
SUB TOTAL	12	22,600.00	12	25,600.00	12	26,880.00	1	5,040.00	13	31,920.00
Less Vacancy Factor	X	00.00	X	00.00	X	00.00	X	00.00	X	00.00
TOTAL	12	22,600.00	12	25,600.00	12	26,880.00	1	5,040.00	13	31,920.00

02292

STATE OF ARIZONA
PRESENT POSITIONS AND SALARIES

Agency Name State Board of Technical Registration

SCHEDULE B

Title of Position	1967 - 1968		1968 - 1969		1969 - 1970			
	FTE No.	Actual Expenditures	FTE No.	Estimated Expenditures	FTE No.	Budget Request	Amount of Increase Requested	% of Increase Requested
Executive Secretary	1	13,000.00	1	15,000.00	1	15,750.00	750.00	5 %
Office Manager	1	5,000.00	1	5,800.00	1	6,090.00	290.00	5 %
Secretary I	1	4,600.00	1	4,800.00	2	10,080.00	5,280.00	110 %
TOTAL	3	22,600.00	3	25,600.00 *	4	31,920.00	6,320.00	24.75%

* See Schedule 7A

02293

STATE OF ARIZONA
JUSTIFICATION FOR SALARY INCREASES

Agency Name State Board of Technical Registration

SCHEDULE 10

The increases shown for the Office Manager and the position of Secretary I and II is to cover any possible merit cost of living or other increase scheduled by the State Department of Personnel. These positions coming under their jurisdiction for the first time in the 1969-1970 fiscal year. The increase granted to the Office Manager and Secretary I in the 1968-1969 fiscal year were actually promised by the Board one and one-half years prior to the date of receipt based upon two prior years of service without increase of any type.

The increase shown for the Executive Secretary while assuming he is not covered by the Merit System is proposed on the same delayed increase schedule.

02294

STATE OF ARIZONA
SALARY INCREASE (5% OR OVER)

Agency Name: State Board of Technical Registration

SCHEDULE 11

Employee No.	Title of Position	1967 - 1968					1968 - 1969				
		Monthly Salary Before Increase	Monthly Salary After Increase	Date of Increase	Amount of Increase	% of Increase	Monthly Salary Before Increase	Monthly Salary After Increase	Date of Increase	Amount of Increase	% of Increase
25112	Executive Secretary	--	--	--	--	--	1,083.34	1,250.00	7/1/68	166.66	15%
76580	Office Manager	--	--	--	--	--	416.68	483.32	7/1/68	66.64	15.8%

Justification

28th Legislature, 2nd regular session, under appropriations

02295

STATE OF ARIZONA
 ADDITIONAL POSITIONS REQUESTED

Agency Name State Board of Technical Registration

SCHEDULE 12

Title of Position	FTE No.	Salary	Employer Contributions	Other Costs		Total
				Expenditure Classification	Amount	
Secretary I	1	5,040.00	494.00	None	00.00	5,534.00

Justification For Additional Positions:

Scheduled as needed in 1965 estimates of workload for fiscal period 1969-1970. Position need now extreme due to increased workload and additional classifications of registrants after 28th Legislature, second regular session, HB 173, Chapter 92.

02296

STATE OF ARIZONA
DESCRIPTION AND VALUE OF PERQUISITES

Agency Name State Board of Technical Registration

SCHEDULE 13

Title of Position	Description of Perquisite	Estimated Value of Perquisite		
		1967 - 1968	1968 - 1969	1969 - 1970
	<u>NOT</u> <u>APPLICABLE</u>			

02297

STATE OF ARIZONA
PERSONNEL POLICIES

Agency Name: State Board of Technical Registration

SCHEDULE 1A

Policy	Description
Vacation	Each permanent employee accrues during the first year of service one day per month. Beginning with the thirteenth month and thereafter, the employee accrues one and one-half days per month. Maximum accrued vacation allowed to carry over at beginning of year is thirty days.
Sick Leave	Each permanent employee is allowed during the first year of service one working day per month as sick leave. Beginning with the thirteenth month each employee accrues fifteen working days per year as sick leave. Employees are allowed to carry over and accrue a maximum of sixty days at the beginning of any year. No compensation for sick leave days not used over maximum accrued.
Overtime	Applies to permanent personnel other than Executive Secretary and only when directed by Board member or Executive Secretary. Overtime is compensated for an hour for hour basis as special time off and it must be taken off in the month earned.

	Answer
How many hours per day does each employee work?	8:00 A.M. to 5:00 P.M. less lunch 8 hours per day - 5 days per week
Do you record accrued and used vacation and sick leave time for each employee?	Yes
Do you have written job descriptions for each position?	Yes, each employee when fully trained can function in any position except executive secretary's examination duties.
Do you have written salary ranges for each position?	Yes

02298

STATE OF ARIZONA
PROFESSIONAL SERVICES

Agency Name State Board of Technical Registration

SCHEDULE 15

Type of Service	Description and Justification of Service	Amount
Investigative, architectural or engineering contractual services	These services are used as required by the nature of the complaint filed with the Board against a registrant and may require professional investigators, foundation reports, architectural/engineering designs, reports, fees for professional witnesses and reporters.	1,500.00

02299

STATE OF ARIZONA
TRAVEL — STATE

Agency Name State Board of Technical Registration

SCHEDULE 16

Purpose of Travel	Cost of Travel				Total
	State Owned Vehicle Expense	Mileage Reimbursement	Subsistence	Other	
Attendance by members & employees at out of Phoenix Board meetings 2 per year minimum	None	550.00	400.00	50.00	1,000.00
Attendance by members living out of town at Phoenix Board meetings 2 per year minimum	None	250.00	50.00	- 0 -	300.00
Attendance by members at special board or committee meetings in Phoenix or Tucson 8 per year minimum	None	450.00	200.00	50.00	700.00
Travel by executive secretary on Board business in Arizona and examinations, conferences with Board members and visitation with registrants.	None	850.00	300.00	50.00	1,200.00
Travel by investigators, Board members or employee on complaints against registrants.	None	200.00	75.00	25.00	300.00
Total Item 220					3,500.00

Justification for increase over 1968 - 1969 travel amount:

02300

STATE OF ARIZONA
TRAVEL — OUT OF STATE

Agency Name: State Board of Technical Registration

SCHEDULE 17

Destination	Purpose	Number of		Cost of Trip			
		Days	People	Transportation	Subsistence	Other	Total
San Antonio, Texas	Aug. '69-Annual Conference of National Council of Engrg. Examiners	4	2	200.00	240.00	120.00	560.00
Denver, Colo.	Sept. '69-Mid-year meeting of Western Conf. of State Arch. Registration Boards	4	2	125.00	240.00	50.00	415.00
Boise, Idaho	Feb. '70-Annual Confernece of Western Conf. of State Arch. Registration Boards	4	2	250.00	240.00	100.00	590.00
Undecided - one of 14 Western States or Hawaii	May '70-Western Zone Meeting of National Council of Engrg. Examiners	4	1	272.00	120.00	75.00	467.00
Boston, Mass.	June '70-Annual Meeting of Nation Council of Architectural Registration Boards	4	1	273.00	120.00	75.00	468.00
						TOTAL	2,500.00

Justification for increase over 1968 - 1969 travel amount:

02301

STATE OF ARIZONA
FOOD

Agency Name State Board of Technical Registration

SCHEDULE 11

	Actual Expenditures 1965 - 1966	Actual Expenditures 1966 - 1967	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970
Yearly Food Cost					
Average Daily Population					
Average Cost Per Meal					

Average amount of food inventory maintained: _____

Briefly describe the feeding operation:

NOT APPLICABLE

Justification for increase over 1968 - 1969 amount:

02302

STATE OF ARIZONA
CURRENT FIXED CHARGES

Agency Name State Board of Technical Registration

SCHEDULE 19

Object Code	Expenditure Classification	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970	Amount of Increase (Decrease)	Governor's Recommendation
411-412	Rent—Equipment	84.00	100.00	100.00	- 0 -	
413	Rent—Buildings & Offices	3,009.00	3,100.00	5,200.00	2,100.00	
428	Insurance—Liability					
424	Insurance—Building & Equipment	- 0 -	- 0 -	50.00	50.00	
429	Insurance—Burglary & Holdup					
423	Insurance—Industrial					
426	Insurance—Unemployment					
422	Insurance—Other					
421	Bonds of Officials & Employees	10.00	- 0 -	- 0 -	- 0 -	
425	Employer Contributions—Retirement	1,130.00	1,400.00	1,600.00	200.00	
427	Employer Contributions—FOASI	713.00	1,000.00	1,200.00	200.00	
430	Subscriptions and Organization Dues	1,165.00	1,400.00	1,600.00	200.00	
440	Rewards and Awards					
450	Discharge Money					
460	Administrative Cost & Reimbursements					
471	Uniform Allowances					
490	Other Current Fixed Charges					
417	Rent - Other Offices	115.00	100.00	100.00	- 0 -	
					
					
		6,226.00	7,100.00	9,850.00	2,750.00	

02303

STATE OF ARIZONA
 CURRENT FIXED CHARGES
 RENT — EQUIPMENT

Agency Name State Board of Technical Registration

SCHEDULE 20

Description	Period of Rental	Reason For Rental	Amount
Postage Meter	12 mos.	To control use of State funds for postage	84.00
			Allowance for possible increase 16.00
			Total 100.00

Justification for increase over 1968-1969 amount:

02304

STATE OF ARIZONA
CURRENT FIXED CHARGES
RENT — BUILDINGS AND OFFICES

Agency Name State Board of Technical Registration

SCHEDULE 21

Location	Description (Include Services Provided)	No. of Square Feet	Reason for Rental	Amount
3550 N. Central Avenue Suite #408 Phoenix, Arizona	Office space on one year lease, all lights, air conditioning, water and janitorial services are provided.	1,100	No State office space available in location acceptable to registrants or Board	\$ 5,000.00
			Tax	200.00
			TOTAL	\$ 5,200.00

Justification for increase over 1968-1969 amount: 28th Legislature conducted a study which indicated our present space of 640 square feet was cramped. The Board needs regular meeting room and additional files and personnel space is required.

02305

STATE OF ARIZONA
 CURRENT FIXED CHARGES
 INSURANCE

Agency Name State Board of Technical Registration

SCHEDULE 22

Type	Coverage	Reason For Insurance	Budget Request
Fire	Office contents	The Governor's Insurance Blanket Policy has \$1,000 deductible and this policy is to cover this deficit	50.00

Justification for increase over 1968 - 1969 amount:

This policy will expire on 9/25/69 which was issued 9/25/66 for a three-year period and paid for in that fiscal year, therefore, it is to be renewed in fiscal year 1969-1970.

02306

STATE OF ARIZONA
CURRENT FIXED CHARGES
SUBSCRIPTIONS AND ORGANIZATION DUES

Agency Name State Board of Technical Registration

SCHEDULE 23

Name of Publication	Amount	Name of Organization	Amount	Total Amount
Arizona Republic	24.00			24.00
Arizona Legislative Review	6.00			6.00
		National Council of Engineering Examiners	600.00	600.00
		National Council of Architectural Registration Boards	370.00	370.00
		National Council of Landscape Architectural Registration Boards	200.00	200.00
		Western Conference of State Architectural Registration Boards	400.00	400.00
			TOTAL	1,600.00

Justification for increase over 1968-1969 amount:

The organization dues for the National Councils are determined by the number of registrants and due to an increase in the number granted each year, these dues are pro-rated to allow for this increase. Also, since the addition of landscape architecture proficiency to this Board, new organization dues will be required for their National Council.

02307

STATE OF ARIZONA
 CURRENT FIXED CHARGES
 UNIFORM ALLOWANCE

Agency Name State Board of Technical Registration

SCHEDULE 24

Classification of employees eligible for a uniform allowance	Actual Expenditures 1967 - 1968		Estimated Expenditures 1968 - 1969		Budget Request 1969 - 1970	
	No. of Employees	Amount per Employee	No. of Employees	Amount per Employee	No. of Employees	Amount per Employee

Justification for uniform allowance:

NOT APPLICABLE

Justification for increase in uniform allowance:

02308

STATE OF ARIZONA
OTHER CURRENT EXPENDITURES

Agency Name: State Board of Technical Registration

SCHEDULE 25

Object Code	Expenditure Classification	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970	Amount of Increase (Decrease)	Governor's Recommendation
211	Postage.....	1,493.00	2,200.00	2,600.00	400.00	
212	Telephone & Telegraph.....	1,238.00	1,216.00	1,600.00	384.00	
215	Heat, Light, Power & Water.....					
260	Maintenance & Repairs.....	128.00	142.00	200.00	58.00	
270	Care of Institutional Wards.....					
280	Trainees.....					
291	Entertainment.....					
293	Cleaning & Waste Removal.....	41.00	50.00	75.00	25.00	
294	Fees.....					
296	Annual Reports.....	2,080.00	- 0 -	5,000.00	5,000.00	
310	Office Supplies.....	3,889.00	4,000.00	4,500.00	500.00	
322	Household Supplies.....					
324	Drugs, Medical & Surgical Supplies.....					
325	Educational & Recreational Supplies.....					
326	Clothing & Personal Supplies.....					
350	Vehicle Supplies.....					
360	Special Supplies.....					
370	Construction & Maintenance Supplies.....	10.00	20.00	50.00	30.00	
	Photographs.....	66.00	100.00	100.00	- 0 -	
390	Other Current Expenditures (Specify).....					
295	Railway Express.....	36.00	50.00	50.00	- 0 -	
299	Miscellaneous.....	3,962.00	4,000.00	5,000.00	1,000.00	
	TOTAL.....	12,943.00	11,778.00	19,175.00	7,397.00	

02309

STATE OF ARIZONA
OTHER CURRENT EXPENDITURES
JUSTIFICATION FOR AMOUNT OF INCREASE OR (DECREASE)

Agency Name State Board of Technical Registration

SCHEDULE 26

Expenditure Classification	Amount of Increase (Decrease)	Justification
211 Postage	400.00	Increased Board activities
212 Telephone & Telegraph	384.00	Increased Board activities
293 Cleaning & Waste Removal	25.00	Increased Board activities
296 Annual Reports	5,000.00	Increased printer's costs and not published previous year
299 Miscellaneous	1,000.00	Increased Board activities and examination costs
310 Office Supplies	500.00	Increased Board activities
370 Const. & Maint. Supplies	30.00	Increased Board activities
260 Maintenance & Repair	58.00	Increased Board activities
TOTAL	7,397.00	

02310

STATE OF ARIZONA
FIXED CHARGES

Agency Name _____

SCHEDULE 27

Object Code	Expenditure Classification	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970	Amount of Increase (Decrease)	Governor's Recommendation
510	Interest.....					
530	School Lunches.....					
551	Indian Education.....					
552	Indian School Lunches.....					
553	Occupational Training.....					
520	Pensions & Relief Payments (Specify).....					
					
					
					
					
		<u>NOT A P P L I C A B L E</u>			
					
					
540	Apportionments (Specify).....					
					
					
					
					
					
					
590	Other Fixed Charges (Specify).....					
					
					
					
					

02311

STATE OF ARIZONA
FIXED CHARGES
JUSTIFICATION FOR AMOUNT OF INCREASE OR (DECREASE)

Agency Name State Board of Technical Registration

SCHEDULE 2B

Expenditure Classification	Amount Increase (Decrease)	Justification
		<u>NOT APPLICABLE</u>

02312

STATE OF ARIZONA
CAPITAL OUTLAY — EQUIPMENT, REPLACEMENTS

Agency Name State Board of Technical Registration

SCHEDULE 30

Type of Equipment and Description	Item To Be Replaced			Justification	Amount
	Description	Age	Condition		
1 ea. IBM Electric Typewriter, long carriage	Same	8 yrs	Servicable	This is a routine replacement of typewriters which was set up over 5 years ago and this item is scheduled for replacement in fiscal 1969-1970	500.00

02314

STATE OF ARIZONA
CAPITAL OUTLAY — EQUIPMENT, NEW

Agency Name State Board of Technical Registration

SCHEDULE 31

Type of Equipment and Description	Justification	Amount
Microfilm card reader printer	Microfilming of permanent record files of registrants has been authorized by the Board since 1958. This agency has since that time been accumulating reserve funds to implement this program. Micro-filming will be done by the Library and Archives for a permanent record.	1,500.00
Microfilm file cabinet and file jackets		500.00
	total	2,000.00

02315

STATE OF ARIZONA
 SUMMARY OF CAPITAL OUTLAY — LAND, BUILDINGS AND IMPROVEMENTS
 1969 - 1970

Agency Name State Board of Technical Registration

SCHEDULE 22

Project Title	Priority No.	Total Cost	Prior Appropriation	Request for 1969 - 1970 Funds			
				General	Federal	Other	Total
		<u>NOT</u>	<u>APPLICABLE</u>				
Total							

02316

STATE OF ARIZONA
1969-1970 INDIVIDUAL PROJECT REQUEST FOR CAPITAL OUTLAY—LAND, BUILDINGS AND IMPROVEMENTS

Agency Name: STATE BOARD OF EPIDEMIOLOGICAL REGISTRATION Project Title: _____ Priority Number: _____

Total Estimated Cost: _____ Estimated Cost Made By: _____ Completion Date: _____

Description of Project:

Justification of Project.

NOT APPLICABLE

COST OF PROJECT								
Land Acquisition	Land Improvements	Building Construction	Building Renovation	Built In Equipment	Furnishings	Professional Services	Other Costs	Total Request

FUNDING OF PROJECT					
	General Funds	Federal Funds	Other Funds		Total Request
			Name	Amount	

ANNUAL COST OF OPERATING PROJECT					
(First Full Fiscal Year of Operation)	Personal Services		Operating Expenses	Other Cost	Total Cost
	FTE No.	Amount			

02317

STATE OF ALABAMA
CAPITAL OUTLAY — LAND, BUILDINGS AND IMPROVEMENTS
FIVE YEAR PROJECTION

Agency Name State Board of Technical Registration

SCHEDULE 34

Project Title	Total Cost	Prior Appropriation	1969 - 1970	1970 - 1971	1971 - 1972	1972 - 1973	1973 - 1974
		<u>NOT</u>	<u>APPLICABLE</u>				

02318

STATE OF ARIZONA
CAPITAL OUTLAY — OTHER CAPITAL OUTLAY

Agency Name State Board of Technical Registration

SCHEDULE 35

Type and Description	Justification	Amount
<u>NOT</u> <u>APPLICABLE</u>		

02319

STATE OF ARIZONA
OTHER EXPENDITURES

Agency Name State Board of Technical Registration

SCHEDULE 36

Expenditure Classification	Actual Expenditures 1967 - 1968	Estimated Expenditures 1968 - 1969	Budget Request 1969 - 1970	Amount of Increase (Decrease)	Governor's Recommendation
930 Refunds	245.00	300.00	350.00	50.00	

023320

REPORT OF GRIEVANCE COMMITTEE #1

It was moved by Mr. Dryden and seconded by Mr. Girand that the Committee report of Grievance Committee #1, dated September 20, 1968, per Minute Pages 2322 and 2323, be accepted. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #2

No meeting and no report.

REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

The Executive Secretary reported that no action had been taken for finding another space or larger quarters for the Board and that, as our lease expires October 31, 1968, we would go on a month to month basis to June 30, 1969, as per letter from Murdock Development Company, Minute Page 2324.

Mr. Feldman, as Chairman of the Special Office Procedures Committee, circulated a report to the members of the Board and discussed with them their proposals, which follows as per Minute Pages 2325, 2326 and 2327. It was moved by Mr. Girand and seconded by Dean Hall that the Special Office Procedures Committee report be accepted. Motion carried.

REPORT OF THE EXECUTIVE SECRETARY

The Executive Secretary submitted Cash Flow Report #1 for consideration by the members of the Board. This report shows as per Minute Page 2328.

The Executive Secretary, also, submitted to the members of the Board a Statement of Receipts and Expenditures for the period July 1, 1967 through June 30, 1968, as reconciled with the State Auditor's Report. This Statement and Reconciliation follows as Minute Pages 2329 and 2330.

READING OF COMMUNICATIONS

Letter from H. A. Kinnison, Civil Engineer, No. 4070, as per Minute Page 2331, was read to the Board for their information. Discussion followed that the Board was doing as authorized under the Statutes and that Mr. Kinnison's letter should be answered.

UNFINISHED BUSINESS

The Executive Secretary and the Assistant Attorney General reported on the status of the Duncan E. Britt case, Complaint No. 67002. The findings of the Superior Court of Pima County, as per Minute Pages 2332, 2333 and 2334. It was moved by Mr. Girand and seconded by Dr. Newlin that the Board not appeal the findings of the Superior Court in the above matter. Motion carried.

DATE: September 20, 1968

TO: State Board of Technical Registration
 FROM: Grievance Committee #1
 SUBJECT: Grievance Committee #1 Report of September 20, 1968

The Grievance Committee #1 meeting was called to order at 9:00 A.M., September 20, 1968, by Chairman Dryden, and those present were:

C. W. Dryden, Chairman
 Earle M. Cassidy
 John Girand
 Bennie M. Gonzales
 Charles W. Newlin
 M. L. Vanlandingham

Other Board members present were, together with Assistant Attorney General, Joe Clifford:

N. R. Feldman
 Lew Place

The Executive Secretary reported to the committee that Mr. Robert M. Williams, Jr., a registered Land Surveyor, had apparently complied with the request of this committee at its June meeting regarding his letterheads, checks and other documents. Mr. Dryden reported that he had checked the items discussed and recommended that the matter be closed.

The Executive Secretary reported that letters had still not been sent out to the following non-registrants and apparently these would go out in the near future:

1-67-05-01	Hunt, Kelly
1-67-05-02	Stark, G. W.
1-67-05-03	Carlson, George O.
1-67-05-04	Roosen's Design Service

The Executive Secretary reported that no investigation had been carried on in the following, but, with the exception of the items in Havasu City, it was recommended that they be closed:

1-67-10-11	Lane and Swensom Desert Lawn Memorial Mausoleum
------------	--

It was further reported that BB Engineering, reported to the committee at the June meeting of the Board, was apparently out of business as we were unable to contact them, and that the Engineering Corporation of America was not a complaint of the Board and apparently discussion should be held by the principals with the Corporation Commission.

Discussion was held by the members of the committee that items of complaint not strictly in violation of the Technical Registration Act be referred to the various committees of Arizona Society of Professional Engineers and American Institute of Architects for action on their part. It was moved by Mr. Girand and seconded by Dr. Newlin that this be done. Motion carried.

The Executive Secretary presented a set of plans under the seal and signature of George H. Steele, registered Civil Engineer. Discussion followed and it was moved by Dr. Newlin and seconded by Mr. Gonzales that Mr. Steele be notified that Civil Engineers were not permitted to practice in the field of architecture. Motion carried.

It was reported on an advertisement in the Lake Havasu City Herald regarding Joe Yogerst in which the individual was referred to as an architect and that we were able in a subsequent edition to receive a statement by the newspaper that he was inadvertently referred to as such.

The committee then discussed the complaint filed by Guirey, Srnka, and Arnold regarding their plans for Mary Moppets, Inc., which was alleged by them as having been plagiarized by Stefan Ryciak, a registered architect, for use of the Montessori Systems School. Review of the documents presented by the members of the committee and discussion of the general architectural practice in Arizona ensued. Mr. Ryciak had been invited on September 3rd to appear before this committee and the Executive Secretary indicated that he was present.

It was moved by Mr. Girand and seconded by Dr. Newlin that this committee close the complaint as the matter did not appear to be a violation of the Technical Registration Act in that no evidence was presented to substantiate other than an apparent similarity between the plans. Motion carried.

At the direction of the Chairman, the Executive Secretary thanked Mr. Ryciak for his attendance and apologized for waiting while the matter was discussed by the members of the Board, but, that it was not necessary to add his testimony to the matter at hand.

Discussion took place on the complaint from Acme Neon Sign Company regarding Donald Burns Bauer, but no action on the status of this item was taken.

There being no further business before the Committee, the Chairman adjourned the meeting.

Respectfully submitted,

C. W. Dryden
Chairman

DAVID H. MURDOCK DEVELOPMENT COMPANY

UNITED BANK BUILDING · 3550 N. CENTRAL · PHOENIX, ARIZONA 85012 · (602) 279-8261

02324



DEVELOPMENT
LEASING
OWNER MANAGEMENT

August 28, 1968

RECEIVED

AUG 29 1968

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
Suite 408
United Bank Building
3550 North Central Avenue
Phoenix, Arizona 85012

Gentlemen:

As you know, your current lease expires October 31st of this year. We hereby offer to put you on a month to month basis at a monthly rental rate of \$267.91 plus taxes. This month to month arrangement under no circumstances would extend beyond July 1, 1969.

Please advise us of your thoughts on this matter.

It has been a pleasure to have you as a tenant in the past and I am looking forward to a continued fine relationship in the future.

Yours truly,

Richard C. Allen,
Manager

RCA/vb

We are still TOYING with IDEAS on how to EXPEDITE and IMPROVE OUR OFFICE PROCEDURE.

I. LARGER QUARTERS

- A. A must with the added LANDSCAPE ARCHITECTURE discipline our LEGISLATURE has blessed us with.
- B. A BOARD ROOM.

II. DATA PROCESSING

HAVE NOTHING MORE TO ADD to our previous report.

It may be of INTEREST to NOTE BANKS have as they term it BUSINESS DEVELOPMENT TEAMS to create work for their COMPUTER IDLE TIME.

So far THEY can HANDLE:

- A. HAVE YOUR MAIL DELIVERED to their office.
- B. FERRET out the REMITTANCES.
- C. DEPOSIT
- D. Give you a DAILY TABULATION of receipts with name, address and what other identifying characteristics they can obtain from each check.
- E. SEND your OTHER MAIL on to you pronto.
- F. At a smaller cost and with very little programing cost.

We will continue to study and when and if what's offered is interesting, we will report.

III. THE MICROFILMING as explained by Walter Edelblutt.

Walter did supply each of us with a complete work up.

The outlay of \$1400 plus office preparation labor, when and if the money is available would:

- A. Make office space available.
- B. Safeguard our records.

IV. EXAMINATIONS

Static had been created after the last board meeting as to typing exam problems on 6 X 8 cards.

We would welcome suggestions as to how to improve on our exam procedures.

V. CODE - RULES WRITTEN EXAMS

- A. At the last LANDSCAPE ARCHITECT EVALUATION COMMITTEE SESSION, suggestion was made as to having our APPLICANTS take a written exam on the law up in OUR OFFICE SUPERVISED BY ONE OF THE STAFF just prior to his PERSONAL AUDIENCE - SAVING 10 MINUTES which WE COULD SPEND on an ORAL on his EXPERIENCES.
- B. WE SUBMIT HEREWITH such a SUGGESTED EXAM.
33 QUESTIONS. 75% could be a VERY, VERY GOOD passing grade.
- C. YOUR COMMENTS AND RECOMMENDATION OR DISAPPROVAL will be cheerfully WELCOMED.

VI. REGISTRANTS FILE CARD

We offer herewith a REASONABLE FACSIMILE of an IMPROVED APPLICANT'S RECORD-

SUBMITTED CARD - top side the 1920 to 1950's
 REVERSE SIDE same except years 1960 thru 1990's.
 Cost of 10,000 printed 2 sides. 5 X 8 -- \$101.25
 6 X 10 - 141.55

IN DUPLICATE - ONE CARD FILES AS BEFORE - ONE CARD FILED BY DISCIPLINES.
 LABOR TO CONVERT ESTIMATE 5¢ per registrant - approximately \$275.00.
 Again we would like your reactions.

VII. ANNUAL REPORT

- A. When and if funds become available
 - B. 5500 copies - 128 pages - principally offset
 - C. Printing cost
 - 1. 128 pages @ 18.00 - - - - - \$2304.00
 - 2. Covers- - - - - \$ 293.00
 - 3. One half tone - - - - - \$ 3.50
 - 4. 5500 Address labels - no gummed - - - - - \$ 30.00
- | | | | |
|--|------------|-----------|-----------|
| | \$ 2630.50 | | |
| | Tax | \$ 105.20 | \$2735.70 |
- D. Plastic Binders 5500 X 3/8" @ 6.60C COLOR BROWN . . . 363.00
 If bronze match and imprint on edge - add 166.50
 - E. To type up lists for camera ready - - - - - 110.00
 - F. Plastic mailing or kraft bags - - - - - 125.00
 - G. Proofread camera ready - - - - - 55.00

H. Embossed individual label on covers

02327

If desired, add 5500 X 5¢ 275.00

I. Labor to address labels - punch all pages and covers -
zip sort - CERLOX BINDERS - INSERT in MAILERS and to
post office.

Not to exceed 5500 X 10¢ - - - - - \$ 550.00

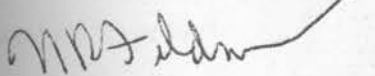
\$3938.70

Samples of the proposed mailed directory - Also a SIMILAR MAILING -
Color samples of BINDER, etc. are herewith submitted.

WE MAY ADD - These figures are based on a Tucson PRODUCTION - Where
you may be able to enlist the services of a Tucson Board Member at the
usual Board members scale of wages - thereby affecting a possible
reduction.

Again May we add - Your COMMENTS - CONSTRUCTIVE - CRITICAL - or
otherwise will be GRATEFULLY WELCOMED.

RESPECTFULLY SUBMITTED,



N. R. Feldman

CASH FLOW REPORT - #1

Date: September 10, 1968

Balance on Deposit as of July 1, 1968 - \$20,187.87

Total Appropriated Receipts
to Date - \$2,325.65

Balance on Deposit as of Report Date - \$22,513.52

Code	Classification	Amount Appropriated	Total Spent To Date	Balance for Year
110	Salaries	\$25,600.00	\$5,333.30	\$20,266.70
	Other Current Expenditures	\$25,178.00		
111	Postage		\$ 512.51	
112	Telephone		191.44	
120	Travel - State		257.55	
130	Travel - Out-of-State		281.95	
140	Professional Services		- 0 -	
162	Equipment Maint. & Repair		11.38	
193	Janitor Services		29.00	
195	Railway Express		- 0 -	
196	Annual Report		814.70	
199	Miscellaneous		594.92	
210	Office Supplies		1,009.80	
270	Keys		6.40	
290	Photographs		- 0 -	
411	Rent - Office Equipment		21.84	
413	Rent - Office		752.34	
417	Rent - Other Offices		5.00	
425	State Retirement		213.32	
427	OASI		134.96	
430	Subscriptions & Org. Dues		29.40	
431	Office Equipment		- 0 -	
430	Refunds		9.00	
465	Revolving Fund		750.00	
	TOTALS	\$50,778.00	\$10,958.81	\$19,552.49
			\$5,625.51	\$39,819.19

STATE BOARD OF TECHNICAL REGISTRATION

02329

STATEMENT OF RECEIPTS AND EXPENDITURES

July 1, 1967 through June 30, 1968

Exhibit A

RECEIPTS

APPLICATION FEES

Architects, Engineers & Geologists	\$ 7,500.00	
Assayers & Land Surveyors	330.00	
Engineer-, Architect-, Geologist-in-Training	<u>1,080.00</u>	

\$ 8,910.00

40,415.00

ANNUAL RENEWAL FEES

Penalty for Delinquent Renewal	\$ 620.50	
Temporary Certificates	1,500.00	
Examination Fees	7,110.00	
Annual Report Copies	53.00	
New Certificates	30.00	
Miscellaneous	8.90	
NCARB Personal Audience	10.00	
NCARB Senior Examination	50.00	
AIT Log Books	<u>5.00</u>	

Total Other Receipts

9,387.40

TOTAL RECEIPTS

\$58,712.40

EXPENDITURES

Salaries	\$22,600.00	
Postage	1,493.00	
Telephone	1,237.96	
Travel - State	2,895.69	
Travel - Out of State	2,039.48	
Professional Services	2,074.40	
Equipment Maintenance & Repair Service	127.62	
Janitor Services	41.00	
Transportation of Things	36.60	
Printing of Annual Report	2,080.00	
Miscellaneous Contractual Services	3,962.20	
Office Supplies	3,888.73	
Other Supplies, Materials & Parts	76.25	
Rent - Office Equipment	84.00	
Rent - Other Offices, Auditorium	114.50	
Bond - Officers	10.00	
Employer's Contribution for State Retirement & OASI	1,842.72	
Subscription & Organization Dues	1,165.20	
Capital Outlay	<u>43.00</u>	

TOTAL EXPENDITURES

\$48,821.71

Excess of Receipts over Expenditures

\$ 9,890.69

STATE BOARD OF TECHNICAL REGISTRATION
RECONCILIATION OF BOARD'S RECORDS
WITH STATE AUDITOR'S RECORDS

June 30, 1968

Exhibit B

BALANCE per State Auditor's Record		
July 1, 1967		\$16,413.68
ADD: Receipts	58,712.40	
Less Refunds	245.25	
Total Receipts per Board's Records (Exhibit A)		<u>\$58,467.15</u>
		\$74,880.83
LESS: Transfer to the General Fund		<u>5,871.25</u>
Total Funds Available per State Auditor's Records		\$69,009.58
LESS: Expenditures Paid per Board's Records (Exhibit A)		<u>48,821.71</u>
Balance per State Auditor's Records, June 30, 1968		\$20,187.87

H. A. KINNISON
Consulting Engineer

02331

1135 N. PALO VERDE
TUCSON, ARIZONA

P. O. Box 6642

PHONE 327-~~9333~~¹⁸⁸⁸

16 July 1968

State Board of Technical Registration
Suite 408, Guaranty Bank Building
3550 N. Central Ave.
Phoenix, Arizona

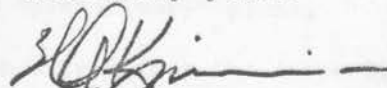
Gentlemen:

With my 46th annual report, received today, there was a notice which in the 4th paragraph indicated an intention to uphold the requirement that all buildings worth more than \$10,000 be designed by registrants.

Does this apply to all new construction and alterations? Does it only apply to buildings? What about water systems, wells, dams, sewage plants, etc.? Or does it perhaps apply and is not politic to enforce now? (I am not being facetious or ironical in the last statement) Does the board intend to enforce this provision through the courts? Or has the board reached some agreement with the various municipalities and county agencies to withhold permits?

This provision and its enforcement could be extremely important to the engineers and architects of the state. If it were possible, I should like to see such questions as I have asked answered in a letter to all registrants, not only myself.

Sincerely yours



H. A. Kinnison

RECEIVED
JUL 17 1968
STATE BOARD TECHNICAL REGISTRATION

IN THE SUPERIOR COURT OF THE STATE OF ARIZONA

IN AND FOR THE COUNTY OF PIMA

DUNCAN E. BRITT,)

Plaintiff)

vs.)

THE ARIZONA STATE BOARD)
OF TECHNICAL REGISTRATION,Defendant.)

No. 105327

FINDINGS OF FACT AND

CONCLUSIONS OF LAW

Upon trial before this court on May 16, 1968, the court makes the following findings of fact:

1. That the plaintiff was registered as an engineer in Arizona in 1961, and has continued to be a registered engineer in the state since that time.
2. That he is registered as an engineer in approximately twelve other states with a main office at Fort Lauderdale, Florida.
3. That the plans in issue were originally prepared by the plaintiff in connection with another project, and were then changed for the current job under the plaintiff's instructions and use of the plaintiff's seal and name authorized by said plaintiff.
4. That the plans were done on an accommodation basis for the Desert Museum without fee to plaintiff.
5. That the plans were intended as "preliminary" plans.
6. That the plaintiff inspected the site before the inspection actually took place, and was in Tucson for two days working out final drawings.
7. That the final plans were drafted by the plaintiff in Fort Lauderdale, Florida.

CONCLUSIONS OF LAW

Upon the foregoing, the court finds that the revocation of plaintiff's registration was too severe a penalty, and therefore an unreasonable action by the defendant board under the unusual set of circumstances in this case.

DONE IN OPEN COURT this _____ day of August, 1968.

Judge of the Superior Court

Copy of the foregoing mailed to
 Joseph E. Clifford, III
 Assistant Attorney General
 159 Capitol Building
 Phoenix, Arizona
 this _____ day of August, 1968.

Robert W. Pickrell

IN THE SUPERIOR COURT OF THE STATE OF ARIZONA
IN AND FOR THE COUNTY OF PIMA

Duncan E. Britt,)
Plaintiff,)
vs.)
THE ARIZONA STATE BOARD)
OF TECHNICAL REGISTRATION,)
Defendant.)
_____)

No. 105327
JUDGMENT

This case having come on for trial the 16th day of May, 1968, and the court having entered its findings of fact and conclusions of law, it is ORDERED, ADJUDGED AND DECREED under the authority of A.R.S. 12-911 that the revocation heretofore ordered by the Arizona State Board of Technical Registration on or about December 18, 1967, be revoked and set aside, and it is

FURTHER ORDERED that the plaintiff's certificate of registration be reinstated forthwith.

DONE IN OPEN COURT this _____ day of August, 1968.

Judge of the Superior Court

This form of judgment is lodged with the court under the provisions of Rule XI, Rules of Practice in Pima County, and a copy thereof has been mailed this _____ day of August, 1968, to:
Joseph E. Clifford, III
Assistant Attorney General
159 Capitol Building
Phoenix, Arizona

Robert W. Pickrell

NEW BUSINESS

The Executive Secretary requested discussion on whether or not the Board should solicit bids for the Forty-Seventh Annual Report and receive and open same at the December meeting.

It was moved by Mr. Girand and seconded by Dean Hall that there be a call for bids on the Forty-Seventh Annual Report and receive and open same at the December meeting of the Board. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Newlin that the following dates be established for meetings of the Architectural, Engineering and Landscape Architectural Committees as well as the regular meeting of the Board. Motion carried.

Architectural Evaluation Committee - November 18, 1968

Landscape Architectural Evaluation Committee - November 19, 1968

Engineering Evaluation Committee - November 20, 21 and 22, 1968

Regular Board Meeting (Phoenix, Arizona) - December 5 and 6, 1968

Mr. Dryden, as Chairman of the Rules and By-Laws Committee, advised the Board that the election of new officers was to be made at this meeting.

It was moved by Mr. Dryden and seconded by Mr. Girand that the election of officers for the 1968-1969 year be the next order of business. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Gonzales that Mr. Feldman be elected Chairman. Motion carried.

It was moved by Mr. Girand and seconded by Dean Hall that the nominations be closed for the office of Chairman. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Dryden that Mr. Place be elected Vice-Chairman. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Cassidy that the nominations be closed for the office of Vice-Chairman. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Place that Mr. Vanlandingham be elected Secretary. Motion carried.

It was moved by Mr. Dryden and seconded by Dean Hall that the nominations be closed for the office of Secretary. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Gonzales that the above election of officers were carried by an unanimous vote. Motion carried.

Chairman Vanlandingham was presented a plaque for his service to the Board by Mr. Dryden and he thanked the members of the Board for their assistance during his term.

LS
Evaluation
Committee

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION
COMMITTEE APPOINTMENTS
1968-1969

02336

Executive Committee:	Entire Board
By-Laws & Rules Committee:	C. W. Dryden, Chairman M. L. Vanlandingham John Girand
Legislative Committee:	C. W. Dryden, Chairman M. L. Vanlandingham John Girand
Public Information Committee:	Entire Board
NCARB Committee:	M. L. Vanlandingham, Chairman Bennie M. Gonzales Lew Place
NCEE Committee:	Charles W. Newlin, Chairman Earle M. Cassidy David J. Hall
Budget Committee:	Earle M. Cassidy, Chairman John Girand Lew Place
Grievance Committee #1:	Earle M. Cassidy, Chairman C. W. Dryden John Girand Bennie M. Gonzales Charles W. Newlin M. L. Vanlandingham
Grievance Committee #2:	Lew Place, Chairman N. R. Feldman David J. Hall
Special Office Procedures Committee:	M. L. Vanlandingham, Chairman Earle M. Cassidy Lew Place
Evaluation and Examination Committees:	
Architects:	Bennie M. Gonzales, Chairman Lew Place M. L. Vanlandingham
Engineers:	Charles W. Newlin, Chairman C. W. Dryden N. R. Feldman John Girand David J. Hall Earle M. Cassidy
Landscape Architects:	M. L. Vanlandingham, Chairman Earle M. Cassidy Bennie M. Gonzales C. W. Dryden
Ad-Hoc Committee for Rule Change:	Bennie M. Gonzales, Chairman Earle M. Cassidy C. W. Dryden John Girand

ADJOURNMENT

There being no further business to come before the Board, the Chairman announced that the meeting was adjourned at 12:00 P.M., September 20, 1968.

Mr. Feldman, as the new Chairman, made the Committee appointments for the coming year, per the preceding Minute Page 2336.

Chairman

M. B. Van Lief

Secretary

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
December 13, 1968

The meeting of the State Board of Technical Registration was called to order by Mr. N. R. Feldman, Chairman, in the Auditorium, 2nd Floor, United Bank Building, Phoenix, Arizona, at 9:35 A.M., December 13, 1968.

PRESENT

N. R. Feldman, Chairman
M. L. Vanlandingham, Secretary
Earle M. Cassidy
C. W. Dryden
John Girand
Bennie M. Gonzales
David J. Hall
Charles W. Newlin
Joseph Clifford, Asst. Atty. Gen.

ABSENT

Lew Place, Vice-Chairman

It was moved by Mr. Girand and seconded by Dean Hall that the minutes of the meeting of the Board on September 19 and 20, 1968, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No meeting and no report.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

At this time, Chairman Feldman acknowledged the presence of those who were in attendance on the adoption of the rules and regulations.

Mr. Gonzales, Chairman, read the report of the Ad-Hoc Committee on Rule III, as shown on Minutes Pages 2339 and 2340, and it was moved by Mr. Girand and seconded by Mr. Dryden that the report of the Ad-Hoc Committee on Rule III be accepted. Motion carried.

Mr. Dryden, Chairman, read the report of the Rules and By-Laws Committee, as shown on Minute Page 2341, and it was moved by Mr. Dryden and seconded by Mr. Vanlandingham that the report of the Rules and By-Laws Committee be accepted and implemented. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Dryden, Chairman, read the report of the Legislative Committee. It was moved by Mr. Dryden and seconded by Dean Hall that the report be amended to include Arizona Association of Landscape Architects in those societies listed, as shown on Minute Page 2342. Motion carried. It was moved by Mr. Dryden and seconded by Mr. Girand that the report of the Legislative Committee, as amended, be accepted and implemented. Motion carried.

Chairman Feldman requested of the visitors that if they had any comments on these rules and regulations that they please rise, state their name, where from, their affiliation and discipline. Of those that had comments, there were no dissenting statements on the adoption of the above reports.

Mtg about
Landscape

DATE: December 5, 1968

TO: State Board of Technical Registration
FROM: Ad-Hoc Rule Committee
SUBJECT: Proposed Rule III

At the September 20th meeting of the Board, Chairman Vanlandingham appointed the following to be members of the Ad-Hoc Rule Committee for the purpose of meeting with interested registrants and conducting, in depth, discussions of Rule III as originally proposed to the Board:

Bennie M. Gonzales, Chairman
Earle M. Cassidy
C. W. Dryden
John Girand

The Committee scheduled for its first meeting the date of October 8, 1968, in the Auditorium of the United Bank Building and held discussions at that time with approximately 75 registrants, some of whom were represented by their attorneys. It was the consensus of the Committee at this meeting that Rule III as now proposed was wholly unacceptable to the registrants and that an additional meeting of the Committee, where the registrants make written proposals, was required.

A second meeting was scheduled for November 12, 1968, in the Auditorium of the United Bank Building and a substituting proposal for Rule III was made by the American Institute of Architects, Consulting Engineers Council and the Arizona Society of Professional Engineers by the attorney representing this group. Discussion was held on the written proposal and the proposal, as amended to include land surveying, is as follows:

"Architects, Engineers, Landscape Architects and Land Surveyors may engage in architectural, engineering, landscape architectural or land surveying practice insofar as such practice is in accord with the custom and tradition of architecture, engineering, landscape architecture and land surveying."

It was moved by Mr. Girand and seconded by Mr. Cassidy that Rule III (A) of the proposed rules, subsections one through four, be deleted and the following become Rule III (A):

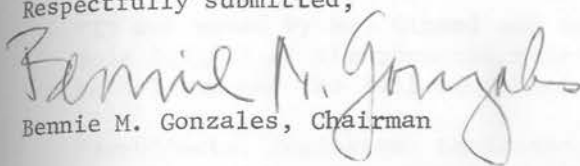
"Architects, Engineers, Landscape Architects and Land Surveyors may engage in architectural, engineering, landscape architectural or land surveying practice insofar as such practice is in accord with the custom and tradition of architecture, engineering, landscape architecture and land surveying."

Motion carried.

It was moved by Mr. Girand and seconded by Mr. Dryden that this Committee recommend to the Board that the Board request the professional and technical societies to instigate and coordinate efforts to amend the registration statute. This motion particularly names the American Institute of Architects, Arizona Society of Professional Engineers, Consulting Engineers Council, American Congress on Surveying and Mapping, American Society of Landscape Architects and Arizona Association of Landscape Architects, with other professional societies included should they desire to do so. Motion carried.

It was moved by Mr. Cassidy and seconded by Mr. Dryden that this Committee recommend the above to the Board of Technical Registration and be dissolved at the conclusion of this meeting, November 12th. Motion carried.

Respectfully submitted,


Bennie M. Gonzales, Chairman

DATE: December 5, 1968

TO: State Board of Technical Registration

FROM: Rules and By-Laws Committee, C. W. Dryden, M. L. Vanlandingham, John Girand

SUBJECT: Report of Ad-Hoc Rule Committee for Rule III

The standing committee of Rules and By-Laws having considered the report of the Ad-Hoc Rule Committee concurs with the report and recommends to the Board that the proposed rules on which a formal hearing was conducted on September 19th be revised to reflect the following motion on action taken by the Ad-Hoc Rule Committee:

"It was moved by Mr. Girand and seconded by Mr. Cassidy that Rule III (A) of the proposed rules, subsections one through four, be deleted and the following become Rule III(A):

"Architects, Engineers, Landscape Architects and Land Surveyors may engage in architectural, engineering, landscape architectural or land surveying practice insofar as such practice is in accord with the custom and tradition of architecture, engineering, landscape architecture and land surveying."

It is the recommendation of this standing committee that its report of this date be accepted and implemented by the Board.

Respectfully submitted,



C. W. Dryden, Chairman

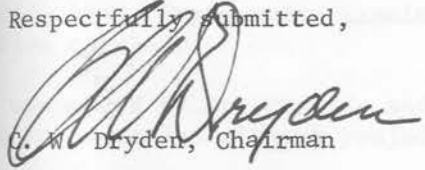
DATE: December 5, 1968
(as amended)

TO: State Board of Technical Registration
FROM: Legislative Committee, C. W. Dryden, M. L. Vanlandingham, John Girand
SUBJECT: Report of Ad-Hoc Rule Committee for Rule III

The standing Legislative Committee having considered the report of the Ad-Hoc Rule Committee for Rule III concurs with their report as presented. This Committee further recommends to the Board that the following motion as made by the Ad-Hoc Rule Committee reflects the thoughts of this group:

"It was moved by Mr. Girand and seconded by Mr. Dryden that this Committee recommend to the Board that the Board request the professional and technical societies to instigate and coordinate efforts to amend the registration statute. This motion particularly names the American Institute of Architects, Arizona Society of Professional Engineers, Consulting Engineers Council, American Congress on Surveying and Mapping, American Society of Landscape Architects and Arizona Association of Landscape Architects, with other professional societies included should they desire to do so."

It is recommended that the report of the Legislative Committee of this date be accepted and implemented by the Board.

Respectfully submitted,

C. W. Dryden, Chairman

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REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

Mr. Gonzales, Chairman, Architectural Evaluation Committee, read the Architectural Evaluation Committee meeting report of November 19, 1968, as shown on Minute Pages 2344 and 2345. It was moved by Mr. Gonzales and seconded by Dean Hall that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Vanlandingham, Chairman, Landscape Architectural Evaluation Committee, read the Landscape Architectural Evaluation Committee meeting report of November 20, 1968, as shown on Minute Page 2346. At this time, several of the visitors made comments on the report, indicating objections thereto.

It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Mr. Cassidy was recorded as voting nay. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Dryden that the Board instruct the Landscape Architectural Evaluation Committee Chairman to require the Evaluation Committee to include on their evaluation of landscape architects a representative holding landscape architectural registration. Motion carried.

Dr. Newlin, Chairman, Engineering Evaluation Committee, submitted the Engineering Evaluation Committee meeting report of November 20, 21 and 22, 1968, as shown on Minute Pages 2347, 2348 and 2349. It was moved by Dr. Newlin and seconded by Mr. Dryden that this report be accepted and implemented by the Board. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Newlin that the schedule of the April, 1969, Engineering Examinations, shown on Minute Page 2350, be approved. Motion carried.

It was moved by Mr. Cassidy and seconded by Dean Hall that the following applicants are to be denied without prejudice and refund at their request. Motion carried.

Bialkowski, Michael	67-324	Electrical Engineer
Isley, Webb Raymond	68-47	Architect
Knoper, Harold J.	68-46	Engineer-in-Training
Koepke, Melvin Bernard	68-147	Mechanical Engineer
Kovac, Frederick Peter	68-16	Engineer-in-Training
Paul, Eugene	68-97	Architect
Rodowicz, Stefan Joseph	63-399	Structural Engineer
Schell, Norman E.	67-220	Chemical Engineer
Sizemore, James Dixon	68-190	Electrical Engineer
Smith, Dan Walter	66-107	Electrical Engineer
Winneberger, Theodore Wray	68-44	Civil Engineer

It was moved by Mr. Girand and seconded by Dean Hall that the following applicants for professional registration having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Motion carried.

(This list follows at the beginning of Minute Page 2351)

LA
Exam
Committees

DATE: November 19, 1968

TO: State Board of Technical Registration
 FROM: Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on November 19, 1968, in Phoenix, Arizona, with the following members present:

Bennie M. Gonzales
 Lew Place
 M. L. Vanlandingham

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified, including the treatise on lateral forces, to receive architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Brand, William Hoover	68-130
Byers, Donovan Clark	68-207
DeGutis, Vincent Anthony	68-272
Doran, Harold James	68-73
Frizzell, William Kenneth	68-62
Grafton, Edward G.	68-52
Heuer, Robert Emerson	68-283
Schatz, George F.	68-296
Schutz, Charles Claude	64-249
Short, George Washington	67-227
Skinner, Robert Harmon	68-251
Veron, Ital Robert Ulrich	68-102
Wilde, James Robert	68-196

- II. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1968, examinations

Edelblut, Walter Joseph, Jr.	68-210	C, D, E, F, G, H, I
Elling, Roland James	68-252	D, E, F, H
Mosher, Charles Andrew	68-271	D, E, F, H
Orcutt, Herman Lawrence	68-267	C, D, E, F, G, H, I
Taylor, Robert John	68-228	C, D, E, F, G, H, I

III. The following applicants having appeared before the Committee and met all other requirements of this Board, shall be granted registration after they have submitted a satisfactory treatise and problem, and due by February 1, 1969:

Reddemann, Arthur O.	68-231
Snyder, Daniel Ardellas	68-138
Wischmeyer, Kenneth Edward	68-297

IV. The following applicant who was scheduled to appear for his personal audience, two consecutive times, and who failed to do so, is recommended to be denied for failure to complete the requirements of the Board within a reasonable length of time:

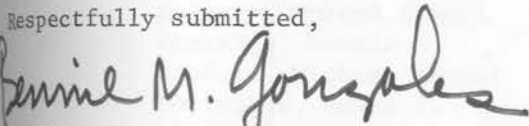
Nesbitt, George William	68-116
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V. It is recommended that the following applicant be denied with prejudice and without refund for violation and probation of the New Mexico State Board of Examiners for Architects prior to applying in Arizona:

Robert D. Garland	68-124
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The Committee recommends to the Board that recommendations I through V of this report be accepted and implemented.

Respectfully submitted,



Bennie M. Gonzales, Chairman

DATE: November 20, 1968

TO: State Board of Technical Registration
 FROM: Landscape Architectural Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on November 20, 1968, in Phoenix, Arizona, with the following members present:

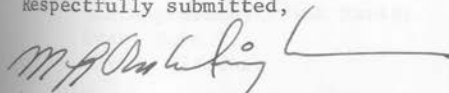
Earle M. Cassidy
 C. W. Dryden
 Bennie M. Gonzales
 M. L. Vanlandingham

The following applicants were reviewed by the Committee, of which a quorum was present at all times, and during their appearance satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A, A.R.S. 32-126 and A.R.S. 32-146, are hereby recommended for registration in Landscape Architecture:

Blumer, Harry Maynard	68-245
Bricker, Francis Walter	68-269
Folkner, Joseph Samuel	68-285
Gonzales, Bennie M.	68-301
Goodwin, Michael Kemper	68-268
Hostetter, James F.	68-195
Place, Lew	68-302
Tanner, Mitchell	68-241
Wyatt, Earl Reed	68-236

The Committee recommends to the Board that the contents of this report be accepted and implemented.

Respectfully submitted,


 M. L. Vanlandingham, Chairman

*Landscape
 Evaluation
 Committee*

DATE: November 22, 1968

TO: State Board of Technical Registration
 FROM: Engineering Evaluation Committee
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on November 20, 21 and 22, 1968, in Phoenix, Arizona, with the following members present:

Earle M. Cassidy
 C. W. Dryden
 N. R. Feldman
 John Girand
 David J. Hall
 Charles W. Newlin

There being a quorum present at all times the Committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the Committee and satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

CIVIL ENGINEERING

Epstein, Raymond 68-176
 Gross, Jerome Hirsh 68-103
 Hall, Kenneth M. 68-223
 Kantor, Philip 68-179
 Lewis, Ray Edward 68-172
 Schleppenbach, Frank Xavier 68-258
 West, John R. 68-217
 White, Clarence 68-218

ELECTRICAL ENGINEERING

Cammissa, Melchiade 68-225
 Helin, Charles J. 68-105
 Lyle, Andrew C. 68-235
 Swanson, Carl G. 68-162

GEOLOGICAL ENGINEERING

Manera, Paul A. 68-244

MECHANICAL ENGINEERING

Forbes, Bernard W. 68-183
 Helin, Charles J. 68-104
 Nichols, Philip Alan 68-222
 Ramsey, Robin Ray 68-230

METALLURGICAL ENGINEERING

Payne, William Lyle, Jr. 68-248

STRUCTURAL ENGINEERING

Diekmann, Edward Frederick 68-250
 Karp, Nathan 68-239
 Scherzinger, Robert Francis 68-181

LAND SURVEYING

Keogh, John Edgar 68-168
 Peganyee, Jit S. 68-216

- II. The following applicant, requested reconsideration, and the Committee recommends that the previous action of the Board be reaffirmed which held him for Parts 3 and 4 of the written examination:

Dubin, Thomas	68-140	Electrical Engineer
---------------	--------	---------------------

- III. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

Applicants held for the December, 1968, written examinations:

CIVIL ENGINEERING

Friedson, Harvey	68-221	Parts 3 and 4
Rushton, Donald P.	68-171	Parts 3 and 4

ELECTRICAL ENGINEERING

Butler, Thomas Alson	68-234	Parts 3 and 4
Thompson, Wilbur Gerald	68-187	Parts 3 and 4

GEOLOGICAL ENGINEERING

Call, Richard Drake	68-220	Parts 3 and 4
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HIGHWAY ENGINEERING

Cislaghi, Daniel Paul	68-227	Parts 1, 2, 3 and 4
Tang, Roland	68-240	Parts 3 and 4

METALLURGICAL ENGINEERING

Senior, Franklin C.	68-145	Parts 3 and 4
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STRUCTURAL ENGINEERING

Harris, Michael Emery	68-233	Parts 3, 4, 5 and 6
Sheydayi, Esfandiar Yury	68-232	Parts 1, 2, 3, 4, 5 and 6

ASSAYING

Rochin, Carlos	68-173	Parts 1 and 2
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Applicants held for the April, 1969, written examinations:

AGRICULTURAL ENGINEERING

Matlock, William Gerald	68-229	Parts 3 and 4
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CIVIL ENGINEERING

Cammarata, Larry Charles	68-246	Parts 3 and 4
Nolan, Michael Earl	68-141	Parts 3 and 4
Scott, Charles Dee	68-178	Parts 3 and 4
Stramandinoli, Francis Edward	68-264	Parts 3 and 4

ELECTRICAL ENGINEERING

Lewis, Rodney Byron	68-215	Parts 3 and 4
Murphy, William Patrick	68-224	Parts 3 and 4

<u>HIGHWAY ENGINEERING</u>		
Fowler, Kenneth Evans	68-226	Parts 3 and 4
<u>MECHANICAL ENGINEERING</u>		
Stockton, Paul	68-175	Parts 3 and 4
<u>MINING ENGINEERING</u>		
Beling, David Coates	68-177	Parts 3 and 4
<u>SANITARY ENGINEERING</u>		
Wilson, Jerry Charles	68-255	Parts 3 and 4
<u>GEOLOGY</u>		
LoBiondo, Donlon	68-182	Parts 1, 2, 3 and 4
<u>LAND SURVEYING</u>		
Bellows, Floyd Franklin	68-154	Parts 1, 2, 3 and 4

The Committee recommends to the Board that recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin, Chairman

APRIL SCHEDULE OF EXAMINATIONS

02350

I. SATURDAY, APRIL 26, 1969

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the new Engineering Center at ARIZONA STATE UNIVERSITY.

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building at the UNIVERSITY OF ARIZONA.

8:00 A.M. to 12:00 Noon

All professional engineering applicants held for Part I, Fundamentals of Engineering.

All professional geology applicants held for Part I, Basic Geology.

All land surveying applicants held for Part I, Surveying Techniques.

All Engineer-in-Training and Geologist-in-Training applicants held for Subsection I of the in-training exam.

All assaying applicants held for Part I, Assaying Examination.

1:00 P.M. to 5:00 P.M.

All professional engineering applicants held for Part II, Fundamentals of Engineering.

All professional geology applicants held for Part II, Basic Geology.

All land surveying applicants held for Part II, Computations.

All Engineer-in-Training and Geologist-in-Training applicants held for Subsection II of the in-training exam.

All assaying applicants held for Part II, Assaying Examination.

II. SUNDAY, APRIL 27, 1969

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the new Engineering Center at ARIZONA STATE UNIVERSITY.

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building at the UNIVERSITY OF ARIZONA.

8:00 A.M. to 12:00 Noon

Part III - Engineering Analysis - all branches of engineering.

Part III - Applied Geology.

Part III - Land Surveying Rules and Regulations.

1:00 P.M. to 5:00 P.M.

Part IV - Engineering Design - all branches of engineering.

Part IV - Geological Problems.

Part IV - Land Surveying Legal Principals.

III. MONDAY, APRIL 28, 1969

PHOENIX, ARIZONA (only) - Report to the Auditorium, Second Floor, United Bank Building, 3550 North Central Avenue.

8:00 A.M. to 12:00 Noon - Part V - Structural Engrs. - Comprehensive Engrg. Design

1:00 P.M. to 5:00 P.M. - Part VI - Structural Engrs. - Structural Engrg. Design

ARCHITECTURE

Brand, William Hoover	6978
Byers, Donovan Clark	6979
DeGutis, Vincent Anthony	6980
Doran, Harold James	6981
Frizzell, William Kenneth	6982
Grafton, Edward G.	6983
Heuer, Robert Emerson	6984
Nesmith, Benjamin Rea	6985
Schatz, George F.	6986
Schutz, Charles Claude	6987
Short, George Washington	6988
Skinner, Robert Harmon	6989
Veron, Ital Robert Ulrich	6990
Wilde, James Robert	6991

CIVIL ENGINEERING

Epstein, Raymond	6992
Gross, Jerome Hirsh	6993
Hall, Kenneth M.	6994
Kantor, Philip	6995
Lewis, Ray Edward	6996
Schleppenbach, Frank Xavier	6997
West, John R.	6998
White, Clarence	6999

ELECTRICAL ENGINEERING

Cammissa, Melchiade	7000
Helin, Charles J.	7001
Lyle, Andrew C.	7002
Swanson, Carl G.	7003

GEOPHYSICAL ENGINEERING

Manera, Paul A.	7004
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MECHANICAL ENGINEERING

Forbes, Bernard W.	7005
Helin, Charles J.	7006
Nichols, Philip Alan	7007
Ramsey, Robin Ray	7008

METALLURGICAL ENGINEERING

Payne, William Lyle, Jr.	7009
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STRUCTURAL ENGINEERING

Diekmann, Edward Frederick	7010
Karp, Nathan	7011
Scherzinger, Robert Francis	7012

LANDSCAPE ARCHITECTURE

Blumer, Harry Maynard	7013
Bricker, Francis Walter	7014
Folkner, Joseph Samuel	7015
Gonzales, Bennie M.	7016
Goodwin, Michael Kemper	7017
Hostetter, James F.	7018
Place, Lew	7019
Tanner, Mitchell	7020
Wyatt, Earl Reed	7022

LAND SURVEYING

Keogh, John Edgar	7023
Peganyee, Jit S.	7024

It was moved by Mr. Cassidy and seconded by Dean Hall that the following applicants for in-training certification having completed all of this Board's requirements be granted registration and assigned the registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Ashcraft, Gordon Raymond	770
Borg, Gary M.	771
Ward, Calvin M.	772
Watson, William S.	773
Thomas, Richard Cleo	774

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Vanlandingham posed the question whether members of the Board would be interested in meeting with certain members of the Senate regarding our present laws. The consensus of the Board was that the members of the Legislative Committee could perhaps have a luncheon with the Senate members in the near future.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF GRIEVANCE COMMITTEE #1

Mr. Cassidy, Chairman, stated there was no report.

Mr. William B. Keller, registered Electrical Engineer, No. 4114, appeared before the Board requesting the Board consider interpreting the guidelines of suggested minimum requirements previously adopted by the Board as the City of Phoenix had plans of various projects submitted to them for building permits which did not seem to meet the minimum requirements. Considerable discussion followed and the consensus of the Board was that if Mr. Keller would produce plans together with supplemental information to the office of the Board with a letter in writing, the matter could be taken into consideration by Grievance Committee #1 for investigation.

REPORT OF GRIEVANCE COMMITTEE #2

No report.

REPORT OF SPECIAL OFFICE PROCEDURES COMMITTEE

Mr. Vanlandingham, Chairman, reported on possible relocation of office space and of his investigation into one space available at 5045 N. 12th St. It was moved by Mr. Girand and seconded by Dean Hall that we consider Mr. Vanlandingham's recommendations, after the Chairman has appointed a selection ad-hoc committee for new office space, and return to the Board with a firm proposal. Motion carried.

REPORT OF THE EXECUTIVE SECRETARY

The Executive Secretary submitted Cash Flow Report #2 for consideration by the members of the Board. This report is shown on Minute Page 2353.

READING OF COMMUNICATIONS

A letter was read from W. Morgan Allen, National Council of Engineering Examiners, dated November 4, 1968, regarding committee appointments, as shown on Minute Page 2354. It was suggested that the same committee appointments of C. W. Newlin on Model Law Revision and C. W. Dryden as State Board Secretaries be recommended to Mr. Allen.

A letter from W. Morgan Allen, National Council of Engineering Examiners, dated November 11, 1968, regarding dates for the Western Zone meeting, as shown on Minute Page 2355, was read. There were no objections to the dates to cover the period May 7-9, 1969.

A letter from W. W. Hay, Chairman of Qualifications for Registration Committee of the National Council of Engineering Examiners, together with questionnaire on A Declaration of Universal Comity, as shown on Minute Pages 2356 and 2357, was read. The Board recommended that the questionnaire be returned unanswered with a letter.

A letter from Ben T. Bogard, Chairman, Awards Committee, National Council of Engineering Examiners, regarding the Distinguished Service Award, as shown on Minute Page 2358, was read. The Board had no recommendations to make.

CASH FLOW REPORT - #2

Date: December 5, 1968

Balance on Deposit as of July 1 - 1968 - \$20,187.87
 Balance on Deposit as of Report Date - \$52,044.39
 Encumbered Balance as of Report Date - \$31,603.87

Total Appropriated Receipts to Date
 \$31,856.52

Classification	Amount Appropriated	Total Spent To Date	Balance for Year
Salaries	\$25,600.00	\$10,666.60	\$14,933.40
Other Current Expenditures	\$25,178.00		
Postage		\$ 1,167.25	
Telephone		389.07	
Travel - State		725.70	
Travel - Out of State		281.95	
Professional Services		- 0 -	
Equipment Maint. & Repair		23.80	
Janitor Services		29.00	
Railway Express		- 0 -	
Annual Report		814.70	
Miscellaneous		1,061.92	
Office Supplies		1,796.96	
Keys		6.40	
Photographs		36.87	
Rent - Office Equipment		21.84	
Rent - Office		1,560.38	
Rent - Other Offices		40.00	
State Retirement		426.64	
OASI		212.68	
Subscriptions & Org. Dues		29.40	
Office Equipment		- 0 -	
Refunds		49.50	
Revolving Fund		750.00	
Personnel Commission		30.00	
		\$ 9,454.06	\$15,723. 94
TOTALS	\$50,778.00	\$20,120.66	\$30,657. 34

NATIONAL COUNCIL OF ENGINEERING EXAMINERS

THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

Formerly National Council of State Boards of Engineering Examiners



JAMES H. SAMS
EXECUTIVE SECRETARY
BOX 752, GLEMSON, S. C.
803 TEL. 654-2246

ADDRESS REPLY TO
W. Morgan Allen
421 S. W. Oak Street
Portland, Oregon, 97204

November 4, 1968

State Board of Technical Registration
Mr. M. L. Vanlandingham, Chairman
5045 N. 12th Street
Suite 140
Phoenix, Arizona 85014

RECEIVED
NOV 15 1968
STATE BOARD TECHNICAL REGISTRATION

Dear Mr. Vanlandingham:

As you know the President-elect has the task of making all committee appointments for his administrative year. Since I am very desirous of having committees that will be effective and will make progress during my term in office, I sincerely request your cooperation in making suggestions for such committee appointments.

During the 1968-69 year the following members of your board and their committee assignments are as follows:

- C. W. Newlin - Model Law Revision
- C. W. Dryden - State Board Secretaries

Even though, during the past several years I have come to know many board members, there are still many that I do not know much about. You are better acquainted with other members on your board and are in a position to suggest whether or not present National Committee assignments are appropriate and are in the best interests of the Council. The individuals background and major interests certainly should be considered in order to achieve the maximum benefits possible.

Any suggestions you may have as to the above individuals or as to other members of your board, especially the newer members, would be greatly appreciated.

Sincerely yours,

W. Morgan Allen
President-elect NCEE

WMA:af

cc: To All State Board Presidents

NATIONAL COUNCIL OF ENGINEERING EXAMINERS

THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

Formerly National Council of State Boards of Engineering Examiners



JAMES H. SAMS
EXECUTIVE SECRETARY
BOX 752, CLEMSON, S. C.
803 TEL. 654-2246

ADDRESS REPLY TO
W. Morgan Allen
421 S. W. Oak Street
Portland, Oregon, 97204

November 11, 1968

Mr. Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
3550 N. Central Avenue
Phoenix, Arizona

RECEIVED

NOV 14 1968

STATE BOARD TECHNICAL REGISTRATION

Dear Walter:

In setting up a preliminary plan for the Western Zone Meeting to be held in Portland next spring, we find that we have some conflicts of dates.

The Professional Engineers of Oregon have also planned their Annual Meeting for May 9-10, 1969 at Coos Bay, Oregon. These are the same dates as mentioned at our recent Zone Meeting. Their officers are very much interested in meeting with us for a dinner get-together on May 8, 1969.

Do you see any serious objection to moving the Western Zone Meeting to cover the period, May 7-9, 1969? This would mean having the Early Bird Dinner on May 7, our banquet and joint meeting with the Professional Engineers of Oregon on Thursday night, May 8, and our business sessions would be held on May 8-9 until completed.

The Oregon Board Planning Committee is very desirous of obtaining some consensus of opinion of the Western Zone Delegates that will be attending the Zone Meeting.

A prompt reply would be appreciated in order that definite plans can be completed.

Sincerely yours,

W. Morgan Allen
President-elect, NCEE

WMA:af

NATIONAL COUNCIL OF ENGINEERING EXAMINERS
 THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES
 FORMERLY NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS

22 October 1968

RECEIVED

OCT 25 1968

STATE BOARD TECHNICAL REGISTRATION

ADDRESS REPLY TO

310 Engineering Hall
 University of Illinois
 Urbana, Illinois 61801

REFERRAL TO ALL STATE ENGINEERING EXAMINING BOARDS

FROM

QUALIFICATIONS FOR REGISTRATION COMMITTEE

Gentlemen:

On the last morning of its 1968 meeting in Denver, Friday, 30 August, The National Council of Engineering Examiners passed a resolution referring the attached Declaration of Universal Comity to the Committee on Qualifications for Registration for study and circulation to the State Boards for comments. A report on this resolution will be presented by the Qualifications for Registration Committee at the next Annual Meeting of NCEE at San Antonio, Texas in 1969.

This Committee hereby kindly requests that the Declaration be considered and discussed by your Boards and comments returned to the Chairman of this Committee at the above address. Your comments should include: (1) Whether or not the Declaration should be made a part of NCEE policy; (2) its legal status in light of the laws under which the various Boards function, and (3) comments favorable or unfavorable to the Declaration. Suggestions for revising the Declaration may also be included in your comments.

Your cooperation and early replies will be appreciated.

Cordially yours,

W. W. Hay

W. W. Hay, Chairman
 Qualifications for Registration
 Committee

1968-'69 Qualifications for Registration Committee of NCEE
22 October 1968

A DECLARATION OF UNIVERSAL COMITY

- a) It is recommended that all States will accept fully the certification of education, experience and references through the Committee on National Engineering Certification;
- b) It is recommended that all States will license by Comity those Registered Engineers in good standing who have the following qualifications:
 - I - graduation from an ECPD accredited curriculum, and
 - II - satisfactory completion of 16-hours of approved examination, and
 - III - four or more years of satisfactory experience in engineering practice, and
 - IV - that an applicant for registration by Comity or Reciprocity shall certify that he has never been called before a Registration Board or Authority to answer to a complaint involving his: (1) aiding or abetting a non-registrant; (2) incompetence; (3) malpractice; (4) forgery; (5) or any cause involving his continuing to enjoy the fruits of registration.

- 1. Is your State Board in favor of making this Declaration a part of NCEE policy? _____
- 2. Does your state law or Board rules allow you to grant comity to applications under the conditions outlined for:
 - (a) accepting the National Council verification of education, character references and work experience, without reverification by your State Board or central agency? _____
 - (b) applicants with qualifications listed under (b)? _____
- 3. Does your State Board accept the data on applications meeting the qualifications given above after it is verified for:
 - (a) _____
 - (b) _____
- 4. Comments: _____

Submitted by _____ State of _____
(Name)

Please return one copy to Dr. W. W. Hay, 310 Eng'g. Hall, Univ. of Illinois, Urbana, Ill., 61801



NATIONAL COUNCIL OF ENGINEERING EXAMINERS

THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

FORMERLY NATIONAL COUNCIL OF STATE BOARDS OF ENGINEERING EXAMINERS

November 25, 1968

ADDRESS REPLY TO

Ben T. Bogard
Box 4875, Tech Station
Ruston, Louisiana 71270

RECEIVED

DEC 1 1968

STATE BOARD TECHNICAL REGISTRATION

To: All State Board Secretaries

From: Ben T. Bogard, Chairman, Awards Committee, N.C.E.E.

The Awards Committee of N.C.E.E. consisting of L. E. McCartt of Kentucky, F. R. Montgomery of Hawaii, H. D. Watson of Maine, and myself as Chairman, by means of this letter is requesting recommendations from the various State Boards for the Distinguished Service Award of N.C.E.E. to be presented at the annual meeting at San Antonio, Texas, in 1969.

If your Board has a recommendation it should be sent to me as soon as action has been taken, together with a citation showing the service of the individual nominated. It is suggested that one copy of the enclosed form be used for this purpose. NOTE: THE CITATION MUST BE COMPLETED OR THE NOMINATION CANNOT BE ACCEPTED. If your Board has no recommendation for this year, that fact should also be noted and sent to me in order that the record may be complete.

In any case, all correspondence relating to Awards should be in my hands not later than 15 February, 1969, so that the Committee may have time to act and recommend to the Board of Directors prior to their scheduled meeting in April, 1969.

The criteria upon which the awards are made are attached.
Please consider the qualifications carefully.

The list of those who have already received the Distinguished Service Award is found on pages 136-138 of the 1968 Proceedings which has recently been sent to you.

Will you please present this letter to your Board at the earliest opportunity and let me know the results so that the Committee may function and make its report to the Board of Directors in ample time for action to be taken at their spring meeting.

The Committee will greatly appreciate your cooperation, in recognition of deserved service.

Sincerely yours,

Ben T. Bogard

COMMITTEE ON AWARDS

L. E. McCartt

F. R. Montgomery

H. D. Watson

Ben T. Bogard, Chairman

A letter from A. E. Magee, registered Electrical Engineer, regarding our past December, 1968, electrical engineering, part 3, examination, as shown on Minute Pages 2360, 2361 and 2362, was read. The Board suggested that we reply to his letter that attempts were being made in this case to make a balanced examination even though it may not appear so to him.

A letter from James H. Sams, Executive Secretary, National Council of Engineering Examiners, dated December 4, 1968, regarding the Uniform Examinations Committee report on proposed changes in the Engineer-in-Training examination, as shown on Minute Page 2363, which the Board considered favorably if the examination content coincides with the desires of our examination committee.

UNFINISHED BUSINESS

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that the revised rules of the State Board of Technical Registration, as shown on Minute Pages 2364 through 2375, be adopted and filed with the Secretary of State. Motion carried unanimously.

The Executive Secretary reported on the motion of Grievance Committee #1 at the September 20th meeting which instructed the office of the Board to send letters to all of the societies requesting assistance concerning complaints, as shown on Minute Page 2376.

NEW BUSINESS

The Executive Secretary reported on the submission of bids for our Forty-Seventh Annual Report which were tabulated as follows:

	<u>TOTAL</u> (no tax included)
Palmer Printing Company	\$ 3,851.18
Sims Printing Company	\$ 4,010.50

It was moved by Mr. Dryden and seconded by Dr. Newlin that we notify Palmer Printing Company that they are the apparent low bidder, and, at such time we find funds are available for printing of same, notify them to proceed with the printing. Motion carried.

The Executive Secretary reported that the Western Conference of State Architectural Registration Boards meeting would be held February 19-22, 1969, in Salt Lake City, Utah, and requested delegates be appointed for attendance to same. It was moved by Mr. Dryden and seconded by Dr. Newlin that the architects determine who is to go and so notify the Executive Secretary. Motion carried.

It was moved by Mr. Cassidy and seconded by Dean Hall that the following dates be scheduled for the pertinent committee and Board meetings. Motion carried.

- March 11, 1969 - Architectural Evaluation Committee Meeting, Phoenix, Arizona
- March 12, 1969 - Landscape Architectural Evaluation Committee Meeting, Phoenix,
Morning Arizona

(dates continued on Minute Page 2377)

December 12, 1968

State Board of Technical Registration
for - Architects, Assayers, Engineers,
Geologists and Land Surveyors
Suite 408, Guaranty Bank Building
3550 N. Central Avenue
Phoenix, Arizona 85012

Gentlemen:

I am writing with regard to the Registration Examination,
Section III, Engineering Analysis which was given Sunday,
December 8, 1968 in Tucson.

I feel the examination questions as given Sunday should be
modified and am willing to help do so. To qualify myself
as a critic the following is submitted.

- (a) Age - 61
- (b) Graduated from the University of Arizona
in 1930 with a B.S. in Electrical Engineer-
ing.
- (c) Worked in electrical engineering at the local
power Company for 8 years prior to going into
private practice.
- (d) Have been registered as an electrical engineer
in the State of Arizona (No. 854) since 1938 -
some 30 years.
- (e) Have been in private practice as a consulting
electrical engineer for 21 years doing all
phases of electrical engineering that require
a registered electrical engineer.

In retrospect, some 30 years ago the electrical engineer had
two basic choices to follow.

- (1) "Communications" such as telephone and some
radio and sound.
- (2) "Power" such as utilities, or construction, or
working for the large electrical manufacturers.

Recent years have developed the so-called "Electronic"
Engineer which is an advancement in the communications field.
Many of these electronic men have graduated from college and
gone into work to meet the war effort, communications and

State Board of Technical Registration
Page 2
December 12, 1968

computer requirements. The electronics field has grown so much that the "Institute of Electrical Engineers" merged with the Electronic Engineers and now the association is called the "Institute of Electrical and Electronic Engineers."

As practiced today in the State, the majority of work of the electronic engineers does not seem to require registration. This includes radio equipment, sound systems, working for large manufacturing concerns such as Motorola, the United States Government, Hughes, etc. However, the construction business such as the electrical work in connection with housing projects, high rise buildings, schools, universities, factories, civic buildings, power distribution for the above, lighting of parking areas, street lights, etc., does require the stamp of an electrical engineer.

Your recent "Registered Professional Examination in Electrical Engineering, Rule II, Section "C" Part III - Engineering Analysis" given Sunday, December 8, 1968, at the University of Arizona Civil Engineering Building did not have a question relating to any of the above. There was one question on the theoretical arrangement of wires on a distribution power line. The other questions were on circuitry -- predominantly electronics. This test could be passed by senior students in college without 4 years of experience in the field. A graduate has the engineering choice of entering electronics, the power company, or working for someone in the so-called "Construction Industry."

If electronic engineers are to be classed as electrical engineers then it seems the type of questions given in the test should be divided into those used during the 4 year apprenticeship (Engineer-in-Training) which he performs. This could be divided into -

- (1) Electronic training
- (2) Power Company training
- (3) Construction training

All of these trainings are different. In my opinion, questions should be directed toward ascertaining if the man has learned practical application of his theory he learned in school and not questions a graduating senior

State Board of Technical Registration
Page 3
December 12, 1968

can answer. A man working in the field for 4 years in my type of consulting business would not be qualified to work with transistors or communication design.

To summarize my observations, I would state that the test should provide enough examples that a qualified person with practical and theoretical training would be able to pass the exam in his particular scope for which he is qualified. After all, the purpose of the test is to determine his qualifications in the field in which he has worked for 4 years.

I hope the previous words are taken in constructive criticism and I would be willing to help formulate pilot exams considering the modern needs. There appears to be no electrical engineers on the Board. Perhaps some help from consulting electrical engineers could be beneficial.

AEM:PEM

Yours truly,

A. E. Magee
A.E. Magee



NATIONAL COUNCIL OF ENGINEERING EXAMINERS
 RECEIVED THE COUNCIL OF THE 54 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES
 Formerly National Council of State Boards of Engineering Examiners

DEC 9 1968

P. O. BOX 752

CLEMSON, S. C. 29631

STATE BOARD TECHNICAL REGISTRATION

December 4, 1968

Secretaries of Member Boards, NCEE

Gentlemen:

*Reply requested before
 Christmas. Thank you. JHS*

The Uniform Examinations Committee of NCEE is investigating ways of preparing better examinations for the use of those State Boards that wish to use them. A most encouraging development is now under consideration and the committee needs your advice.

The Uniform Examinations Committee in its report to NCEE in August (page 105 of 1968 Proceedings which was mailed to you last month) reported that the majority of the committee felt that about one half of the first day examination in fundamentals should use an objective test of about 150 to 200 questions and the afternoon part should use the present format with questions that would apply more to the senior level subjects and a test of the applicant's engineering judgment. The E.I.T. committee made similar recommendations in their report (pages 98 & 99).

The Educational Testing Service has been contacted and they are in a position to prepare a 4 hour examination for us for use in 1970 if we can give them the go ahead by Jan. 15, 1969. The committee has tried to estimate the number that might use the examination and the cost per paper will depend on the accuracy of this estimate. Here we need your assistance right away.

The ETS will prepare the 4 hour objective examinations, using a committee selected by NCEE, distributing the exams to your testing centers to your proctor who will supervise your exams. The papers and question booklets will be returned to ETS who will grade them on a computer and report the results to us. The exam questions for the other four hours will be prepared by the Uniform Examinations Committee as in the past and graded either by the central grading service or by your local graders.

Our preliminary estimate is that this procedure, with central grading, will cost about \$9.00 per paper. Using local grading for the afternoon section will only reduce it about \$1.00. The committee recognizes that this increased cost may be a burden on some Boards and in deciding whether or not to accept the ETS proposal this increase must be considered. This is a further step by the committee to prepare better examinations for your use and also to put the service on a sounder long range basis. It will be appreciated if you will give us your estimate, without obligation on the part of your Board to use it, of whether or not your Board would use it and, if so, about how many applicants you would expect to have in April and in December of 1970. The committee would probably shift the April 1970 exam to the third Saturday in April to avoid the conflict with the Graduate Record Examination. The winter examination would remain on the first Saturday in December.

Your cooperation in returning one copy of the enclosed questionnaire to us promptly will be greatly appreciated. Even though you are not using the examination at the present time, the committee will appreciate it if you will send in the completed questionnaire to assist us in estimating possible future needs beyond 1970.

Sincerely yours,

James H. Sams
 James H. Sams, Exec. Sec.

JHS:lkc
 Enclosure

STATE BOARD OF TECHNICAL REGISTRATION

for

Architects, Assayers, Engineers, Geologists, Landscape Architects and Land Surveyors

The following Rules and Regulations were adopted on December 13, 1968, by the Board pursuant to authority of Section 32-106, Arizona Revised Statutes, 1956.

RULE I. GENERAL RULESA. Applications, General

1. The Board meets regularly in March, June, September, and December to consider applications for registration. Prior to consideration by the Board each applicant will be required to appear before an Evaluation Committee of the Board at a time and place established by the committee. The applicant will at this time complete the personal audience requirement, outlined in Rule II, E.

2. No application will be evaluated by the committee nor presented to the Board for consideration until all of the required information, including transcripts, concerning the application has been received. This includes a standard application form completely filled out, including required signatures on application, photograph, affidavit, and authorization and release.

3. A fee of \$25.00 if for Architect, Geologist, Landscape Architect, or Professional Engineer, \$15.00 if for Assayer or Land Surveyor, \$10.00 if for Architect-in-Training, Engineer-in-Training, Geologist-in-Training, or Landscape Architect-in-Training, must accompany the application form. This fee is exclusive of any examination fee.

4. It is the applicant's responsibility to secure transcripts of his records from all colleges attended. The applicant must arrange to have these transcripts sent directly from the college registrar to the office of the Board. The applicant's sole responsibility regarding references is that of furnishing a suitable list. The office of the Board will request such information as it deems necessary from the references submitted by the applicant. References submitted by an applicant should include at least three persons registered in the same general field of experience as the applicant and two references who are now, or have been, the applicant's immediate supervisors. Other persons will be evaluated as references only if their responsibility and their ability to evaluate the technical competence of the applicant can be established by the Board.

5. Engineers desiring registration in more than one branch must submit a separate application for each branch and pay the regular fee with each application. Registration in engineering will be granted in the major branches of engineering included in the college curricula approved by the Board. Major branches of engineering presently recognized by the Board are: Aeronautical, Agricultural, Chemical, Civil, Electrical, Geological, Geophysical, Highway, Industrial, Mechanical, Metallurgical, Mining, Nuclear, Petroleum, Sanitary, and Structural.

6. The Board does not grant registration to residents of other States, except under unusual circumstances, unless they hold registration in the State of their legal residence.

7. When an application for registration is denied, the applicant will be so notified. No re-application will be accepted until one year has elapsed from the date of the formal Board action denying the original application. When applications for registration are denied on initial Board action, the following refunds of application fees will be made: Architect, Engineer, Geologist, or Landscape Architect, \$10.00; Assayer or Land Surveyor, \$5.00.

8. Applicants whose applications for registration are denied subsequent to initial Board action will receive no refund of their application fees.

9. No application made on any other than a printed form issued by the Board will be accepted or considered by the Board, except that, in the event any printed form issued by the Board does not contain sufficient space for the necessary evidence to be submitted, the applicant may attach additional sheets to said form to any desired extent, but such attached sheets must be of the same size as the printed form and shall be securely attached thereto.

10. An applicant may withdraw his application for registration by written request to the Board for approval of such withdrawal. An approved withdrawal is deemed by the Board to be a denial of an application for registration without prejudice and no refund of the application fee will be made.

11. An applicant for any of the in-training programs shall, in order to be admitted to the in-training examinations, submit an application to the Board on the prescribed form for approval by the Board. It will be necessary for an applicant to pay the \$10.00 application fee required under Rule I-3 for registration as an Architect-in-Training, Engineer-in-Training, Geologist-in-Training, or Landscape Architect-in-Training, as well as the examination fees stated in Rule II, F.

B. Applications, Special

1. An applicant who applies for Landscape Architectural registration under A.R.S. 32-146 within one year after the effective date of the amended Statutes shall complete all of the standard forms required of other applicants, and will complete the following special form:

Certification to Practice - The applicant shall certify under oath that he is fully conversant with A.R.S. 32-128, A-1, and that the applicant has had at least seven years of practice in landscape architecture, as defined in Section 32-101, as a principal livelihood, of which at least one year shall be represented by such practice in the State of Arizona, as a resident.

C. Experience

1. Qualifying experience, other than time allowed for education, shall in general be limited to that time in which an applicant has been directly employed in a responsible position of a character satisfactory to the Board.

RULE II. EXAMINATIONSA. General Rules, Applicants for Professional RegistrationInitial Examination

1. Applicants for professional registration held for written examination as a result of initial Board action on their original application or re-application will be denied their application for registration and forfeit all application and examination fees if they fail to take the first scheduled written examination following notification of their being held for written examination. However, the Board may waive this rule when an applicant who is unable to take the first scheduled written examination notifies the Board at least ten days prior to the scheduled examination date and requests an extension in writing. Applicants for professional registration held for written examination pursuant to this rule, who have been granted an extension on the first scheduled written examination and who fail to take the next regularly scheduled written examination offered by the Board, shall have their application for registration denied.

Re-examination

2. Applicants for professional registration who take the written examination pursuant to Rule II, A-1, and fail to achieve a passing grade will be allowed to re-examine. To be re-examined applicants for professional registration must request re-examination thirty days prior to the next scheduled written examination date, by letter, and pay the scheduled re-examination fee, as listed in Rule II-F, for each part of the examination on which a passing grade was not achieved. Applicants for professional registration who fail to request re-examination and pay the scheduled re-examination fees for two consecutive examination periods shall have their application for professional registration denied.

3. Applicants for professional registration who have requested re-examination and paid the scheduled re-examination fee shall forfeit the re-examination fee for failure to appear for the re-examination unless excused by the office of the Board. A request for an excuse must be directed to the office of the Board in writing at least ten days prior to the scheduled written examination date. Applicants for professional registration excused from a re-examination must appear for the next scheduled written examination or his application for professional registration shall be denied.

4. The written examination or portions thereof may be waived by the Board when, in the Board's opinion, an applicant has a proven experience record of unusual and comprehensive quality. The Board may require a Comprehensive Oral examination.

5. Written examinations for applicants for professional registration as Architect, Assayer, Engineer, Geologist, Landscape Architect, and Land Surveyor will be given twice annually at a time and place designated by the Board; other examinations will be given at a time and place established by the Board. The Board shall select and publish the examination dates and location at least 90 days prior to the date selected.

B. General Rules, Applicants for Architect-in-Training, Engineer-in-Training, Geologist-in-Training, Landscape Architect-in-Training

1. Architect-in-Training, Engineer-in-Training, Geologist-in-Training, and Landscape Architect-in-Training examinations will be given twice annually, at a time and place designated by the Board and concurrently with the written examinations for professional registration. Applications for in-training examinations and certification must be received in the office of the Board at least thirty days prior to the scheduled date of the examination.

2. Applicants for Engineer-in-Training, Geologist-in-Training, and Landscape Architect-in-Training will be permitted to take the in-training examination prior to graduation, but in no event will their probationary period start until they have completed the requirements for graduation. Applicants without college degrees desiring to enter the in-training program will be permitted to take the examination prior to the completion of four years of satisfactory experience by submitting an application bearing the approval of a registered engineer, geologist, or landscape architect, respectively, but their probationary period will not begin until the four years of experience satisfactory to the Board requirement has been met. The in-training applicant who is a student pursuing a curricula which will lead to an engineering, geology or landscape architect degree shall have his application blank certified by his dean or major professor.

3. Applicants for Architect-in-Training will be permitted to take the Architect-in-Training examination within twelve months after graduation from an accredited architectural school. The graduates from an accredited architectural school must obtain the signature of the Dean of the College of Architecture or their fifth year design professor on their Architect-in-Training application form. Applicants without college degrees from an accredited architectural school desiring to enter the Architect-in-Training program will be permitted to take the examination after four years of architectural training under a registered architect by submitting an application to the Board bearing the approval and signature of the current employer. As a part of the Architect-in-Training program, both the applicant from an accredited architectural school and the applicant without a college degree will be required to obtain through the secretary of the Board at the time of their request for an Architect-in-Training application, an approved Architect-in-Training log book in which will be set forth in detail the applicant's training record. Such log books must be accurately kept and all professional architectural experience vouched for and signed by the applicant's registered architectural employer during the full time of the applicant's required training period. The log will form the applicant's training record and must be filed with the secretary of the Board when applying for his professional registration.

4. Applicants for Architect-in-Training are not permitted re-examination.

5. If an Architect-in-Training passes the in-training examination, credit for History and Theory, Structural Design, and Building Equipment will be given him towards his full professional examination, but, if he fails the in-training examination, no credit will be given and the applicant will have

to wait until his required years of training have been completed, at which time he may apply for professional registration, should he meet all of the requirements.

6. If an Engineer-in-Training passes the in-training examination, credit for Fundamentals of Engineering will be given him towards his full professional examination, but, if he fails the in-training examination, no credit will be given.

7. Credit for Fundamentals of Engineering will be given to any graduate of an ECPD accredited engineering curriculum.

8. If a Geologist-in-Training passes the in-training examination, credit for Basic Geology will be given him towards his full professional examination, but, if he fails the in-training examination, no credit will be given.

9. If a Landscape Architect-in-Training passes the in-training examination, credit for History and Theory; Planting, Design and Identification; and Landscape Architectural Design will be given him towards his full professional examination, but, if he fails the in-training examination, no credit will be given.

10. Passing an in-training examination will not obligate the Board to accept the applicant for registration as an Architect-in-Training, Engineer-in-Training, Geologist-in-Training, or Landscape Architect-in-Training. It will, however, satisfy the examination requirement should he be accepted and so certified.

11. All in-training certificates shall expire eight years after issuance.

C. Context of Written Examinations

1. All examinations may contain questions covering the Code of the State Board of Technical Registration and its published Code of Ethics.

2. Architect-in-Training--This is a one-part examination of 13 hours duration on which a passing grade of 75% is required in each subsection. The Board need not offer these subsections to the applicant on the same or successive days. The subsections are not divisible parts of the Architect-in-Training examination. The examination will include: History and Theory concerning the development of architecture; the effect of geography, climate and material resources; the factors of site and orientation; the influence of science and technology; the varying response to the needs and desires of the changing social pattern; the evolution of design, methods of construction, structural systems, and building equipment, the influence of tradition and law; typical historical examples. Structural Design concerning the knowledge of various structural systems; when, how and why each would be used; the determination of safe and efficient sizes of structural elements and arrangements of combinations of such elements as slabs, beams, girders, trusses, columns, walls, foundations, and footings, designed in various materials by either graphical or mathematical analysis. Building Equipment concerning principles of design and detail knowledge concerning heating, ventilating, air conditioning,

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plumbing, electric wiring, refrigeration, fire protection, and vertical transportation; taking into account scientific, technical, economic and practical factors; also compliance with codes for public health and safety.

3. Architecture--This examination will be of 36-hours duration, and will consist of the following parts: (C) History and Theory, the development of architecture; the effect of geography, climate, and material resources, the factors of site and orientation; the influence of science and technology; the varying response to the needs and desires of the changing social pattern; the evolution of design, methods of construction, structural systems and building equipment; the influence of tradition and law; typical historical examples. (D) Site Planning, a short design problem involving a group of public or private buildings of any type, intended to demonstrate the candidate's ability to safeguard the interest of both client and public with respect to land values, obsolescence, traffic; to develop a functional arrangement of buildings and site which will also result in a visually satisfying composition of forms in space. (E) Architectural Design, a specific practical problem involving application of the principles of space design to solution of the program for a building such as might be found in architectural practice. The solution shall be submitted in drawings of specified number, kind, and scale to present an efficient arrangement, logical structural organization, compliance with basic codes for health and safety; also appropriate economy and satisfying aesthetic quality. (F) Building Construction, the use of materials and methods of construction, the selection of appropriate materials and knowledge of how they are combined for use under given conditions, considering their practicality and durability; also the factors of safety, economy, and architectural expression; supervision of construction, detection and correction of defects; sequence of construction operations. (G) Structural Design, the knowledge of various structural systems; when, how, and why each would be used; the determination of safe and efficient sizes of structural elements and arrangements of combinations of such elements as slabs, beams, girders, trusses, columns, walls, foundations, and footings; designed in various materials by either graphical or mathematical analysis. (H) Professional Administration, questions relating to the ethical, legal, and administrative responsibilities of the architect; relationships between architect, owner, and contractor; building arbitration. (I) Building Equipment, principles of design and detailed knowledge concerning heating, ventilating, air conditioning, plumbing, electric wiring, refrigeration, fire protection, and vertical transportation; taking into account scientific, technical, economic and practical factors; also compliance with codes for public health and safety. A passing grade of 75% will be required on each part of the examination. Certified Architects-in-Training will be allowed credit for the following sections of the examination: (C) History and Theory, (G) Structural Design and (I) Building Equipment.

4. Assaying--This will be an 8-hour examination which will include questions on fire assaying and gravimetric and volumetric chemical analysis of minerals and mineral products for the more important commercial metals. A passing grade of 70% will be required on the examination.

5. Engineer-in-Training--This is a one-part examination of 8 hours duration which will include questions on fundamentals of engineering. A passing grade of 70% will be required on the examination. The Board may, at its discretion, divide the examination into two indivisible subsections which will be given on the same day. The Board may also, at its discretion, accept from the Deans of Engineering at Arizona Universities certification that senior students enrolled in ECPD accredited curricula have satisfactorily passed an examination equivalent to the fundamentals of engineering offered by the Board.

6. Professional Engineering--The complete professional engineering examination will consist of four parts with the exception of Structural Engineering, which will consist of six parts. Each part of the examination will be of four hours duration and requires a passing grade of 70% on each part of the examination. Parts I and II of this examination may be required of any applicant for registration as a professional engineer who graduated from an engineering college subsequent to January 1, 1958, except as noted in Rule II, B(7), and of all non-engineering college graduates applying for registration as a professional engineer.

All professional engineering examinations are open book and the applicant may bring any text or reference desired.

The parts of the professional engineering examination are defined as follows:

- Part 1 Fundamentals of Engineering
- Part 2 Fundamentals of Engineering
- Part 3 Engineering Analysis
- Part 4 Engineering Design
- Part 5 Comprehensive Engineering Design
- Part 6 Structural Engineering Design

7. Geologist-in-Training--This will be a one-part, 8-hour examination, on which a passing grade of 70% is required. The Board may, at its discretion, divide the examination into two indivisible subsections which will be given on the same day. The examination will consist of questions covering the principles of physical, historical, and structural geology and mineralogy, as well as problems in structural geology.

8. Geology--The complete professional examination for geology is of 16-hours duration, consisting of four parts, on which a passing grade of 70% will be required for each part. The parts of the professional geology examination are as follows:

- Part 1 Basic Geology
- Part 2 Basic Geology
- Part 3 Applied Geology
- Part 4 Geological Problems

9. Landscape Architect-in-Training--This will be a one-part examination of 19 hours duration on which a passing grade of 75% is required in each subsection. The Board need not offer these examinations on the same or successive days.

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The subsections are indivisible parts of the Landscape Architect-in-Training examination. The Landscape Architect-in-Training examination will cover History and Theory (3 hours); Planting, Design and Identification (4 hours); and Landscape Architectural Design (12 hours).

10. Landscape Architecture--The complete professional examination for landscape architecture is of 32 hours duration consisting of six parts on which a passing grade of 75% will be required on each part. The parts of the professional landscape architectural examination and the hours of each are as follows:

- Part 1 History and Theory (3 hours)
- Part 2 Planting, Design and Identification (4 hours)
- Part 3 Landscape Architectural Design (12 hours)
- Part 4 Site Planning (5 hours)
- Part 5 Construction (4 hours)
- Part 6 Professional Administration (4 hours)

11. Land Surveying--The land surveying examination will be of 16 hours duration and will consist of four parts which will include questions to determine knowledge of the techniques of land surveying, also knowledge of rules and regulations of land surveying, and laws pertaining to the type of work described in Section 32-101 (12) of the Arizona Revised Statutes. A passing grade of 70% will be required on each part of the examination.

12. Examination Rules--The Board will publish prior to each written examination the rules under which the examination will be held for each specific part and will provide the examinee with the questions for the examination and a workbook for all of his submittal.

D. Comprehensive Oral Examination

The applicant for professional registration who has received a waiver of the written examination and a comprehensive oral examination substituted therefor by the appropriate Evaluation Committee, shall personally appear at a time and place indicated by the Board for oral demonstration of his proficiency in the area for which professional registration is applied. The oral examination held by the Board shall be of such duration as necessary to demonstrate the applicant's proficiency.

E. Personal Audience

1. A personal audience will be required of all applicants in order to complete professional registration. The personal audience will consist of an oral examination of 15 to 30 minutes and will include questions covering the Code and Rules of the State Board of Technical Registration. The personal audience will be given at a time and place convenient to the Evaluation Committee of the Board.

2. No applicant will be granted registration until he has fully satisfied the committee as to his comprehension of the Arizona Revised Statutes and Board regulations.

3. An applicant who fails to appear for a personal audience within six months from the date on which he was first notified to appear shall have his application for registration denied unless this rule is waived by the Board for good cause shown.

F. Fees

The fees, payable in advance, for taking or re-taking the examinations, over and above and exclusive of fees required with the application for registration, shall be as follows:

	Examination Fees
1. IN-TRAINING EXAMINATIONS	
a. Architect-in-Training	\$15.00
b. Engineer-in-Training	10.00
c. Geologist-in-Training	10.00
d. Landscape Architect-in-Training	15.00
2. ARCHITECT EXAMINATIONS	
C--History and Theory of Architecture	\$10.00
D--Site Planning	15.00
E--Architectural Design	15.00
F--Building Construction	10.00
G--Structural Design	10.00
H--Professional Administration	10.00
I--Building Equipment	10.00
3. EXAMINATIONS CONDUCTED FOR N.C.A.R.B. or W.C.A.R.B.	
1. Senior Examination	\$25.00
2. Personal Audience to complete NCARB certification on basis of written examination.....	15.00
3. Treatise and problem on lateral forces	25.00
4. Resubmittal of treatise and/or problem on lateral forces	25.00
4. PROFESSIONAL ENGINEER EXAMINATIONS	
Part 1--Fundamentals of Engineering	\$10.00
Part 2--Fundamentals of Engineering	10.00
Part 3--Engineering Analysis	10.00
Part 4--Engineering Design	10.00
Part 5--Comprehensive Engineering Design	10.00
Part 6--Structural Engineering Design	10.00
5. GEOLOGIST EXAMINATIONS	
Part 1--Basic Geology	\$10.00
Part 2--Basic Geology	10.00
Part 3--Applied Geology	10.00
Part 4--Geological Problems.....	10.00

6. LANDSCAPE ARCHITECT EXAMINATIONS

Part 1--History and Theory	\$10.00
Part 2--Planting, Design & Identification.....	10.00
Part 3--Landscape Architectural Design	15.00
Part 4--Site Planning	15.00
Part 5--Construction	10.00
Part 6--Professional Administration	10.00

7. LAND SURVEYOR EXAMINATIONS

Part 1--Surveying Techniques	\$10.00
Part 2--Computations	10.00
Part 3--Rules and Regulations	10.00
Part 4--Legal Principals	10.00

8. ASSAYER EXAMINATION \$15.00

9. COMPREHENSIVE ORAL EXAMINATION \$50.00

10. PERSONAL AUDIENCE None

RULE III. PROFESSIONAL PRACTICE

The Board pursuant to A.R.S. 32-106 has adopted the following definition of terms used in this Chapter.

The definitions enumerated in this Rule shall have full force and effect upon the professional practice of each registrant of this Board.

The definitions shall be used to determine if a violation exists under A.R.S. 32-128 upon which the Board shall take disciplinary action.

A. A.R.S. 32-101

Architects, Engineers, Landscape Architects and Land Surveyors may engage in architectural, engineering, landscape architectural or land surveying practice insofar as such practice is in accord with the custom and tradition of architecture, engineering, landscape architecture and land surveying.

B. A.R.S. 32-141

1. The term "responsible charge of a registrant" within the section defining "Firm or corporate practice" stating that "no firm or corporation shall engage in the practice of architecture, assaying, geology, engineering, landscape architecture, or land surveying unless the work is under the full authority and responsible charge of a registrant, who is also a principal of the firm or officer of the corporation. The name of said registrant shall appear whensoever the firm name is used in the professional practice of the firm or corporation" shall mean that the principal of the firm or officer of the corporation shall reside in Arizona when such firm or corporation maintains an Arizona office or mailing address.

2. The term "the name of said registrant shall appear" within the section defining "firm or corporate practice" stating that "no firm or corporation shall engage in the practice of architecture, assaying, geology, engineering, landscape architecture, or land surveying unless the work is under the full authority and responsible charge of a registrant, who is also a principal of the firm or officer of the corporation. The name of said registrant shall appear whensoever the firm name is used in the professional practice of the firm or corporation" shall mean that the name of said registrant be imprinted on all firm or corporate stationery used in the professional practice of the firm or corporation.

C. A.R.S. 32-146

The term "principal livelihood" as used within the section defining "present landscape architecture requirements" stating that "the Board may certify for registration, any applicant who submits proof acceptable to the Board that the applicant has had at least seven years of practice in landscape architecture, as defined in section 32-101 as a principal livelihood" has reference to an occupation or business on which the applicant chiefly relied during that period for a livelihood and that engrossed most of his time and attention during each year.

RULE IV. SEALS AND IDENTIFYING MARKERS FOR REGISTRANTS

1. Description of Seals

Each person registered under this law must secure and use an embossed circular seal, or rubber stamp, one and one-half (1½) inches in diameter, consisting of two concentric circles, the inner circle to be one and one-eighth (1-1/8) inches in diameter. The upper portion of the annular space between the two circles shall bear whichever of the following phrases is applicable to the registrant: "Registered Architect," or "Registered Professional Engineer" together with the branch of engineering in which registered, "Registered Geologist," "Registered Landscape Architect," "Registered Land Surveyor," or "Registered Assayer." At the bottom of the annular space between the two circles shall appear the inscription "Arizona, U.S.A." The inner circle shall contain the name of the registrant, his registration number, and the words "Date signed."

2. Use of Seals

An imprint of the registrant's valid seal shall appear on each and every sheet of drawings and on the cover and index page of each set of specifications and/or reports or other professional documents prepared by a registrant or his bona fide employee. Superimposed over the imprint of the seal shall be the original signature of the registrant and the date indicated when the seal imprint was signed.

3. Seals, Securing

The registrant shall order his seal through the office of the Board of Technical Registration by paying the cost of manufacturing said seal, and signing an imprint of the seal and affidavit regarding its use for the

records of the Board. Seals secured by registrants under prior rules established by the Board shall remain valid. Engineers registered in more than one branch shall secure and use a seal for each branch of engineering in which registration has been granted.

4. Identifying Markers, Securing

Registered Land Surveyors and registered Professional Engineers, when engaged in land surveying, shall secure at their own expense metal rods, pipes, tags, caps or embossed nails which shall show the registrant's Arizona Registration Number as issued by the State Board of Technical Registration and each registration number shall be prefixed by the letters L.S. or P.E., respectively, as the case may be.

5. Use of Identifying Markers

Registered Land Surveyors and registered Professional Engineers, when engaged in land surveying, shall securely attach one identifying marker to every permanent survey point set during the practice of surveying tracts of land for the determination of their correct locations.

RULE V. CERTIFICATIONS

A certificate of registration of such size and form as the Board may approve shall be given to each registrant. Each registrant shall also receive a card on which shall be set forth all of the data that appears on the registrant's certificate of registration. Certificates of registration shall expire on December 31st of each year, and shall be invalid after that date unless renewed by payment of the required renewal fee as defined in A.R.S. 32-127. Receipt by the registrant of a renewal card for the current year shall be evidence that the certificate of registration is valid.

RULE VI. TEMPORARY PERMITS

Temporary permits to practice architecture, assaying, engineering, geology, landscape architecture or land surveying may be issued, covering one project only, for a period not to exceed ninety days to a non-resident holding a valid certificate of registration as an Architect, Assayer, Engineer, Geologist, Landscape Architect or Land Surveyor by another state or territory of the United States who is an applicant for professional registration in Arizona. An applicant desiring a temporary permit shall file with his application for professional registration the prescribed form for a temporary permit. The temporary permit fee is exclusive of any application fee for professional registration.

RULE VII. REVISIONS

Any revisions in the Rules and Regulations adopted by the Board pursuant to the authority of Arizona Revised Statutes of January, 1956, as amended, shall be proposed and discussed at a meeting and, if approved, publication shall be made and a hearing shall be called as required by law for the next regular meeting of the Board, at which time action will be taken.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

DATE: December 5, 1968

TO: All Board Members

FROM: Executive Secretary

SUBJECT: Letters to the Professional Societies

The September 20th meeting of Grievance Committee #1 which was accepted and implemented by motion of the Board required that the Board request assistance of the technical and professional societies in Arizona concerning complaints reported to the Board.

A letter under the signature of the Chairman, as per the attached sample, was sent to the following Arizona societies:

Fred Jobusch	Arizona Society of Architects
Richard M. Arnold	Central Arizona Chapter, A.I.A.
Robert J. Maassen	Southern Arizona Chapter, A.I.A.
John Girand	Consulting Engineers Council of Arizona
Randon E. Holben	Structural Engineering Assoc. of Arizona
Keith D. Hollinger	Ariz. Assoc. of Landscape Architects
Roy Post	American Institute of Chemical Engineers
John M. Ross	Institute of Electrical & Electronics Engineers
George Tallent	American Institute of Industrial Engineers
John A. Collins	American Society of Mechanical Engineers
Philip B. Newlin	American Congress on Surveying & Mapping
Hector C. Durand	Arizona Society of Professional Land Surveyors
William C. Peters	Arizona Geological Society
Ben Dibble	Ariz. Sec., American Society of Civil Engineers
Paul Wright	Phx. Branch, American Society of Civil Engineers
Richard Harris	So. Ariz. Branch, American Society of Civil Engineers
Hale C. Tognoni	Arizona Society of Professional Engineers
A. E. Ferugson	Central Chapter, Ariz. Society of Prof. Engrs.
J. Pitts Jarvis	Cochise Chapter, Ariz. Society of Prof. Engrs.
Cleland N. Conwell	Eastern Chapter, Ariz. Society of Prof. Engrs.
Angel Gomez	Northern Chapter, Ariz. Society of Prof. Engrs.
H. W. Krussman	Papago Chapter, Ariz. Society of Prof. Engrs.
Frances S. Walker	Southern Chapter, Ariz. Society of Prof. Engrs.
C. C. Tabor	Western Chapter, Ariz. Society of Prof. Engrs.

As of this date, answers or acknowledgements of the letter have been received from the following:

John Girand	Consulting Engineers Council
Randon E. Holben	Structural Engineering Assoc. of Arizona
Keith D. Hollinger	Arizona Assoc. of Landscape Architects
J. Pitts Jarvis	Cochise Chapter, Ariz. Society of Prof. Engrs.
Douglas D. Lewis	So. Arizona Branch, American Society of Civil Engineers
H. R. Solano	Phoenix Branch, American Society of Civil Engineers

WJE/js

Attachment *cc*

March 12, 1969 - Engineering Evaluation Committee Meeting, Phoenix, Arizona
Afternoon &
March 13, 14, 1969

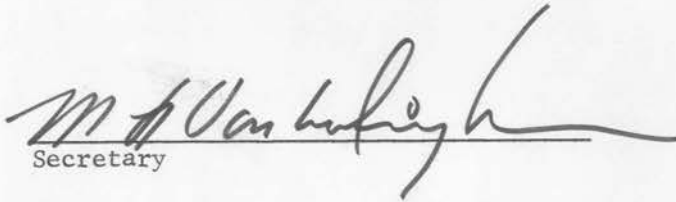
March 28-29, 1969 - Regular meeting of the Board, Tucson, Arizona

ADJOURNMENT

It was moved by Dean Hall and seconded by Mr. Cassidy that the meeting be adjourned at 2:45 P.M., Motion carried.



Chairman



Secretary