

## MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

June 11, 1973

The meeting of the State Board of Technical Registration was called to order by Mr. Ralph L. Wyatt, Chairman, in the Arizona Public Service Building, North Beaver and Cherry Avenue, at Flagstaff, Arizona, at 9:30 A.M.

PRESENT

Ralph L. Wyatt, Chairman  
 Robert G. Wallace, Vice-Chairman  
 Robert M. Bowsby, Secretary  
 C. W. Dryden  
 John Girand  
 James L. Knickerbocker  
 C. W. Newlin  
 M. L. Vanlandingham  
 Fred Stork, Asst. Atty. Gen.

ABSENT

Lew Place

Guest: Al Saylor representing A.I.A.

It was moved by Mr. Girand and seconded by Mr. Wallace that the minutes of the meeting of the Board on March 16, 1973, be approved as presented.  
 Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

As Governor Williams has recently made reappointments, the following is a list of the members of the Board and their expiration dates of appointment:

Robert M. Bowsby	June 30, 1974
C. W. Dryden	June 30, 1974
John Girand	June 30, 1976
James L. Knickerbocker	June 30, 1975
Charles W. Newlin	June 30, 1976
Lew Place	June 30, 1976
M. L. Vanlandingham	June 30, 1975
Robert G. Wallace	June 30, 1974
Ralph L. Wyatt	June 30, 1974

REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. Girand stated that the committee had not held any meetings and there was no report.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Dryden noted that House Bill 2150 regarding the Department of Commerce did not pass in this session of the Legislature.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation Committee meeting report of May 14 and 15, 1973, was presented by Chairman Vanlandingham, as shown on Minute Pages 3201, 3202, and 3203.

It was moved by Mr. Vanlandingham and seconded by Mr. Wallace that the above report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Landscape Architectural Evaluation Committee meeting report of May 14, 1973, was presented by Chairman Bowsby, as shown on Minute Page 3204.

It was moved by Mr. Bowsby and seconded by Mr. Knickerbocker that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Dr. Newlin presented the Engineering Examination Committee meeting report of April 4, 1973, as shown on Minute Page 3205, and commented that he had not yet named the faculty members but will do so before the preparation of the next examinations. He also reported that there were the same number of failures in the land surveying examinations of the national examination as compared to the ones previously prepared by Mr. Borgo.

Mr. Knickerbocker stated that possibly we are allowing unqualified people to take the land surveying examinations and that possibly in our future evaluations we have to look a little more carefully through the file to determine whether they are qualified. However, Mr. Dryden felt we should not disregard the registered references who endorse the applicant as qualified for the examinations.

It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Executive Director when he sends out the notice of examinations shall include with the one-page information sheet, more material concerning the subjects of the land surveying examination. Motion carried.

Prior to the report of the Engineering Evaluation Committee, Mr. Drewry read a letter, received special delivery on June 9, 1973, from Edgar Marshall Bollin, geological applicant, #73-232, who had appeared at the May evaluation meeting. Mr. Knickerbocker stated at the time he was interviewed, there was no evidence of his qualifications for registration under A.R.S. 32-126, nor could the committee consider him eminent in his field of practice. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the decision of the Engineering Evaluation Committee stand. Motion carried.

Letter from Aaron M. Kram, structural engineer applicant, #73-189, regarding the Engineering Evaluation Committee's recommendation at his interview on May 17, 1973, was presented as shown on Minute Pages 3206 and 3207. Dr. Newlin suggested that the Chairman direct the Executive Director to reply to this letter to the effect that the Evaluation Committee, which was properly constituted at the time of the meeting, does not pass judgment on the applicant prior to his appearance and the reason of the personal audience is to determine the qualifications with him face-to-face, and one of the reasons the structural engineers are required to be examined is the seismic input of the examination.

DATE: June 1, 1973

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on May 14 and 15, 1973, in Phoenix, Arizona with the following members present:

Robert M. Bowsby  
 M. L. Vanlandingham  
 Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Barth, Arthur Henry	73-184	McHugh, John Wells	73-180
Blunk, Robert Musser	73-159	Morganelli, Daniel	72-471
Boldon, Charles Morton	73-87	Novak, Charles David	73-215
Christensen, Samuel Cluff	73-176	Palmer, Dan Saxon (re-reg.)	73-177
Cohen, Jack A.	72-490	Ratner, Max	72-193
Crouch, Ronald L.	73-262	Rice, George C.	73-76
Currie, Archibald, III	73-75	Rose, Leroy	72-641
De Bartolo, Jack, Jr.	73-78	Ross, Edgar Bruce	73-266
Dower, James Daniel, Jr.	73-282	Rothman, Harold Richard	73-160
Enloe, Hansell P.	73-263	Scott, Frederick Seward	72-594
Halasz, Andre	73-28	Sias, Ralph Maxson	73-251
Haley, John James	73-213	Sigurdson, John Thomas	73-259
Harper, David Evans	73-164	Strachocki, Jeremi Juliusz	73-246
Harris, L. Frank	73-267	Summers, Gene Rudolph	73-83
Harris, Ralph Everett	73-85	Tigerman, Stanley	73-52
Harvey, William G.	73-127	Van Tilburg, Johannes F. P.	72-545
Johnson, Milton Franklin	73-173	von Dameck, Theodore Charles	73-82
Laiderman, Ralph Yale	73-255	Wilson, Ernest Clifford, Jr.	73-245
Lee, Robert Ellis	73-115	Zlochower, Benjamin	73-81

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 examination indicated:

Applicants held for the June and/or December, 1973 examinations:

Bell, Robert Michael	73-216	Equivalency & Professional
Brock, Daniel Wesley, III	73-211	Equivalency & Professional
Bruder, William Paul	73-163	Equivalency & Professional

Continued.....

## II. Continued

Crowdus, Jon Charles	73-117	Equivalency & Professional
Dixon, Charles W.	73-84	Equivalency & Professional
Doyle, Thomas Francis, III	73-206	Equivalency & Professional
Eddy, Douglas Mann	73-165	Equivalency & Professional
Erickson, Bruce Tor	73-162	Equivalency & Professional
Essley, Ronald Leonard	73-168	Equivalency & Professional
Fronske, Robert Dean	73-178	Equivalency & Professional
Greenhaw, Joe Edwin	73-50	Professional
Haughey, Wilfrid Henry, III	73-204	Equivalency & Professional
Hileman, Mark McBride	73-183	Equivalency & Professional
Hite, Ralph Mason, III	73-187	Equivalency & Professional
Hofmann, Jack Templin	73-175	Equivalency & Professional
Hubartt, William Dean	73-77	Equivalency & Professional
James, Michael Evan	73-179	Equivalency & Professional
James, Michael Peter	73-186	Equivalency & Professional
Klien, Wolfgang Josef	73-181	Equivalency & Professional
Kubicek, Robert W.	73-208	Equivalency & Professional
Lovchik, Lily Wong	72-441	Professional
Luera, Frank Santos	73-248	Equivalency & Professional
Lussier, Rick Gene	73-185	Equiv. Design only & Professional
Madole, Howard Marion	73-157	Equivalency & Professional
Mah, Jerry Kwok	73-172	Equivalency & Professional
Norstrom, Randall Raymond	73-156	Equivalency & Professional
Numkena, Dennis C.	73-118	Equivalency & Professional
Podolsky, William I.	73-212	Equivalency & Professional
Reece, Richard Allen, Jr.	73-182	Equivalency & Professional
Reynolds, Gary Don	73-207	Equivalency & Professional
Richardson, William H.	73-253	Equivalency & Professional
Saunders, Allen Dean	73-203	Equivalency & Professional
Scacco, Richard Anthony	73-209	E-Architectural Design
Seaver, Douglas Lee	73-166	Equivalency & Professional
Shay, Howell Lewis, III	73-116	Equiv. Design only & Professional
Shelor, Michael Edward	73-167	Equivalency & Professional
Simpson, Veldon	73-88	Equivalency & Professional
Sweet, Arthur Gordon	73-210	Equivalency & Professional
Tubbs, H. James	73-170	Equivalency & Professional
Tuinstra, Michael Alan	73-174	Equiv. Design only & Professional
Valenzuela, Rafael L.	73-86	Equivalency & Professional
Van Voorhis, Standish, Jr.	73-250	Equivalency & Professional
Wallace, Duane Harry	73-119	Professional
Ward, James Owen	73-169	Equiv. Design only & Professional
Wright, Richard Sefton	73-158	Equivalency & Professional
Yantzer, Robert Douglas	73-249	Equivalency & Professional
Zinn, James A., Jr.	73-161	Equivalency & Professional

III. The following applicant having been advised twice to submit his treatise on seismic forces and for his failure to do so within a reasonable length of time, the committee recommends to the Board that he be denied:

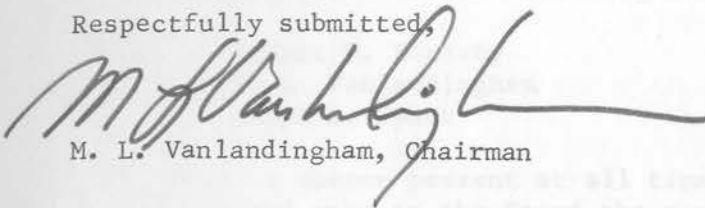
Huff, J. Richard	72-291
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IV. The following applicant having been advised twice he was scheduled to appear before the committee and for his failure to do so, the committee recommends he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Moore, James Crozier, III 72-555

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,



M. L. Vanlandingham, Chairman

At all times the committee reviewed the following recommendations regarding their registration in Arizona:

Following applicant having appeared before the committee and advised the committee that he is fully qualified to receive registration in Arizona under A.R.S. 22-123.A and A.R.S. 22-124, is recommended for registration in landscape architecture:

Mr. Donald Charles 73-103

Following applicant having appeared before the committee and during the personal audience interview, made presentation of oral evidence of his proficiency, A.R.S. 22-123.A, and it is recommended to the Board that this individual be held for the action indicated beginning in June, 1973.

Mr. Robert 73-108 Parts 1, 2, 3, 4 and 5

The committee recommends to the Board that Recommendation I and II of this report be accepted and implemented.

Respectfully submitted,



M. L. Vanlandingham, Chairman

DATE: June 1, 1973

TO: State Board of Technical Registration

FROM: Landscape Architectural Evaluation Committee

SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on May 14, 1973, in Phoenix, Arizona, with the following members present:

Robert M. Bowsby  
 M. L. Vanlandingham  
 Ralph L. Wyatt

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 applicant having appeared before the committee and satisfied the committee that he is fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, is hereby recommended for registration in landscape architecture:

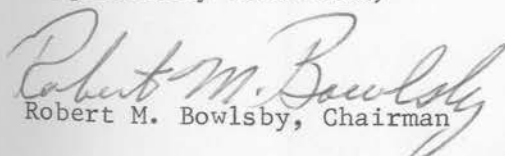
Fassnacht, Donald Charles 73-205

- II. The following applicant having appeared before the Committee, while completing the personal audience interview, needs demonstration of additional evidence of his proficiency, A.R.S. 32-123.B, and it is recommended to the Board that this individual be held for the written examinations indicated beginning in June, 1973:

Elder, Daniel Robert 73-188 Parts 1, 2, 3, 4 and 5

The committee recommends to the Board that Recommendation I and II of this report be accepted and implemented.

Respectfully submitted,

  
 Robert M. Bowsby, Chairman

WEDNESDAY, APRIL 4, 1973

Members Present: C. W. Newlin, C. W. Dryden, John Girand and R. G. Wallace

In regard to the letter from Senator Gabeldon concerning Mr. Truman's application to take the E.I.T. examination, members of the Committee are answering the letter individually.

In response to Dean Mehrhoff's letter concerning applications from Mr. Truman, Mr. Bain, Mr. Parker and Mr. Kidd, it was decided that Dean Mehrhoff should be informed that the committee has reaffirmed its decision that each candidate is required to have about one year's additional satisfactory experience.

In discussion of Mr. Edelblut's letter regarding proposed changes in the ECPD organization, it was decided to table this item.

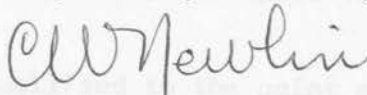
At request of Mr. Don Sloat, the committee reviewed his December, 1972, examination answers and reaffirmed his failing grades.

Parts III and IV of the Civil Engineering examinations were reviewed and approved with the additions and deletions made following the meeting held March 16, 1973.

It was moved by Dr. Newlin that the Committee choose a faculty member at University of Arizona and at Arizona State University to be responsible for the examination questions prepared at his institution; and that the person selected will be invited to meet with the Committee to determine the type of questions required. The motion was seconded by Mr. Girand and carried. Dr. Newlin was delegated to select the two men.

Parts I and II of the Land Surveying examination purchased from N.C.E.E. were reviewed and approved for use on April 14, 1973. Parts III and IV of the Land Surveying examination prepared by Mr. Borgo were approved for use on April 15, 1973.

Respectfully submitted,



C. W. Newlin  
Chairman

AMK

AARON M. KRAM & ASSOCIATES, INC.  
CONSULTING STRUCTURAL ENGINEERS

PROGRESS WEST INDUSTRIAL PARK  
75 WORTHINGTON DRIVE  
MARYLAND HEIGHTS, MO. 63043  
TEL: AREA CODE 314 - 878-4818

May 23, 1973

Mr. Edward G. Drawry, Executive Director  
State Board of Technical Registration  
3550 N. Central Avenue - Suite 923  
Phoenix, Arizona 85012

RECEIVED

MAY 25 1973

STATE BOARD TECHNICAL REGISTRATION

Dear Mr. Drawry:

On May 17, 1973 at 2:05 p.m. I appeared for a personal audience, per instructions of your letter dated May 2, 1973.

"I want to make this perfectly clear", I am not condemning your Board's requirements for registration. There is no doubt that the nine members of your Board have the prerogative to decide what background should be required to allow an individual to become registered in your State. However, I am at this time, protesting the total procedure which was followed in my particular case.

Per your request, I completed the application which clearly stated that I must be registered by "examination" as a professional engineer in my home state. I have been registered and in good standing in the State of Missouri since 1955. My registration in five other states has been by reciprocity.

I further stated that I have been in my own practice since February, 1964. There were no false statements, nor have I attempted to misrepresent myself in any way.

Your letter states that I was qualified to the point of a personal audience with the Evaluation Committee of the Board.

My first disappointment, in reference to this review, was the fact that only two engineers were present, in addition to yourself. Your Rules and By-Laws, Section II, Item \*8, Evaluation & Examination Committee, states that all engineering members (5) plus the ninth member of the Board, if he is registered as an Assayer, Geologist or Land Surveyor, shall be in attendance.



Secondly, the two engineers that questioned me determined that the Missouri examination did not comply with Arizona requirements. This decision is entirely up to your Board, which in my opinion, is and should be the last word.

However, I do not feel that your Board has done their "homework". If they had, they would have known and should have notified me, prior to my trip to Phoenix, that the Board could not accept Missouri's 16 hour examination, as satisfactory to Arizona.

The trip to Phoenix was expensive (\$193.00 air and \$40.00 miscellaneous expense), time consuming (1 1/2 days lost from my office) and, as a result of the above, a total disappointment.

I very strongly suggest that your Board formulate a policy which will eliminate the wasteful spending of money as well as "valuable" time to any applicant whose background, in your opinion, does not meet the requirements of your State.

Your Code, Rules and By-Laws do not indicate any requirements in education or background which may differ from the requirements of the State of Missouri.

Yours truly,

AARON M. KRAM & ASSOCIATES, INC.

*Aaron M. Kram*  
Aaron M. Kram,  
President

AMK:agk

cc Chairman of the Board for Technical Registration

ARCHITECTS - Cont'd	
Harris, Ralph Everett	8924
Harvey, William G.	8925
Jensen, Wilson Franklin	8926
Lindstrom, Ralph Yale	8927
Lee, Robert Ellis	8928
McHugh, John Wells	8929
Morganelli, Donald	8930
Moore, Charles David	8931
Palmer, Ben James (Retiree)	4347
Ryan, Max	8932
Rice, George E.	8933
Ross, Lyle	8934
Sage, Edgar Bruce	8935
Swanson, Harold Richard	8936

The file of Mr. Chang Won Ahn, Civil Engineer applicant, #73-143, who appeared for his interview on May 22, 1973, was presented to the Board for full Board discussion. Mr. Wallace stated Mr. Ahn was educated in United States and obtained registration in California by written examination; however, he would not have eight years of experience until August of this year. It was moved by Mr. Wallace and seconded by Mr. Dryden that Mr. Ahn's application be held in abeyance until September when he is expected to meet the statutory requirements for registration. Motion carried.

The Engineering Evaluation Committee meeting report of May 16, 17, 18 and 22, 1973, together with the examination committee meeting of June 1, 1973, was presented by Chairman Newlin, as shown on Minute Pages 3209 through 3220.

It was moved by Dr. Newlin and seconded by Mr. Girand that the above report of the Engineering Evaluation and Examination Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Engineering Examinations in November, 1973, was presented as shown on Minute Page 3221.

It was moved by Dr. Newlin and seconded by Mr. Dryden that the above schedule be approved as presented. Motion carried.

Mr. Knickerbocker reported that when the Engineer-in-Training results are forwarded from Educational Testing Service, there is a breakdown of the examinees who are either graduates of ECPD curricula, non-ECPD graduates or non-graduates. This information indicated graduates of the ECPD curricula did substantially better on the examination than the non-ECPD, and the non-graduates brings up the tail end. He stated it might be helpful to the public to have this information. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the Executive Director prepare a news release to the technical societies, magazines and others relating the statistical analysis of the performance of the people who are taking the Engineer-in-Training examination. Motion carried.

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

Barth, Arthur Henry	8910
Blunk, Robert Musser	8911
Boldon, Charles Morton	8912
Christensen, Samuel Cluff	8913
Cohen, Jack A.	8914
Crouch, Ronald L.	8915
Currie, Archibald, III	8916
De Bartolo, Jack, Jr.	8917
Dower, James Daniel, Jr.	8918
Enloe, Hansell P.	8919
Halasz, Andre	8920
Haley, John James	8921
Harper, David Evans	8922
Harris, L. Frank	8923

ARCHITECTURE - Cont'd.

Harris, Ralph Everett	8924
Harvey, William G.	8925
Johnson, Milton Franklin	8926
Laiderman, Ralph Yale	8927
Lee, Robert Ellis	8928
McHugh, John Wells	8929
Morganelli, Daniel	8930
Novak, Charles David	8931
Palmer, Don Saxon (re-regis.)	4597
Ratner, Max	8932
Rice, George C.	8933
Rose, LeRoy	8934
Ross, Edgar Bruce	8935
Rothman, Harold Richard	8936

DATE: June 1, 1973

TO: State Board of Technical Registration  
 FROM: Engineering Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on May 16, 17, 18, and 22, 1973, Phoenix, Arizona, with the following members present:

C. W. Dryden	C. W. Newlin
John Girand	Robert G. Wallace
James L. Knickerbocker	

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 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

Benjamin, Lloyd William	73-217
Bergland, Ronald Jack	73-229
Black, Joseph Layne	73-55
Brunson, H. Rex	73-230
Burkhardt, Lawrence Ronald	73-100
Chambliss, Robert Flake	73-149
Clough, John Thomas	73-153
Gummins, Neil Joseph, Jr.	73-239
Dani, Bruce Nathaniel	73-138
Ewing, Lewis J., Jr.	73-150
Fischer, Paul Joseph	73-56
Hall, George Willoughby	73-98
Hausman, Leon Joseph	73-132
Hayes, Joe Lynn	73-124
Holland, Clyde Nelson	73-103
Jacus, Willis Arthur	73-240
Jones, Garr Morgan	73-5
Lee, Louis Joseph	73-68
Lichliter, John Calvin, III	73-200
Lord, Robert Vinton, Jr.	73-106
McCabe, Gary Lee	73-39
Meininger, Richard Carl	73-102
Michael, Stanley Austin	73-191
Myer, Donald Gene	73-62
Perce, George Speer	73-112
Radecki, John Joseph, Jr.	73-201
Rethy, Zoltan K.	73-141
Rich, Donald Lee	73-244

CIVIL ENGINEERING - Cont'd.

Sherer, Keith Roger	73-109
Spink, Charles Michael	73-95
Weiss, David Charles	73-140
Weiss, Robert A.	73-129
Westphal, Don Karl	73-231
Ziegler, Jon Milton	73-74

ELECTRICAL ENGINEERING

Burns, Loren Irwin	73-238
Doyle, James Patrick	73-90
Haskell, John W.	72-581
Kanervo, Henry Ilmari	73-194
Levett, James E.	73-58
Moon, Grant Parks	72-585
Thomas, Calvin Ray	73-63
Weeks, William George	73-152
Welt, Robert Henry	73-79

GEOLOGICAL ENGINEERING

Hatheway, Allen Wayne	73-121
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MECHANICAL ENGINEERING

Baum, John Allan	73-192
Crane, Merlin Leroy	72-613
Groenewold, Van Dick	73-134

Continued.....

## I. Continued

MECHANICAL ENGINEERING - Cont'd.

Hughes, Richard Robert	73-154
Horiuchi, Katsuhiko	73-221
Johns, Thomas G.	73-101
Knowles, James Arthur	73-69
Mahoney, Robert Donald	73-228
Migdal, Norman Bernard	73-222
Neubeck, William Herman, Jr.	73-155
Newkirk, Robert William	72-567
Teji, Darshan S.	73-96

METALLURGICAL ENGINEERING

Morris, Thomas Martin	72-583
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MINING ENGINEERING

Burton, Robert S.	73-122
Hightower, Robert Paul	73-146

STRUCTURAL ENGINEERING

Bole, Frank Shayne	73-148
Cochran, Brian Lee	73-193
Cohen, Eli Werner	73-190
Collins, Robert Lewis	73-197
Read, Charles B., Jr.	73-243

STRUCTURAL ENGINEERING - Cont'd.

Culp, Robert Lee	73-198
Davis, Harold Aven	73-67
Ferguson, Richard F.	73-131
Lin, Tse Win	73-136
McEnary, David Nye	73-236
Mauser, Donald Brewster	73-61
Oldham, Charles E.	73-111
Wolfson, Yehuda	73-73

ASSAYING

Tindall, Frank McAfee	73-99
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LAND SURVEYING

Anderson, James D.	73-147
Brase, Sidney H.	73-218
Call, John Robinson	73-105
Hayes, Joe Lynn	73-125
Kauss, Myron Rinehart	73-234
Marsh, Floyd Victor	73-126
Noice, Gilbert Vincent	73-94
Race, Joseph	72-629
Ray, Gordon Walcott	73-92
Ward, Jimmie Dale	73-227

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 November, 1973, examinations:CIVIL ENGINEERING

Brase, Sidney H.	73-113	Parts 1, 2, 3 and 4
Franzoy, Carl Eugene	73-199	Parts 3 and 4
Free, Roger Allen	73-72	Parts 1, 2, 3 and 4
Hatch, Joseph Austin, III	73-220	Parts 3 and 4
Malone, Estes Fowler	73-60	Parts 3 and 4
Nerison, John P.	73-65	Parts 3 and 4
Ondoy, Oscar S.	72-654	Parts 3 and 4

ELECTRICAL ENGINEERING

Rollstin, Gary Raymond	73-97	Parts 3 and 4
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HIGHWAY ENGINEERING

Key, Orin William	73-44	Parts 1, 2, 3 and 4
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MECHANICAL ENGINEERING

Arrigo, Anthony Joseph	73-104	Parts 3 and 4
Gomez, Paul Ruiz	73-142	Parts 3 and 4
Sampson, Walter Eugene	73-144	Parts 3 and 4
Wood, Byard Dean	72-655	Parts 3 and 4

## II. Continued

<u>MINING ENGINEERING</u>		
Robles, Manuel Arthur	73-108	Parts 3 and 4
<u>NUCLEAR ENGINEERING</u>		
McDonald, Harold L.	73-114	Part 4
<u>STRUCTURAL ENGINEERING</u>		
Dani, Bruce Nathaniel	73-139	Parts 5 and 6
Hu, William Che-ming	73-151	Parts 5 and 6
Kram, Aaron M.	73-189	Parts 5 and 6
<u>GEOLOGY</u>		
Bollin, Edgar Marshall	73-232	Parts 3 and 4
Briscoe, James A.	73-70	Parts 3 and 4
Smillie, Braven Robert	73-93	Parts 3 and 4
<u>ASSAYING</u>		
Thompson, Charles Emmett	73-64	Parts 1 and 2
<u>LAND SURVEYING</u>		
Brown, James Arthur	73-107	Parts 1, 2, 3 and 4
Carlson, Lonny B.	73-71	Parts 1, 2, 3 and 4
Hightower, Robert Paul	73-145	Parts 1, 2, 3 and 4
Remington, James Edwin	73-91	Parts 1, 2, 3 and 4

Applicant held for the April, 1974, examinations:

<u>HIGHWAY ENGINEERING</u>		
Mitchell, William A.	73-202	Parts 1, 2, 3 and 4

- III. The Engineering Examination Committee met on June 1, 1973, with C. W. Newlin, John Girand and James L. Knickerbocker present. The committee reviewed the examinations given in April, 1973, and recommends to the Board that the grades as shown on the pages following this report be so certified.

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,



C. W. Newlin, Chairman

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>CHEMICAL ENGINEERING</u>						
72-215	Ginand, Philip M.	Ex	Ex	F	70	4
* 72-620	Miller, Ronald L.	Ex	Ex	89.4	70	3,4
<u>CIVIL ENGINEERING</u>						
72-85	Arnegard, Cameron B.	Ex	Ex	F	F	
73-9	Atkinson, Charles H.	P	P	86	F	3
* 72-335	Baker, Christopher J.	P	P	81	70	3,4
* 71-22	Barrios, Frank M.	Ex	Ex	73	P	3
72-431	Beene, James Ralph	P	P	77	F	3
72-493	Bergeon, Joseph S.	Ex	Ex	F	75	4
72-540	Bernero, Robert H.	Ex	Ex	F	F	
70-58	Bertella, Guido J.	F	F	F	P	
73-14	Blakley, Ross D., Jr.	P	P	88	F	3
* 72-81	Burritt, Benjamin E.	Ex	Ex	88	P	3
72-615	Burruss, William T.	Ex	Ex	F	F	
* 72-400	Castillo, Eduardo	Ex	Ex	81	75	3,4
* 72-455	Chalaby, Barsom F.B.	P	P	90	80	3,4
* 71-287	Coe, John Ellis	P	P	86	P	3
* 72-429	Copeland, Gerald R.	Ex	Ex	70	70	3,4
69-368	Covington, Edward B.	F	F	F	P	
72-95	Dadisman, Lawrence D.	Ex	Ex	73	F	3
72-279	Dale, Edward E.	Ex	Ex	F	F	
70-311	Dalrymple, Guerry M.	F	F	F	80	4
71-188	Damgaard, Kenneth K.	P	P	F	F	
* 63-489	Delaney, John Leo	Ex	Ex	77	P	3
72-651	DeWitt, Dennis L.	P	P	77	F	3
72-357	Dossey, Ray	F	P	F	P	
72-634	Draeger, Thomas R.	Ex	Ex	70	F	3
71-53	Dunlap, Barry A.	P	P	F	P	
72-484	Eagar, Terry S.	P	P	F	F	
72-527	Ebeltoft, Richard A.	Ex	Ex	F	80	4
70-406	Eychner, Richard M.	F	F	F	P	
71-305	Fisk, William H.	Ex	Ex	F	P	
72-411	Fox, Delmar E.	P	P	73	F	3
* 71-282	Frisby, Jose R.	Ex	Ex	75	P	3

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
* 73-33	Garner, Gordon R.	Ex	Ex	75	70	3,4
71-230	Gernandt, Richard W.	F	F	F	F	
* 71-293	Glenn, Edward S.	P	74	P	P	2
72-309	Guild, Kirke L.	P	P	F	F	
* 72-501	Helmhout, Norman E.	P	P	P	70	4
73-34	Hudson, John T.	F	F	F	F	
72-458	Jacobs, Carley W.	Ex	Ex	70	F	3
72-500	Jenesok, Eugene I.	P	F	98	70	3,4
* 72-449	Jolly, Billy Rex	Ex	Ex	P	90	4
70-430	Jones, Jerry Ray	Ex	Ex	F	F	
71-190	Kaminski, Daniel L.	Ex	Ex	P	F	
69-270	Kirdar, Edib	Ex	Ex	F	P	
73-59	Lieberman, Joel G.	Ex	Ex	F	70	4
72-216	McFadden, Gene R.	Ex	Ex	Ex	F	
72-218	Madhok, Ashok K.	Ex	Ex	95	F	3
69-410	Mathein, Fredrick J.	F	F	75	P	3
71-472	Matthews, Lawrence E.	P	P	F	F	
* 72-227	Milne, James E.	P	P	81	70	3,4
* 71-363	Morris, James Lee	Ex	Ex	P	91	4
67-322	Newton, Thomas M.	P	P	F	P	
72-119	Osborn, Paul G.	Ex	Ex	F	P	
72-568	Otterness, Terryl H.	Ex	Ex	F	70	4
* 72-34	Perry, Richard J.	Ex	Ex	P	70	4
72-505	Perslow, Johan A.	Ex	Ex	F	F	
70-260	Phelps, Donald G.	P	F	F	F	
* 71-344	Pilcher, Delbert L.	Ex	Ex	88	P	3
* 73-35	Reachmack, Nickolas J.	P	P	92	70	3,4
* 73-21	Reiley, Wayne P.	P	P	100	70	3,4
* 70-295	Rodriguez, John E.	P	P	88	P	3
69-217	Roose, James F.	Ex	Ex	F	P	
* 72-325	Russell, Thomas E.	P	P	73	P	3
72-41	Sanders, Lyle D., Jr.	Ex	Ex	100	F	3
73-1	Schick, Dennis F.	Ex	Ex	75	F	3
72-453	Schmidt, Ernest	72	72	F	F	1,2
* 72-418	Sloat, Donald W.	Ex	Ex	77	70	3,4
61-96	Smith, Robert H.	P	P	F	P	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
72-461	Stramandinoli, F. E.	Ex	Ex	F	F	
* 71-516	Tanner, Stephen L.	P	P	P	70	4
* 72-503	Troyer, Brian M.	P	P	95	P	3
* 72-448	Vlastelich, Rudolph J.	P	P	75	80	3,4
68-345	Webb, Paul T., Jr.	Ex	Ex	F	F	
72-373	Wier, Michael P.	F	F	75	F	3
71-473	Williams, Robert R.	Ex	Ex	F	F	
* 72-390	Winters, Daniel B.	P	P	86	P	3
72-530	Winzer, Charles W.	Ex	Ex	F	F	
* 70-369	Wisser, Gerhard K.	P	P	P	70	4
* 61-113	Wittman, Joseph M.	Ex	Ex	75	P	3
72-298	Wolan, John G.	Ex	Ex	F	F	
73-38	Wong, Hong	Ex	Ex	70	F	3
73-12	Woolery, Robert C.	P	P	F	F	
72-574	Worthington, Henry W.	Ex	Ex	70	F	3
69-166	Ziegler, Lawrence L.	P	P	F	P	

## ELECTRICAL ENGINEERING

* 72-77	Colapret, Edward E.	P	P	75	P	3
70-479	Cunning, Raymond D.	Ex	Ex	F	P	
68-140	Dubin, Thomas	Ex	Ex	F	P	
* 72-627	Frank, Raymond G.	Ex	Ex	95	85	3,4
70-85	Grommes, William K.	P	P	F	P	
* 71-324	Kirsch, James D.	Ex	Ex	70	P	3
72-487	Loar, James A.	F	F	F	F	
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
* 72-394	Merett, Robert G.	Ex	Ex	95	P	3
72-389	Ormsby, Lester S.	Ex	Ex	78	F	3
* 72-110	Rampley, Gregory P.	P	P	70	80	3,4
72-488	Schreiber, Martin B.	Ex	Ex	F	F	
* 70-170	Sims, Lee Leon	P	P	76	P	3
71-328	Wells, Walter E.	Ex	Ex	F	P	
72-35	Wilcox, Theodore W.	Ex	Ex	92	F	3



NO.	NAME	Part I	Part II	Part III	Part IV	Passed
GEOLOGICAL ENGINEERING						
73-18	Gillespie, John D.	Ex	Ex	78	F	3
70-226	Youell, James R.	P	F	F	P	

## HIGHWAY ENGINEERING

72-151	Beckham, Oscar M.	F	P	P	P	
*71-273	Burgin, Edward W.	P	P	100	P	3
68-21	Cantrell, Harvey G.	F	F	F	P	
*66-239	Collon, William P.	Ex	Ex	90	P	3
66-295	Evans, James M.	Ex	Ex	F	P	
*67-129	Howard, Robert L.	Ex	Ex	70	P	3
66-144	Minter, Charles B.	Ex	Ex	F	P	
*70-60	Ohnleiter, Robert F.	P	74	75	P	2,3
70-413	Patty, John H.	F	F	F	P	
71-285	Saban, Johnny	F	F	F	F	
72-542	Strouse, David F.	F	F	F	80	4
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	P	

## INDUSTRIAL ENGINEERING

72-410	Khanna, Hari Narayan	72	72	Ext.	Ext.	1,2
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## MECHANICAL ENGINEERING

*72-494	Adams, Stanley D.	P	P	73	90	3,4
72-536	Baltes, Robert T.	Ex	Ex	F	F	
70-348	Bassett, Robert L.	F	F	76	P	3
*71-401	Chacon, Leroy C.	Ex	Ex	72	P	3
*72-526	Christiansen, Don T.	Ex	Ex	76	70	3,4
*71-515	Dudley, Walter F.	P	P	P	70	4
72-352	Fromm, Richard G.	P	P	F	70	4
*72-106	Gallagher, Roger W.	Ex	Ex	P	80	4
*72-117	Goudy, Harlan C.	Ex	Ex	77	P	3
71-279	Haak, Charles E.	F	P	F	P	
72-599	Hoffarth, Richard C.	P	P	F	F	
72-354	John, James C.	F	F	F	70	4
72-465	Leivian, Robert J.	Ex	Ex	F	P	
*72-456	Lunceford, Donivan L.	Ex	Ex	P	70	4
*72-541	McVaugh, Joseph M.	P	P	76	80	3,4

NO.	NAME	MECHANICAL ENGINEERING - Cont'd.				Passed
		Part I	Part II	Part III	Part IV	
*71-339	Maggs, Charles A.	P	P	P	80	4
70-432	Miller, Marion E.	F	F	F	P	
*72-155	Mulligan, Donald R.	Ex	Ex	P	70	4
*71-223	Pristo, Ray E.	P	P	70	P	3
72-614	Schmitz, Frederick J.	Ex	Ex	F	70	4
71-3	Utley, Wallace R.	Ex	Ex	P	F	

## METALLURGICAL ENGINEERING

*71-257	Lagergren, Charles F.	Ex	Ex	P	70	4
*72-657	Sudderth, Robert B.	Ex	Ex	72.5	80	3,4

## MINING ENGINEERING

72-513	Krebs, David Emil	Ex	Ex	88	F	3
71-306	Littrell, Jimmie A.	Ex	Ex	F	85	4

## SANITARY ENGINEERING

*72-440	Allen, George L., Jr.	Ex	Ex	70	70	3,4
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## STRUCTURAL ENGINEERING

	NAME	Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
		72-618	Henderson, Walter E.	Ex	Ex	Ex	Ex	
*72-249	Lissiak, Victor, Jr.	Ex	Ex	Ex	Ex	75	70	5,6
73-40	Ochoa-Romero, R. B.	Ex	Ex	F	75	F	F	4
73-2	Schick, Dennis F.	Ex	Ex	75	F	80	90	3,5,6

## GEOLOGY

	NAME	Part I	Part II	Part III	Part IV	Passed
		72-630	Fiorini, Richard J.	F	F	
72-656	Ross, Donald E.	F	F	F	85	4
72-511	Shearer, Joseph E.	Ex	Ex	F	F	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
LAND SURVEYING						
72-358	Albert, Adow D.	P	70	70	F	2,3
73-13	Ashing, Carl M.	F	F	F	F	
72-419	Bedford, Dennis W.	F	F	75.7	F	3
72-250	Cocio, Eddie Y.	F	F	F	F	
*72-22	Costa, Joseph Eli	P	71	P	P	2
72-653	Engle, Thomas E.	F	71	F	F	2
71-148	Garcia, Ernest G.	F	F	F	P	
73-20	Hall, Glen Gale	F	F	DNA	DNA	
70-289	Hendrix, Robert	F	F	F	P	
72-266	Holdread, Stephen W.	74	F	71.4	F	1,3
70-383	Knighten, Howard H.	P	F	F	P	
70-313	Kuder, Sam Lee	F	70	P	P	2
72-398	Latham, James C.	F	F	F	F	
*72-605	Lupinek, Robert C.	Ex	Ex	Ex	71.5	4
71-407	Morey, Donald A.	P	F	70	P	3
*71-207	Nau, William E.	70	P	P	P	1
70-124	Ott, Wallace R.	F	F	P	P	
72-128	Pellow, Stanley C.	73	F	F	F	1
71-281	Pidsklany, Robert A.	F	F	F	F	
72-604	Ringwald, Bruce R.	F	F	F	71.2	4
70-448	Rodriguez, Fred	P	F	P	P	
*72-234	Shearrow, Henry A.	74	82	P	P	1,2
70-285	Smith, Howard H.	71	F	P	P	1
72-628	Smith, Romain H.	F	F	F	F	
*72-402	Stebbing, John F.	Ex	Ex	78.6	75.2	3,4
72-452	Streich, Richard E.	F	71	P	F	2
69-77	Torres, Alfonso	P	F	P	F	
71-30	Williams, Jerry C.	P	78	P	P	2
72-371	Wolf, Lloyd A., Jr.	72	76	F	F	1,2

## ASSAYING

	Part I	Part II	Passed
72-570 Aros, Richard Michael	83	83	1,2

NO.	NAME	GRADE
ENGINEER-IN-TRAINING		
73-26	Alber, Jerry W.	72
73-36	Almaraz, Andrew O.	F
73-27	Anderson, Donald N., Jr.	73
73-9	Anderson, Fred S.	82
73-73	Appleget, Jerrol W.	73
73-17	Armstrong, Nelson B.	72
73-54	Aroлло, Abram Henry	F
72-88	Atherton, Robert Bruce	F
73-13	Bagby, Philip S.	F
73-12	Banas, Edward C., Jr.	74
73-8	Bawden, Thomas D.	F
73-15	Beal, James Franklin	F
73-48	Beebe, Gary G.	F
73-49	Bethel, Lawrence Lincoln	99
73-2	Blake, David J.	85
73-41	Brown, Kenneth D.	80
73-23	Brown, Miller H., Jr.	77
73-55	Brugman, Paul	F
72-103	Buckley, Terry V.	F
73-74	Butler, Michael Allen	F
73-75	Butros, Charls Moaba	82
73-30	Cale, Charles E.	84
73-43	Capron, Tom	F
73-50	Carver, Robert Donald	94
73-38	Chatham, Steven	F
73-76	Cheung, Shek Michael	89
73-56	Clevenger, French L.	73
73-57	Colvin, Theron Don	70
73-58	Coronado, Alex R.	74
73-42	Cressesey, Steven D.	F
73-77	Crowe, Dennis Wayne	89
73-19	Darmiento, Frank T.	85
72-134	Davis, Lynn Herbert	70
72-8	Donaldson, George	F
73-53	Farney, James E.	96
73-31	Fincel, John McMillen	70

NO.	NAME	GRADE
73-28	Freiday, William B.	70
72-105	Frey, Calvin R.	F
72-79	Hanson, Henry J.	F
73-10	Harn, Paul A.	F
73-59	Heinz, Eric W.	88
73-3	Hernandez, Pedro A.	72
72-111	Hodder, Philip Michael	70
73-20	Holobaugh, Dwight L.	88
73-34	Hovey, Larry C.	F
73-60	Hunt, Douglas A.	89
73-61	Hunt, Joseph M.	70
72-86	Hutson, Ronald C.	F
73-78	Jackson, Ronald J.	90
73-40	Jason, Joseph E.	88
73-7	Kay, George Bruce	70
73-46	King, Wayne Dean	78
73-79	Kirchner, Jerry D.	79
73-35	Konstantinidis, Viron	96
73-62	Korth, Bruce Y.	70
72-149	Kuka, Tommy Joe	F
73-80	Lindsay, Yoland Lyzbeth	F
73-81	Lyon, Dean A.	F
72-104	Lynck, James L.	F
66-44	McCassalin, Wade L.	F
73-6	McClellan, Paul Eugene	94
73-52	McGovern, Thomas P.	73
73-63	McIntosh, Scott	85
73-64	McKeown, Michael S.	96
73-65	McLean, Thomas M.	F
72-41	Maier, Michael M.	F
73-29	Malouf, Ibrahim A.	F
73-66	Marley, Steven Allen	98
73-45	Marshall, Kenneth John, Jr.	81
73-11	Mastin, Richard A.	F
73-67	Matsushino, Anne	73
73-18	Mattison, Jeffrey R.	72
73-37	Mayou, Leon P.	81

NO. NAME

ENGINEER-IN-TRAINING GRADE

73-21	Mendola, Frank P.	F
73-5	Metheny, Gary Robert	75
72-83	Mitchell, Leonard Joseph	75
73-4	Moore, John David	70
73-44	Moreton, Bruce Douglas	89
72-110	Morris, Benjamin Franklin, Jr.	F
73-68	Mullenbach, Arnold Dean	F
73-1	Munson, John D.	94
73-82	Nakamura, George J.	85
73-69	Neff, Daniel Hansen	99
73-70	Phalen, William J.	90
72-78	Rosenstock, Hubert	F
73-71	Sabeff, Steven	87
73-33	Saliba, David L.	F
73-47	Smith, Michael Neal	97
72-106	Smith, Wiley Ricks	F
73-39	Spengler, Robert J.	F
73-22	Spikes, James A.	91
73-24	Tarkington, Dale R.	70
73-83	Thomas, Kenneth James Peter	F
73-72	Van Sande, Gregory Keith	72
72-118	Wiltscheck, Gary Jerome	70
73-84	Yee, Wanda	78

GEOLOGIST-IN-TRAINING GRADE

73-1	Long, Jeffrey Richard	F
72-1	Lund, William Russell	70

Surveying Legal Principles

Engineering Design - Structural Engineers

Engineering Design - Structural Engineers

## NOVEMBER SCHEDULE OF EXAMINATIONS

I. SATURDAY, NOVEMBER 3, 1973

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA- Report to Rooms 202 and 206, Geology Building in the College of Mines 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 E.I.T. and G.I.T. 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 E.I.T. and G.I.T. applicants held for Subsection II of the in-training exam.

All assaying applicants held for Part II, Assaying Examination.

II. SUNDAY, NOVEMBER 4, 1973

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA- Report to Rooms 301 and 303 of the Civil Engineering Building at 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 Principles.

I. MONDAY, NOVEMBER 5, 1973

TEMPE, ARIZONA (only) - Report to Room G-133, Engineering Center, ARIZONA STATE UNIV.

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

Part V - Comprehensive Engineering Design - Structural Engineers

1:00 P.M. to 5:00 P.M.

Part VI - Structural Engineering Design - Structural Engineers

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Copeland, Gerald Rice	8961
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Ewing, Lewis J., Jr.	8965
Fischer, Paul Joseph	8966
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Garner, Gordon Reed	8968
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Burns, Loren Irwin	9010
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Doyle, James Patrick	9012
Frank, Raymond George	9013
Haskell, John W.	9014
Kanervo, Henry Ilmari	9015
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Levett, James E.	9017
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Lagergren, Charles F.	9053
Morris, Thomas Martin	9054
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Burton, Robert S.	9056
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Allen, George Lewis, Jr.	9058
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Culp, Robert Lee	9063
Davis, Harold Aven	9064
Ferguson, Richard F.	9065
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Brase, Sidney H.	9076
Call, John Robinson	9077
Costa, Joseph Eli	9078
Hayes, Joe Lynn	9079
Kauss, Myron Rinehart	9080
Lupinek, Robert Chester, Jr.	9081
Marsh, Floyd Victor	9082
Nau, William Edward	9083
Noice, Gilbert Vincent	9084
Race, Joseph	9085
Ray, Gordon Walcott	9086
Shearrow, Henry Alva	9087
Stebbins, John Frederick	9088
Ward, Jimmie Dale	9089
Williams, Jerry Carl	9090

It was moved by Mr. Girand and seconded by Dr. Newlin that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Alber, Jerry W.	1182
Anderson, Donald N., Jr.	1183
Anderson, Fred S.	1184
Armstrong, Nelson B.	1185
Banas, Edward G., Jr.	1186
Bethell, Johnny L.	1187
Blake, David J.	1188
Bradham, Charles Frank	1189
Byrne, Paul M.	1190
Cale, Charles E.	1191
Carlson, Timothy James	1192

ENGINEER-IN-TRAINING - Cont'd.

Darmiento, Frank T.	1193
Fincel, John McMillen	1194
Freiday, William B.	1195
Guenzi, Kenneth Ray	1196
Hagerman, Richard E.	1197
Hall, Jack Wilson	1198
Hauskins, John B., Jr.	1199
Hernandez, Pedro A.	1200
Holobaugh, Dwight L.	1201
Jackson, Ronald J.	1202
Jason, Joseph E.	1203

Continued.....

<u>ENGINEER-IN-TRAINING - Cont'd.</u>	
Karner, Donald B.	1204
Kay, George Bruce	1205
Key, Adrian H.	1206
Konstantinidis, Viron	1207
Korth, Bruce Y.	1208
McClellan, Paul Eugene	1209
Mattison, Jeffrey R.	1210
Metheny, Gary Robert	1211
Mitchell, Leonard Joseph	1212
Morris, Richard John	1213
Munson, John D.	1214

<u>GEOLOGIST-IN-TRAINING</u>	
Lund, William Russell	14

<u>ENGINEER-IN-TRAINING - Cont'd.</u>	
Penfield, Donald William, Jr.	1215
Phalen, William J.	1216
Redmond, Michael Winton	1217
Ruggiero, Ralph	1218
Standage, Howard R.	1219
Tarkington, Dale R.	1220
Thomas, Martin Grenfel	1221
Turner, Charles Phillip	1222
Williams, Gary H.	1223
Youngs, Joseph Kermit	1224

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the following applicants are to be denied for failure to appear for the written examinations as required by the Board within a reasonable length of time. Motion carried.

Cowgill, Robert Miles	72-107	Electrical Engineer
Cox, John Timothy	71-42	Engineer-in-Training
Crafts, Robert Glen, Sr.	72-74	Civil Engineer
Fierros, Ramon	71-487	Electrical Engineer
Harmon, Barney L.	72-66	Engineer-in-Training
Hassett, Thomas F.	72-23	Engineer-in-Training
Henry, Frank Edward	72-98	Electrical Engineer
Holsclaw, Richard H.	72-142	Engineer-in-Training
Jacobsen, Robert Fred	72-16	Structural Engineer
Maas, N. Bradley	70-302	Land Surveyor
Neff, Barbara Estella	72-34	Engineer-in-Training
Pajaczkowski, Milada	72-64	Engineer-in-Training
Peles, Amit	72-308	Industrial Engineer
Puzzi, Herman Victor	72-297	Mechanical Engineer
Rothery, Douglas E.	72-12	Engineer-in-Training
Smith, Delbert Dale	70-328	Civil Engineer
Tankersley, Earl Lynn	71-46	Civil Engineer
Thompson, Robert G.	70-332	Civil Engineer
Warrior, Vijayan	71-443	Civil Engineer
Watts, Frank James, Jr.	72-65	Engineer-in-Training
Yeager, Larry R.	72-44	Engineer-in-Training

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

Finch, Richard	72-562	Civil Engineer
Nelson, Donald C.	72-374	Highway Engineer
Smith, Walter Wayne	72-644	Architect
Tarajano, Jose' Ricardo	72-365	Mechanical Engineer
Zigas, Arthur L.	72-636	Mechanical Engineer

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Knickerbocker reported on his attendance at the Western Zone meeting of the National Council of Engineering Examiners in Scottsdale on May 7, and 8, 1973, and at this meeting, it was decided that a resolution will be made at the annual National meeting in August that a separate EIT examination be written for electrical engineers as it was the opinion the electrical curricula did not cover all of the fundamentals consisted in the EIT examination. Mr. Knickerbocker stated that he is not in agreement with that opinion.

Mr. Knickerbocker reported on the updating of the National certification record and moved that a copy of this record be referred to the Engineering Evaluation Committee to see if there is some possibility that we could accept this as a basic part of the application instead of requiring the applicant to complete the Arizona form. Seconded by Mr. Girand. Motion carried.

REPORT OF THE BUDGET COMMITTEE

Suggested tentative budget request for 1974-75 which is to be filed by September 1, 1973, with the Commissioner of Finance, was presented as shown on Minute Page 3226. The Executive Director reported that funds may be available for purchase of an electronic calculator which the Board approved.

REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #4, as shown on Minute Page 3227, was presented for the Board's information.

READING OF COMMUNICATIONS

Letters from Jeff D. Hardin, dated April 12 and May 21, 1973, regarding golf course design, as shown on Minute Pages 3228 and 3229, were presented. The Executive Director read the reply to Mr. Hardin subsequent to the March Board meeting. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the resolution passed by this Board at the March meeting be reaffirmed. Motion carried.

Letter from James L. Merry, President, Southern Arizona Chapter, AIA, as shown on Minute Pages 3230 and 3231, was presented. It was moved by Dr. Newlin and seconded by Mr. Girand that the Chairman direct the Executive Director that we acknowledge receipt of the letter. Motion carried with four ayes and three nays.

Letter from Ted H. Eyde, regarding the geology examinations, as shown on Minute Pages 3232, 3233 and 3234, was presented. It was moved by Dr. Newlin and seconded by Mr. Girand that this letter be referred to the Engineering Examination Committee with instructions that they draft a reply within 30 days. Motion carried with Mr. Vanlandingham abstaining.

The Executive Director reported that he received a telephone request from Mr. Jiminez of the City of Phoenix asking help for obtaining examination material for land surveyors. It was the consensus of the Board that he be advised there are experts to prepare these examinations and to contact Mr. Philip Borgo; also, that this Board does utilize the faculties of the two universities and the National Council.

03226

Jeff D. Hardin, Inc. *an Engineering Management Co.*

11033 NORTH 23rd AVENUE • PHOENIX, ARIZONA 85029 • (602) 997-2571

April 12, 1973

RECEIVED

APR 18 1973

Mr. Edward G. Drewry  
Executive Director  
State Board of Technical Registration STATE BOARD TECHNICAL REGISTRATION  
3550 North Central Avenue  
Phoenix, Arizona 85012

Dear Mr. Drewry:

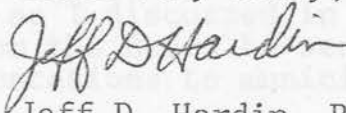
We have received a letter from your office March 21 and March 26 in response to my letter regarding golf course design by civil engineers.

I specifically asked for clarification that civil engineers were qualified to design golf courses for municipal agencies. Your letter did not state this, but mentioned landscape architects in both cases.

Your letter is not what I had asked for, nor is it the type of letter I can use when discussing golf course work with municipal agencies.

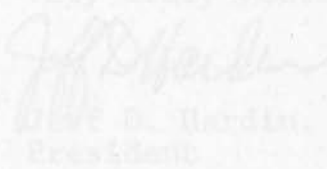
It would be appreciated if you would send another letter mentioning civil engineering as I had requested.

Yours very truly,



Jeff D. Hardin, P.E.  
President

JDH/df



03227

Jeff W. Hardin, Inc. *an Engineering Management Co.*

8808 N. CENTRAL AVE., SUITE #218 • PHOENIX, ARIZONA 85020 • (602) 997-2571, (602) 994-9515

May 21, 1973

SOUTHERN ARIZONA CHAPTER  
THE AMERICAN INSTITUTE OF ARCHITECTS  
4540 E. Second St.  
Phoenix, Arizona 85012

RECEIVED

MAY 23 1973

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward G. Drewry  
Executive Director  
State Board of Technical Registration  
3550 North Central Avenue  
Phoenix, Arizona 85012

Dear Mr. Drewry:

I received your letter regarding my letter of April 12, 1973 on golf course design. You mentioned that this would be presented to the Board at the June 11, 1973 meeting.

Since receipt of your letter I have been in contact with a municipality regarding golf course engineering design and construction supervision work. I gave the City a copy of the letter the Board had sent previously and a letter from my firm discussing our capabilities in engineering golf course design. The City was in contact with a "landscape architect" who said that only landscape architects were qualified to do municipal golf course design. It is apparent that the copy of the letter from the Board was not satisfactory for presentation in my behalf as far as golf course engineering design.

It would be appreciated if, as I discussed in my April 12 letter, a revised letter from the Board be sent so that we can use this in our presentations to municipal agencies.

Thank you for your time and consideration.

Very truly yours,



Jeff D. Hardin, P.E.  
President

JDH/df

Enclosure



03228

SOUTHERN ARIZONA CHAPTER  
THE AMERICAN INSTITUTE OF ARCHITECTS

4646 E. Second St.  
Tucson, Arizona 85711

June 1, 1973

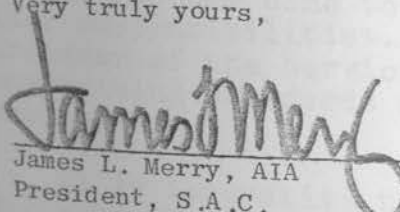
Mr. Ralph Wyatt, Chairman  
State Board of Technical Registration  
3550 N. Central Suite 923  
Phoenix, Arizona 85012

Dear Ralph,

Over the past months, our Chapter has become aware of the increasing popularity in attempting to obtain architectural services from students in our Colleges of Architecture. Such requests have come from many sectors; citizens in smaller communities to large corporations based in California. It is a fair statement that our Chapter concern with this practice is not principally with restricting a possible element of competition, but rather with the concern that such services would probably not meet minimums professional and legal standards, and the person performing these services might unknowingly endanger his or her opportunity for eventual registration.

Accordingly, our Professional Practice Committee, in cooperation with the U. of A. College of Architecture developed a position statement. The S.A.C. Board of Directors unanimously endorsed this statement on May 24, and directed me to send you a copy for your review. Provided you agree with the letter and intent of the statement, we would appreciate a brief acknowledgment from you, prior to our publication of the statement.

Very truly yours,

  
James L. Merry, AIA  
President, S.A.C.

JLM:jr



SOUTHERN ARIZONA CHAPTER  
THE AMERICAN INSTITUTE OF ARCHITECTS

Non-registrants are occasionally requested to perform minor services of an architectural character. The Southern Arizona Chapter of the American Institute of Architects, the College of Architecture of the University of Arizona, and the University of Arizona Student Chapter of the A.S.C./A.I.A. submit the following statement of their position with regard to such requests:

1. The Code of the Arizona State Board of Technical Registration (Art. I, 32-101, B.#.) defines architectural practice as "any service or creative work requiring architectural education, training, and experience."

2. The Code further states (Art. 3, 43-145) that any non-registrant performing architectural services is guilty of a misdemeanor.

3. Art. 3, 32-144, #4 of the Code, excludes "a non-registrant who designs a building or structure, the cost of which does not exceed \$50,000., or who designs alterations to any one single story building, dwelling or additions or alterations thereto." (The City of Tucson requires the seal of a licensed architect on any commercial project over \$3,000.).

A non-registrant who is tempted to provide service of the type permitted by the Code should carefully evaluate the scope of the project to determine whether it is entirely within the limits of state law. The non-registrant should also evaluate his technical ability to undertake and successfully complete the service and verify that he has the time to execute the work without compromising his other responsibilities. Finally, he must determine whether the purchaser of the services is taking advantage of the situation by compromising standards of professional compensation or professional service.

It is imperative that any non-registrant inform the prospective purchaser of such services that he is not an architect, and that he is not representing the profession of architecture. Any non-registrant should realize that by undertaking any project that exceeds legal limits or ethical propriety he may be jeopardizing his professional future.

03230

# THE SUPERIOR OIL COMPANY

MINERALS DIVISION  
6520 EAST 22ND STREET  
P. O. BOX 12487  
TUCSON, ARIZONA 85711

TELEX 66-6414

TELEPHONE (602) 296-5433

May 3, 1973

RECEIVED

MAY 4 - 1973

STATE BOARD TECHNICAL REGISTRATION

Mr. Ralph L. Wyatt, Chairman  
State of Arizona  
State Board of Technical Registration  
3550 N. Central Avenue - Suite 923  
Phoenix, Arizona 85012

Dear Mr. Wyatt:

I have talked with two of the professional geologists who successfully passed their tests in December. I learned from them that there were five applicants who took the test; three of whom did not pass. Included in this group, if my information is correct, was a geologist who I do not know personally but I do know professionally. He has a degree in geology and was in effective charge of an office employing 20 technical and non-technical personnel. I am quite frankly, surprised to find that he did not pass the examination.

I obtained a list of the questions from one of the successful applicants as well as he can remember them and I compared them with the list of the questions I was required to answer when I took the examination in 1969. What concerns me is that questions in both examinations were poor and in no way measure the proficiency of the applicant in his profession. The questions were vague and somewhat ambiguous and many of them covered such general subject matter as would have required a textbook of writing to answer them completely.

The authors of the examination failed to recognize that geology, as engineering, is a highly specialized discipline. It is no more possible to write a general geological examination than it is to write a general engineering examination. If such an examination were written it is possible that the mechanical engineers would be unable to answer the specialized questions designed for electrical engineers or civil engineers or vice versa. The geology test resembles an examination designed to weed out candidates applying for entrance into graduate school.



Mr. Wyatt  
Page 2  
May 3, 1973

Under the present make up of the board, there is not and probably will not be a geologist represented on it. Thus, we have a situation wherein architects, civil engineers, electrical engineers, or landscape architects are attempting to judge the qualifications of geologists. This simply does not make sense and I am certain that you, as an architect, do not feel that I would be competent to judge your qualifications. The present arrangement is inequitable to say the least.

I know two geologists who were registered in the past 2 years that were not held for the examination. One of them registered under the grandfather clause in the State of California and then applied for registration in the State of Arizona. He was registered without examination based on reciprocity with the State of California. The other accomplished registration by virtue of being registered in a Canadian Province.

All of the registered geologists in the state know of many geologists who are holding themselves out for geological employment as consultants who are not registered. Most of them are afraid to take the examination for fear of failure. This is a real possibility because the test simply is no measure of the competence of the applicant.

I am distressed by the present situation in which one geologist attempts to follow the intent of the law, become registered and then do consulting work. He fails the examination and is, of course, unable to work. Another geologist disregards the law, does not apply for registration and consults illegally. Believe me, this is a common situation.

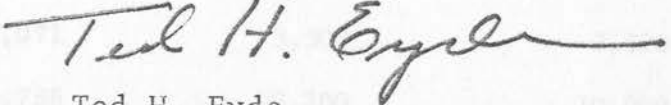
The State Board of Technical Registration is failing their mandate on two scores. First, the system of registration in the State of Arizona is inequitable. It does not measure the professional competence of the people it hopes to certify as professional geologists. Second, the State Board of Technical Registration is not stopping geologists from consulting who are not registered and, therefore, are in violation of the statutes. How long would a doctor, lawyer, real estate agent, or barber be allowed to practice his profession with a license. You and I both know the answer, not long.

I am aware that the State Board of Technical Registration requires information in writing from other geologists about those who are practicing without being registered. However, most registered geologists are reluctant to bring the violators to the attention of the State Board of Technical Registration because they fear the procedure followed by the State Board of Technical Registration in notifying the violators is not confidential and would, because of the small closed community of geologists in the state, subject them to considerable criticism from their professional associates.

Mr. Wyatt  
Page 3  
May 3, 1973

These problems must be corrected. To start with, I would like to know who is preparing and grading the examinations for registered professional geologists. Finally, what is the procedure that must be followed to alert the Board to geologists who are consulting without being registered, and how confidential it is? I would appreciate your comments.

Very truly yours,



Ted H. Eyde  
Registered Professional  
Geologist Arizona 7483

THE:vb

Tentative Budget Request for 1974-1975

	<u>Estimated 1972-73</u>	<u>Appropriated 1973-74</u>	<u>Tentative Request 1974-75</u>
Personal Services & Related Costs	44,891	47,400	49,800
Travel	4,350	7,800	7,800
Computer	2,282	2,500	3,000
Exams	14,575	13,900	17,000
Investigations	1,071	3,500	3,500
Occupancy	7,736	9,200	10,000
Annual Report	6,029	7,500	9,000
Communication	5,368	8,200	9,000
Office Supplies	4,596	4,500	6,000
Xerox	800	1,000	1,200
Dues & Subscriptions	1,602	1,800	2,500
Revolving Fund	100	100	100
Equipment		700	1,000
<b>TOTAL</b>	<b>93,400</b>	<b>108,000</b>	<b>119,900</b>
1972-1973 Appropriation \$96,496			

## CASH FLOW REPORT #4

DATE: June 1, 1973

Balance on Deposit as of July 1, 1972 - \$99,279.41  
 Balance on Deposit as of Report Date - \$211,440.05  
 Total Allocated Receipts to Technical Fund as of Report Date - \$112,160.64  
 Technical Fund Balance as of Report Date - \$130,994.84

## LUMP SUM APPROPRIATED

\$96,496.00

Code	Expenditures	Amount	Estimate for June
7112.0	Salaries	\$37,012.14	\$ 3,364.74
7151.0	Industrial Insurance	53.70	17.90
7153.0	FICA	1,573.52	196.86
7155.0	State Retirement	1,850.64	168.24
7156.0	Emp. Contr. Employees Ins.	402.36	114.96
7159.0	Personnel Commission	135.00	---
7216.0	Data Processing	2,082.28	200.00
7219.0	Professional Services	8,775.72	6,800.00
7220.0	Travel - State	1,515.09	750.00
7230.0	Travel - Out of State	1,185.02	900.00
7251.0	Rent - Office	7,620.96	---
7259.0	Rent - Auditorium	10.00	---
7272.0	Maintenance & Repairs	104.77	---
7280.0	Office Supplies	4,395.65	200.00
7331.0	Photographs & Annual Report	29.62	6,140.68
7333.0	Report & Recording	142.00	---
7334.0	Postage & Meter	2,949.68	630.00
7335.0	Telephone	1,213.04	250.00
7337.0	Express	41.11	---
7342.0	Rent - Xerox	668.24	125.00
7360.0	Dues & Subscriptions	1,145.60	456.00
7913.0	Revolving Fund	100.00	---
7921.0	Refunds	81.00	---
	Amount Spent to Date	\$73,087.14	\$20,314.38
	Balance of Appropriated Monies	\$23,408.86	\$ 3,094.48

UNFINISHED BUSINESS

At the March 16, 1973, Board meeting, as result of discussion on letter from Lacy Greer regarding Duane Walker, who is the Navajo County Engineer, the Executive Director was to request an opinion from the Attorney General whether the Arizona law requires that a County Engineer be a registered Engineer, and this opinion from the Attorney General's office was presented as shown on Minute Pages 3236 and 3237. After discussion of the opinion, Mr. Fred Stork, Assistant Attorney General, stated there would be a supplement to the opinion forthcoming and that a County Engineer must be a registered Engineer.

The Executive Director reported he had a set of plans, stamped by Donald B. Graser, submitted by a complainant in San Diego who stated he is not willing to become involved further.

It was moved by Dr. Newlin and seconded by Mr. Girand that we hire an investigator to determine the facts in this case. Motion carried.

Subsequent to the March Board meeting, regarding the Student Activities Building, Paradise Valley School District, a meeting was held on March 23, 1973, with the following persons present:

Ray Shipley, Superintendent, Paradise Valley School District  
 Mr. Hanna, Asst. to Mr. Shipley  
 James Westhoff, Board Member of the District  
 Board Members: John Girand, M. L. Vanlandingham and Ralph Wyatt

It was agreed that the specifications for the design and construction of the building were poorly written. The representatives of the school district were informed of the requirements of the law and the desirability of selecting qualified design professionals in the initial stage of a project.

After the report of this meeting, it was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Executive Director be directed to make further inquiries as to what has transpired since the meeting with the representatives of Paradise Valley School District. Motion carried.

NEW BUSINESS

As a result of the audit of the Board for the period July 1, 1972, through December 31, 1972, in addition to four administrative details, the auditors reported that no policy has been established by the Board for the executive director's vacation or sick time accruals. Under Proposed Solution, the auditor stated "Should have this so that he will know what time he has available and so that the privilege is not abused."

After discussion of this report, it was moved by Mr. Knickerbocker and seconded by Mr. Girand that the annual and sick leave for the Executive Director be referred to an ad-hoc committee. Motion carried. The Chairman appointed Mr. Knickerbocker, Mr. Girand and Mr. Vanlandingham to this committee.

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

GARY K. NELSON  
THE ATTORNEY GENERAL  
FRANK SAGARINO  
CHIEF ASSISTANT ATTORNEY GENERAL

April 11, 1973

RECEIVED  
APR 12 1973

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward G. Drewry  
Executive Director  
State Board of Technical Registration  
3550 North Central, Suite 923  
Phoenix, Arizona 85012

Dear Mr. Drewry:

This is in reply to your letter of March 21, 1973, asking whether a county engineer must be a registered engineer.

A.R.S. § 11-561, last amended in 1972, states merely that the county engineer must be a "competent civil engineer and road builder", thus leaving it unclear as to whether the county engineer, as such, must be registered. However, if the county engineer carries out some of his duties personally, he will be required to be registered under A.R.S. § 32-142, concerning public works.

A.R.S. § 11-562 gives the duties of the county engineer. The duties in subsection A, requiring him to be the custodian of the records and property of the county relating to surveying, engineering and road construction, would not be an activity requiring registration as an engineer.

Subsection B of A.R.S. § 11-562 requires that the county engineer, except where highways are being constructed under the direction of a highway commission, shall, under the direction of the Board of Supervisors, have charge of all highways, other engineering construction and improvements, alterations and repairs to county property. This would not necessarily constitute an activity requiring registration unless the county engineer himself undertakes "direct supervision" of the construction of such public works under A.R.S. § 32-142, which requires that the construction of public works be under the direct supervision of a qualified registrant within the category involved.

A.R.S. § 11-562 B goes on to require that the county engineer "shall make surveys, maps, plans and specifications required" by the Board of Supervisors. If the county engineer undertakes to do this himself, he must be a registered engineer. A.R.S. § 32-142 requires that all drawings, plans, specifications and estimates for public works of the state or a

Mr. Edward G. Drewry  
April 11, 1973  
Page Two

political subdivision thereof be prepared by or under the personal direction of a qualified registrant within the category involved.

We hope this will be helpful to you. If we can be of any further assistance, please let us know.

Sincerely,

GARY K. NELSON  
The Attorney General



STIRLEY NEWELL CANTOR  
Assistant Attorney General

SNC:lh

NEW BUSINESS - Cont'd.

Authorization was requested for attendance at the following National meetings:

National Council of Architectural Registration Boards meeting  
June 27-30, 1973, in Atlanta, Georgia.

Council of Landscape Architectural Registration Boards meeting  
on July 12, 1973, in Mackinac Island, Michigan.

National Council of Engineering Examiners meeting on August 12-  
16, 1973, in New Orleans, Louisiana.

It was moved by Mr. Dryden and seconded by Mr. Vanlandingham that any member who wishes to attend these meetings is authorized to do so. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Girand that the following dates be scheduled for the next committee meetings and Board meeting:

Architect and Landscape Architect Committee - August 20 & 21, 1973

Engineering Committee - August 22, 23 and 24, 1973 (tentative)

Board meeting - September 14, 1973 in Phoenix

As outlined in the By-Laws, Section I, (4), election of officers are held at the June meeting of the Board, and the following officers were elected:

It was moved by Mr. Dryden and seconded by Mr. Girand that Mr. Knickerbocker be elected Chairman. Motion carried.

It was moved by Mr. Bowlsby and seconded by Dr. Newlin that Mr. Vanlandingham be elected Vice-Chairman. Motion carried.

It was moved by Mr. Knickerbocker and seconded by Mr. Bowlsby that Mr. Wallace be elected Secretary. Motion carried.

Mr. Knickerbocker as Chairman for the ensuing year announced the Committee Appointments for 1973-1974, as shown on Minute 3239.

It was moved by Mr. Dryden and seconded by Dr. Newlin that Mr. Wyatt be commended for the excellent job he has done as Chairman. Motion carried unanimously.

Mr. Wyatt stated his tenure had been a pleasure in serving this Board the past year and he must agree with Mr. Girand that our combined Board does a much better job than the some 30 or 35 boards which are not combined.

The Board then asked the guest, Mr. Sayler, if he had any comments to make, and to which he replied, that his attendance at this meeting was to relay that the Central Arizona Chapter of AIA would like to assist this Board in any manner they may be needed. The Board acknowledged and thanked him for this comment.



## ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

## COMMITTEE APPOINTMENTS

1973-1974

Executive Committee:

Entire Board

Rules &amp; By-Laws Committee:

Robert G. Wallace, Chairman  
C. W. Dryden  
John Girand  
Lew Place

Legislative Committee:

C. W. Dryden, Chairman  
John Girand  
M. L. Vanlandingham

Public Information Committee:

Entire Board

Budget Committee:

Ralph L. Wyatt, Chairman  
Robert Bowsby  
Charles W. Newlin

Evaluation and Examination Committees:

Architects:

Ralph L. Wyatt, Chairman  
Lew Place  
M. L. Vanlandingham  
Charles W. Newlin

Engineers:

Charles W. Newlin, Chairman  
C. W. Dryden  
John Girand  
James L. Knickerbocker  
Robert G. Wallace

Landscape Architects:

Robert M. Bowsby, Chairman  
Lew Place  
M. L. Vanlandingham  
Robert G. Wallace  
Ralph L. Wyatt

MINUTES OF THE STATE BOARD OF TECHNICAL EDUCATION

ADJOURNMENT

The Chairman adjourned the meeting at 12:30 P.M.

*Kelph Hall*  
\_\_\_\_\_  
CHAIRMAN

*Robert M. Baulsky*  
\_\_\_\_\_  
SECRETARY

Meeting called by Mr. James L. McLaughland, 1043 W. Jefferson, Suite 115, Tulsa, Oklahoma, July 26, 1971.

Robert M. Baulsky  
C. W. Bryden  
Law Firm

Meeting called that a quorum was present to conduct the business of the Board on the agenda for this meeting.

At the meeting was called, the Chairman stated, to discuss the resignation of Ernest A. Brown, Jr., Architect, File No. 73-310.

Ernest A. Brown is an employee of Marriott Corporation supervising the food service at the Shreveport International Airport. He is having ready registration basically for this reason, and his resignation was a special meeting. Mr. Bryden explained his resignation to this office through the National Council of Architectural and Engineering Records and some all of the requirements for registration were met by Mr. Bryden and executed by Mr. VanLandingham that Mr. Brown be granted registration in Architecture and assigned the license number 9091. Motion carried.

Received on a letter received from James Lohin, Chairman of the Local Executive Committee of the Central Arkansas Chapter, to plan submitted under the title block of John W. McLaughland and sealed by James L. McLaughland, Civil Engineer, No. 7045, as shown on Minutes Page 2242. The Executive Committee was advised by Mr. McLaughland after receipt of this letter that he was unable to secure them from the gentleman who had them and on receipt of the letter, then the Executive Director went to the Executive Director's office, Mr. Baker stated that some of the staff had placed all the drawings with the word, "structural", under his name even the electrical drawings. The Executive Director stated that he would not release these drawings and he stated they would be released until sixty days after completion of the project and another month or so.

It is stated, based on the above, there is a possibility of releasing and starting the contractor.

## MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

JULY 24, 1973

A special meeting of the Board was called by Mr. James L. Knickerbocker, Chairman, in the office of the Board, 1645 W. Jefferson, Suite 315, Phoenix, Arizona, beginning at 2:15 P.M., on July 24, 1973.

PRESENT

James L. Knickerbocker, Chairman  
M. L. Vanlandingham, Vice-Chairman  
Robert G. Wallace, Secretary  
John Girand  
C. W. Newlin  
Ralph L. Wyatt

ABSENT

Robert M. Bowlsby  
C. W. Dryden  
Lew Place

The Chairman noted that a quorum was present to conduct the business of the items on the agenda for this meeting.

Basically, the meeting was called, the Chairman stated, to discuss the application of Lynwood E. Brown, Jr., Architect, File No. 73-310.

Mr. Wyatt reported that Mr. Brown is an employee of Marriott Corporation who is furnishing the food service at the Phoenix International Airport and the applicant needs registration basically for this reason, and his employer requested we have a special meeting. Mr. Wyatt explained his application came to this office through the National Council of Architectural Registration Boards and meets all of the requirements for registration. It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that Mr. Lynwood E. Brown, Jr., be granted registration in Architecture and assigned the registration number 9091. Motion carried.

Discussion followed on a letter received from James Lakin, Chairman of the Professional Practice Committee of the Central Arizona Chapter, AIA, in regard to plans submitted under the title block of John W. Martin, General Contractor, and sealed by James I. McCausland, Civil Engineer, No. 7646, as shown on Minute Page 3242. The Executive Director reported he called Mr. McCausland after receipt of this letter for the particulars and was advised by Mr. McCausland he did not have the drawings in his office and would be unable to secure them from the City of Glendale as the gentleman who had them was on vacation until the end of the month. When the Executive Director went to the Glendale building inspections office, Mr. Baker stated that none of the staff was on vacation. In looking over the plans, Mr. McCausland had placed his seal on all the drawings with the word, "structural", under his seal including even the electrical drawings. The Executive Director requested Mr. Baker not to release these drawings and he stated they could not be released until sixty days after completion of the project which still had another month to go.

The Chairman stated, based on the above, there is a possibility of Mr. McCausland aiding and abetting the contractor.

C O P Y

July 9, 1973

Edward G. Drewry, Exec. Director  
 Arizona State Board of Technical Registration  
 3550 North Central Avenue, Suite 923  
 Phoenix, Arizona 85012

Dear Mr. Drewry:

It has been brought to my attention by an AIA Member that there is a building under construction in Glendale, Arizona known as the Glendale Office Plaza, at 5440 West Glendale, being built by John W. Martin, General Contractor. The building is approximately 10,000 S.F. According to the complaint, an inquiry was made of the General Contractor on having a similar building constructed and was informed the plans would be furnished for free. I called the Building Department, City of Glendale and was informed that the plans submitted for the building permit was under the title block of John W. Martin, General Contractor and were stamped by James I. McCausland, Civil Engineer No. 7646.

I am questioning if this situation is in violation of Section 32-145-1 "offers to practice" and Section 32-143 "Engineer engaging in practice of Architect".

Yours very truly,

/s/ James M. Lakin

James M. Lakin AIA, Chairman  
 PROFESSIONAL PRACTICE COMMITTEE  
 Central Arizona Chapter, AIA

JML/b  
 Encl.

cc: Gerald Clark, President AIA  
 Craig Walling, Director AIA  
 Robin Parke, President Structural Engineers Assoc. of Arizona  
 File

It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that we hire an investigator to investigate this matter. Motion carried.

The following report on Fredonia High School District No. 30 regarding a project to build administration offices and a gymnasium was distributed to the Board members by the Executive Director:

Craig Walling phoned July 16 to report that plans for this project were available for inspection at Plan Service, Phoenix.

He phoned again July 17 to ask if I had seen or photographed the plans. I told him that I had not. He stated that Mr. Kemper Goodwin thought it would be good to have such photographs. I asked him if he planned to take such photographs and he said he would try to do that, and mentioned that Plan Service would have to return the plans within a day or two.

I visited Plan Service July 18 and found a set of typed specifications and seven prints of drawings, identified only by School District title block, without initials or seal. The administration office building is 32' x 70' and the gymnasium is 110' x 148'. 20 ga. galvanized steel wall panels and 20 ga. steel roof deck are to be used. Specifications state "The contractor shall furnish complete calculations and structural drawings to the School District, signed by a licensed Arizona Professional Engineer."

The specifications also state "The building manufacturer shall furnish complete erection drawings showing anchor bolt settings, sidewall, endwall, and roof framing, transverse cross sections, covering and flashing details, and accessory installation details to clearly indicate the proper assembly of all building parts. On request the manufacturer shall also furnish a certificate, signed by a Registered Professional Engineer, that the building design meets the requirements of the specifications and is in accordance with accepted engineering practice."

I phoned Bill Howells, Coconino City Engineer, who informed me that the school superintendent is Dr. Bill McLaughlin of Fredonia. The bid was called by the Coconino Board of Supervisors.

Chairman Knickerbocker stated it appears from this report that credibility of the Board might be improved if there is some kind of specific action we can take in this regard. Suggested that we advise the Board of Supervisors that it requires an architect to prepare working drawings for this construction and it would be in violation of the law under 32-142 and of the misdemeanor penalty under 32-145.

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that the Executive Director be directed to write a letter to the Chairman and members of the school board of the Fredonia School District calling their attention to the fact that plans have to be prepared under the direction of a qualified registrant within the category involved, as outlined in A.R.S. 32-142, and secondly, we include in the letter a

copy of the letter dated April 30, 1969, which the Board circulated to all officials reminding them that all officials and elected members are required to uphold the laws of the State.

It was moved by Mr. Wyatt and seconded by Dr. Newlin that the above motion be amended to include that the school board shall be required to retain an architect registered in Arizona and other appropriate qualified Arizona registrants as required by the complexity of the project. The amendment carried with three ayes and two nays.

The motion, as amended, carried.

There being no further business the Chairman adjourned the meeting at 3:30 P.M.

James L. Kuehlerbocker  
CHAIRMAN

Shel Dabell  
SECRETARY

REPORT OF THE EXECUTIVE COMMITTEE

REPORT OF THE RULES & BY-LAWS COMMITTEE

REPORT OF THE LEGISLATIVE COMMITTEE

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation and Examination Committee meeting report of August 1 and 20, 1973, was presented by Chairman Wyatt, as shown on Minutes pages 323 through 325.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the above report of the Architectural Evaluation and Examination Committee meeting be accepted and recommended by the Board. Motion carried.

The Minutes of the Architectural Examination in December, 1973, were presented as shown on Minutes pages 325 and 326.

It was moved by Mr. VanLandingham and seconded by Mr. Dryden that the above report be approved as presented with the decision to be recorded on the minutes December 10 and 11, 1973. Motion carried.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

03245

September 14, 1973

The meeting of the State Board of Technical Registration was called to order by Mr. James L. Knickerbocker, Chairman, in the office of the Board, 1645 W. Jefferson, Suite 315, Phoenix, Arizona, at 9:10 A.M.

Present

James L. Knickerbocker, Chairman  
M. L. Vanlandingham, Vice-Chairman  
Robert G. Wallace, Secretary  
Robert M. Bowsby  
C. W. Dryden  
John Girand  
C. W. Newlin  
Ralph L. Wyatt

Absent

Low Place

It was moved by Mr. Girand and seconded by Mr. Wallace that the minutes of the meeting of the Board on June 11, 1973, be approved as presented. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Wallace that the minutes of the special meeting of the Board on July 24, 1973, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

No meetings and no report.

REPORT OF THE LEGISLATIVE COMMITTEE

No meetings and no report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation and Examination Committee meeting report of August 6 and 20, 1973, was presented by Chairman Wyatt, as shown on Minute Pages 3246 through 3252.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the above report of the Architectural Evaluation and Examination Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedules of the Architectural Examinations in December, 1973, were presented as shown on Minute Pages 3253 and 3254.

It was moved by Mr. Vanlandingham and seconded by Mr. Dryden that the above schedules be approved as presented with the location to be amended on the dates of December 10 and 11, 1973. Motion carried.

DATE: August 31, 1973

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on August 20, 1973, in Phoenix, Arizona, with the following members present:

Lew Place  
 Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Broyhill, Kent Ira	73-128	Louie, William Wing	73-312
Chen, Paul K. Y.	73-418	Lundgren, Louis Ross	73-252
Chermak, Ray	73-421	Olsen, Donal Alan	72-593
Clapet, William Charles	73-316	Payne, John Morgan	73-465
Cleveland, Ronald Millard	73-257	Pederson, Howard C.	73-478
Comey, Ralph Howard, Jr.	73-305	Pence, Charles Edgar	73-481
Croonquist, Alfred H.	73-462	Pinegar, Wallace Lynn	73-313
Cushing, James Robert, Sr.	73-374	Pittam, Judson Wright	73-466
Day, George Edward, Jr.	73-376	Ponsor, Dale Wayne	73-317
Ebejer, Thomas M.	73-463	Quidort, Phillip Edward	73-265
Eckberg, James Howard	73-380	Ramsey, Harold Joseph	73-467
Gassman, Michael	73-315	Raney, Vincent Gerard	73-306
Geeting, Robert Scott	73-378	Rice, Kirke Woodard	73-432
Hardt, Donald Gene	73-443	Sanders, Julian M.	73-464
Hart, Robert L.	73-381	Shreve, Dale Delno	73-314
Jacobsen, Warren Gilbert	73-422	Smith, Gene Davidson	73-171
Johnson, Roger Louis	73-373	Tilden, Philip S.	73-377
Kerner, Louis	73-414	Vancil, Reynol B.	73-423
Knight, John C.	73-375	Wolfe, Sebastian Andrew	73-409
Kulwiecek, W. John	73-318	Wong, Frank J.	73-254
Lawler, John Leroy	73-479		
Loporcaro, Lawrence L.	73-449		

- 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:





ARCHITECTS  
(Under Old Rules)

No.	Name	Hist. & Theory C	Site Planning D	Arch. Design E	Bldg. Const. F	Struc. Design G	Prof. Admin. H	Bldg. Equip. I	Passed
72-186	Bassett, Richard S.	P	P	88	F	F	P	F	E
*72-553	Bigler, Robert C.	P	P	P	P	77	P	P	G
71-76	Campbell, Ian D.	P	P	P	P	F	P	P	
*65-34	Ceton, Raymond W.	P	P	76	P	P	P	P	E
71-392	Clemons, Loy Ray	P	P	P	P	P	P	F	
72-103	Coracides, Basilio	75	P	P	DNA	F	F	F	C
*72-59	Cotton, D. Page	P	P	80	P	P	P	P	E
*72-66	Cox, Stephan A.	P	P	P	P	P	80	P	H
72-165	Dastan, Iraj	P	F	P	P	P	P	P	
70-457	Davis, Billy Joe	P	P	P	P	F	P	75	I
72-270	Freitas, Michael D.	P	F	77	P	P	P	P	E
*72-285	Fritsche, David W.	P	P	83	P	P	P	P	E
70-89	Griffin, William F.	P	P	86	P	F	P	P	E
*71-369	Grygutis, James E.	P	87	P	P	P	P	P	D
*72-546	Hall, Raleigh G.	P	P	P	P	77	P	P	G
72-469	Honanie, Gilbert	75	75	P	F	F	P	F	C,D
72-470	Huber, Delane C.	P	79	P	77	F	P	P	D,F
69-150	Jaggers, Philip F.	P	P	F	P	P	P	P	
*72-509	Jones, Jeremy A.	Ex	81	P	Ex	Ex	Ex	Ex	D
*72-318	Keck, Augustus F.	P	P	90	P	P	P	P	E
*72-259	Keenan, Michael J.	78	P	P	P	P	P	P	C
71-220	Kellum, Charles E.	F	P	79	P	P	76	P	E,H
71-399	Kouts, Arthur C.	P	P	P	P	F	P	P	
*72-549	Kozan, Eric T.	P	P	78	P	P	P	P	E
*72-121	Leftwich, Billy J.	P	88	P	P	P	P	P	D
72-344	Liebi, Eric T.	P	P	P	F	F	P	P	
*72-478	McClung, Steven L.	P	90	P	P	P	P	P	D
72-427	McClure, Joseph E.	P	F	F	P	P	P	P	
*72-510	Marcus, John R. W.	P	85	75	P	P	P	P	D,E
72-213	Maroufkhani, Dariush	F	77	P	F	F	P	F	D
*71-89	Merritt, Bernard J.	Ex	Ex	Ex	79	76	P	P	F,G
70-338	Miller, Thomas P.J.	F	P	P	P	F	P	P	
71-397	Powers, Joseph M.	P	F	87	P	P	P	P	E

ARCHITECTS  
(Under Old Rules)

03249

No.	Name	Hist. & Theory		Site Planning	Arch. Design	Bldg. Const.	Design		Prof. Admin.	Bldg. Equip.	Passed
		C	D				G	H			
* 72-171	Roberson, Jerry R.	P	83	P	P	75	P	P			D,G
73-209	Scacco, Richard A.	Ex	Ex	F	Ex	Ex	Ex	Ex			
* 71-85	Steppe, Allan B.	P	P	85	P	80	P	P			E,G
67-81	Tachuk, Donald M.	F	P	P	P	P	P	P			
70-409	Warner, Fergus P.	P	P	F	P	F	P	P			
66-199	Wonsley, Ronald C.	75	P	P	P	F	P	P			C

ARCHITECTS  
(Under New Rules)

No.	Name	Arch. Theory		Design	Const. Theory and Practice		Passed
		I	II		III	III	
73-51	Bagg, Carter Davis	P		P		P	I,II,III
73-216	Bell, Robert Michael	P		P		F	I,II
71-414	Biddle, Warren R.	F		F		F	
73-211	Brock, Daniel W., III	P		P		P	I,II,III
73-163	Bruder, William P.	P		P		P	I,II,III
73-48	Chapman, James M.	P		P		P	I,II,III
73-49	Chapman, John Allen	P		P		P	I,II,III
73-117	Crowdus, Jon C.	P		F		P	I,III
73-84	Dixon, Charles W.	P		F		P	I,III
73-165	Eddy, Douglas Mann	F		F		P	III
73-162	Erickson, Bruce Tor	P		P		P	I,II,III
73-168	Essley, Ronald L.	P		P		P	I,II,III
72-558	Foell, Richard P.	P		F		P	I,III
72-135	Fraunhoffer, Herman J.	F		P		F	II
73-178	Fronske, Robert Dean	P		P		P	I,II,III
73-204	Haughey, Wilfrid H.	P		F		P	I,III
73-183	Hileman, Mark M.	F		P		F	II
73-187	Hite, Ralph M., III	P		P		P	I,II,III
73-175	Hofmann, Jack T.	F		P		P	II,III
73-77	Hubartt, William D.	P		P		P	I,II,III
73-31	Hubiak, John	P		P		F	I,II
73-179	James, Michael E.	P		P		F	I,II
73-186	James, Michael P.	P		P		F	I,II

ARCHITECTS  
 (Under New Rules)

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
73-181	Klien, Wolfgang J.	P	P	P	I, II, III
71-318	Kopecek, Josef R.	P	F	F	I
73-208	Kubicek, Robert W.	P	P	P	I, II, III
73-248	Luera, Frank S.	P	P	F	I, II
73-185	Lussier, Rick G.	P	P	P	I, II, III
73-54	McCarthy, Brian P.	P	F	P	I, III
73-157	Madole, Howard M.	F	P	F	II
73-172	Mah, Jerry K.	F	P	F	II
71-391	Moos, Stephen L.	F	P	F	II
73-156	Norstrom, Randall R.	P	P	P	I, II, III
73-118	Numkena, Dennis C.	P	P	F	I, II
73-212	Podolsky, William I.	P	F	F	I
73-182	Reece, Richard A., Jr.	P	P	P	I, II, III
73-207	Reynolds, Gary Don	P	P	F	I, II
73-253	Richardson, William H.	F	P	F	II
73-203	Saunders, Allen D.	P	P	P	I, II, III
73-166	Seaver, Douglas Lee	P	P	P	I, II, III
73-116	Shay, Howell L., III	P	P	P	I, II, III
73-167	Shelor, Michael E.	P	P	P	I, II, III
73-88	Simpson, Veldon	P	P	F	I, II
73-210	Sweet, Arthur G.	P	F	P	I, III
73-170	Tubbs, H. James	P	P	P	I, II, III
73-174	Tuinstra, Michael A.	P	F	P	I, III
73-86	Valenzuela, Rafael L.	F	F	F	
73-250	Van Voorhis, Standish, Jr.	P	P	P	I, II, III
73-169	Ward, James Owen	P	P	P	I, II, III
72-646	White, Bryon Gene	F	P	P	II, III
72-519	Wilcox, Roger Michael	F	P	P	II, III
73-158	Wright, Richard S.	P	F	P	I, III
73-249	Yantzer, Robert D.	P	P	P	I, II, III
73-161	Zinn, James A., Jr.	P	P	P	I, II, III

ARCHITECT-IN-TRAINING  
 (Under New Rules)

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
73-35	Arbon, Craig A.	P	P	F	I, II
* 73-37	Ball, Robert B.	P	P	P	I, II, III
73-5	Batchelder, James A.	P	P	F	I, II
73-29	Bender, Bert	F	F	F	
73-1	Berta, Domenic	P	F	F	I
73-30	Bigelow, William H.	P	F	F	I
* 72-24	Boyajian, William M.	P	P	P	I, II, III
* 72-16	Burton, Joe Allen	P	P	P	I, II, III
73-20	Call, Dennis A.	F	F	F	
73-13	Dong, Tilli	P	F	F	I
* 73-15	Emsley, Stephen S.	P	P	P	I, II, III
73-10	Fredstrom, Mark W.	P	P	F	I, II
73-36	Friar, Rodney G.	F	P	P	II, III
73-6	Gotsis, George	P	F	F	I
73-14	Guelian, John	P	P	F	I, II
73-4	Haake, Michael L.	P	F	F	I
* 73-26	Heiberg, Bruce K.	P	P	P	I, II, III
* 73-22	Jacob, Robert H.	P	P	P	I, II, III
73-27	Jordan, Carl W.	F	P	F	II
73-17	Larry, Donald E.	P	F	P	I, III
73-28	Larsen, Edwin M.	F	P	F	II
73-21	Lawson, Warren H.	DNA	P	F	II
73-9	Matthews, Gary D.	P	P	P	I, II, III
73-31	Munninger, Michael J.	P	P	F	I, II
73-16	Newberry, Nicholas J.	P	P	F	I, II
73-19	O'Leary, Claudia P.	P	P	F	I, II
72-18	Pasternack, Irwin G.	P	P	P	I, II, III
73-18	Quast, Michael H.	P	P	F	I, II
73-34	Reeves, Clark M.	F	F	F	
73-23	Rodriguez, Robert	P	F	P	I, III
73-32	Ryden, Don W.	P	P	F	I, II
72-17	Seats, Timothy Alan	P	F	F	I
73-11	Sinsheimer, James A.	P	P	P	I, II, III
72-19	Sussholz, Steven E.	P	P	F	I, II

ARCHITECT-IN-TRAINING  
(Under New Rules)

03252

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
*72-20	Turley, Wallace A.	P	P	P	I,II,III
*73-12	Vander Pol, John	P	P	P	I,II,III
*73-2	Webb, Joe Duane	P	P	P	I,II,III
*73-33	Werner, Paul M.	P	P	P	I,II,III
73-25	Wiseman, Chris	P	F	P	I,III
73-3	Wustrack, Richard J.	F	P	F	II
*73-24	Wyatt, Burke B.	P	P	P	I,II,III

Part II of the New  
Equivalency Exam by  
Registered A.I.T.

No.	Name	Design
		II
117	Allison, Kenneth S.	P
104	Barnes, Linda Lee	P
125	Bishop, Michael R.	P
126	Bowman, Brent Alan	P
127	Cusack, Dennis R.	P
109	Daileda, David A.	P
118	Floerchinger, Martin D.	P
119	Harris, Lynn Meyer	P
120	Harris, Michael Steven	P
112	Lloyd, John S.	P
128	McFarland, Richard A.	P
122	Marley, Carla Louise	P
123	Marley, Larry Gene	P
113	Metcalf, Lawrence E.	P
114	Micena, John A.	F
129	Morris, Steven D.	F
130	Mulligan, Dennis M.	F
115	Phillips, James B.	P
116	Smart, Richard V.	P
108	Vanderwerf, Robert	P
124	Wilson, Shelby	F

SCHEDULE OF EXAMINATIONS  
FOR  
ARCHITECTS  
(Under Old Rules)

03253

TWO LOCATIONS - Saturday, December 8 and Sunday, December 9 only

1. Tempe, Arizona

College of Architecture Building, South of University Drive on  
Forest Avenue, Rooms 234 and 240, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 8, 1973

8:00 A.M. to 1:00 P.M.

Examination G, Structural Design (Reference material is permitted)

1:30 P.M. to 6:30 P.M.

Examination D, Site Planning - "A Summer Performing Arts Center and Camp"  
(No reference material permitted)

Sunday, December 9, 1973

8:00 A.M. to 8:00 P.M.

Examination E, Architectural Design - "A Juvenile Residential Detention Facility"  
(No reference material permitted)

See below for location

Monday, December 10, 1973

8:00 A.M. to 12:00 NOON

Examination C, History & Theory (No reference material permitted)

12:30 P.M. to 4:30 P.M.

Examination I, Building Equipment (No reference material permitted)

Tuesday, December 11, 1973

8:00 A.M. to 11:00 A.M.

Examination F, Building Construction (No reference material permitted)

11:00 A.M. to 2:00 P.M.

Examination H, Professional Administration (No reference material permitted)

All examinees report to 1645 W. Jefferson, Room 212, Phoenix, Arizona, for  
exams given on Monday, December 10 and Tuesday, December 11.

SCHEDULE OF EXAMINATIONS  
FOR  
ARCHITECTS  
(under New Rules)

TWO LOCATIONS

1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Rooms 234 and 240, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 8, 1973

SUBJECT: An educational park located in a large American city.

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

Part I of the Professional Examination

12:30 P.M. to 4:30 P.M.

Part II of the Professional Examination

Sunday, December 9, 1973

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

Part III of the Professional Examination

12:30 P.M. to 4:30 P.M.

Part IV of the Professional Examination

REFERENCE MATERIAL IS PERMITTED FOR ALL SECTIONS OF THE PROFESSIONAL EXAMINATION

Robert Clark	9022	Johnny B. Page, Jr.	9100
...	9093	...	9101
...	9094	...	9102
...	9095	...	9103
...	9096	...	9104
...	9097	...	9105
...	9098	...	9106
...	9099	...	9107



REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd.

The Landscape Architectural Evaluation and Examination Committee meeting report of August 6 and 20, 1973, was presented by Mr. Wyatt, as shown on Minute Pages 3256 and 3257.

It was moved by Mr. Wyatt and seconded by Mr. Wallace that the above report of the Landscape Architectural Evaluation and Examination Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Landscape Architectural Examinations in December, 1973, was presented as shown on Minute Page 3258.

It was moved by Mr. Vanlandingham and seconded by Mr. Girand that the above schedule be approved as presented with the location to be amended on the dates of December 10 and 11, 1973. Motion carried.

The Engineering Evaluation Committee meeting report of August 21, 22, 23 and 24, 1973, together with the Engineering Examination Committee report of September 5, 1973, were presented by Chairman Newlin, as shown on Minute Pages 3259 through 3264.

It was moved by Dr. Newlin and seconded by Mr. Girand that the above reports of the Engineering Evaluation and Examination Committee meetings be accepted and implemented by the Board. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Wyatt that the following applicants are to be denied for failure to appear for the written examinations as required by the Board within a reasonable length of time. Motion carried.

Smyth, Jack Biggers	72-102	Landscape Architect
Standage, Cynthia F.	72-21	Architect-in-Training

It was moved by Dr. Newlin and seconded by Mr. Wyatt that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

Garabrant, Howard Robert	73-457	Mechanical Engineer
Lynck, James L.	73-308	Architect
Seal, Virgil Larry	72-248	Civil Engineer
Williams, Robert Roy	71-473	Civil Engineer
Ramos, Chris Peter	73-308	Architect

It was moved by Dr. Newlin and seconded by Mr. Girand 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

Bigler, Robert Clark	9092	Cotton, D. Page, Jr.	9100
Broyhill, Kent Ira	9093	Cox, Stephan A.	9101
Geton, Raymond Wallace	9094	Croonquist, Alfred H.	9102
Chen, Paul K. Y.	9095	Cushing, James Robert, Sr.	9103
Chermak, Ray	9096	Day, George Edward, Jr.	9104
Clapet, William Charles	9097	Ebejer, Thomas M.	9105
Cleveland, Ronald Millard	9098	Eckberg, James Howard	9106
Comey, Ralph Howard, Jr.	9099	Fritsche, David Werner	9107

DATE: August 31, 1973

TO: State Board of Technical Registration  
 FROM: Landscape Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on August 20, 1973, in Phoenix, Arizona, with the following members present:

Lew Place  
 Ralph L. Wyatt

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 in landscape architecture:

Bucci, Robert Lawrence	73-382
Charchalis, George W.	73-335
Lauesen, Warren Evans	73-415
Yano, Sanji	73-385

- II. The following applicant having appeared before the Committee, while completing the personal audience interview, needs demonstration of additional evidence of his proficiency, A.R.S. 32-123.B, and it is recommended to the Board that this individual be held for the written examinations indicated beginning in December, 1973:

Hubbell, Richard Steven	73-383	Parts 1, 2, 3, 4 and 5
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- III. The Landscape Architectural Examination Committee met on August 6, 1973, with Robert Bowsby, M. L. Vanlandingham and Ralph L. Wyatt present. The committee reviewed the examinations given in June, 1973, and recommends to the Board that the grades as shown on the page following this report be so certified.

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

*Robert M. Bowsby*  
 Robert M. Bowsby, Chairman

03257

LANDSCAPE ARCHITECTS

No.	Name	History & Theory	Pltg., Dsn., Ident.	L.S. Arch. Design	Construction	Prof. Admin.	Passed
		1	2	3	4	5	
72-416	Ashworth, Dean Frampton	F	P	P	F	F	
*73-188	Elder, Daniel Robert	85	94	75	87	83	1,2,3,4,5
72-331	Rutz, Miriam Easton	P	P	P	75	F	4
72-245	Stewart, Ward Douglas	75	P	F	F	P	1
*72-188	Weaver, Walter Lee, Jr.	P	P	P	82	P	4

LANDSCAPE ARCHITECT-IN-TRAINING

No.	Name	1	2	3	Passed
73-2	Daley, Gerald Raymond	F	F	F	
73-1	Duffield, Mary Rose G.	76	75	F	1,2
73-3	Kirby, Rosina G.	76	84	F	1,2
73-4	Nelson, Barry Wayne	F	88	80	2,3

Examination center at 1885 W. Jefferson, Room 201, Memphis, Tennessee, for  
 the exam on Friday, September 10 and Tuesday, September 11.

SCHEDULE OF EXAMINATIONS  
FOR  
LANDSCAPE ARCHITECTS AND LANDSCAPE ARCHITECTS-IN-TRAINING

TWO LOCATIONS: - Saturday, December 8 and Sunday, December 9 only

1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Rooms 234 and 240, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 8, 1973

8:00 A.M. to 6:00 P.M.

Part 3 - Landscape Architectural Design (No reference material permitted)

Sunday, December 9, 1973

8:00 A.M. to 6:00 P.M.

Part 4 - Construction (Reference material is permitted)

See below for location

Monday, December 10, 1973

8:00 A.M. to 2:00 P.M.

Part 2 - Planting, Design & Identification (No reference material permitted)

Tuesday, December 11, 1973

8:00 A.M. to 10:00 A.M.

Part 1 - History and Theory (No reference material permitted)

10:00 A.M. to 12:00 NOON

Part 5 - Professional Administration (No reference material permitted)

All examinees report to 1645 W. Jefferson, Room 212, Phoenix, Arizona, for exams given on Monday, December 10 and Tuesday, December 11.

Adams, Frank Eugene	73-130	Wilson, Richard Earl, III	73-321
Alford, Arthur V., Jr.	73-437	Zuma, David E.	73-167
Anderson, Robert K.	73-187	Jones, Robert Lawrence	73-168
Arnold, Lawrence Michael	73-531	Keith, Geoffrey	73-424
Baker, James Earl	73-379	Kinney, James L.	73-242
Barnes, John Franklin	73-319	Licon, Callisto	73-235
Benson, Robert Charles	73-258	Lin, David Sun-Sai	73-197
Bishop, John James	73-138	Lindvick, Phillip Graham	73-294
Bishop, George Douglas	73-226	Matthew, Floyd Lee	73-323
Bishop, George Douglas	73-226	Myers, Robert Wayne	73-379
Bishop, George Douglas	73-226	Neville, Robert Ross	73-341
Bishop, George Douglas	73-226	Ollerides, Maurilio	73-382

DATE: August 31, 1973

TO: State Board of Technical Registration  
 FROM: Engineering Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on August 21, 22, 23 and 24, 1973, in Phoenix, Arizona, with the following members present:

C. W. Dryden	James L. Knickerbocker
John Girand	C. 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. Under Rule II, A(6), the following applicants appeared for review of their April, 1973, examinations:

Eagar, Terry S.	72-484	Civil Engineer
Gillespie, John P.	73-18	Geological Engineer
Loar, James A.	72-487	Electrical Engineer
Matthews, Lawrence	71-472	Civil Engineer
Newton, Thomas M.	67-322	Civil Engineer
Streich, Richard E.	72-452	Land Surveyor

After discussion with the above applicants, the committee recommends that the grade assigned to Mr. Thomas M. Newton on Minute Page 3213 be changed from failed to a grade of 75 and since Mr. Newton has completed all the requirements for registration, he be granted registration in Civil Engineering.

- II. The following applicants having appeared before the committee and satisfied the committee 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:

CHEMICAL ENGINEERING

Eckhart, Richard A.	73-364
Garabrant, Howard Robert	73-456
Rockwell, Frank Eugene, Jr.	73-130

CIVIL ENGINEERING

Biber, Arthur W., Jr.	73-459
Bzaren, Richard W.	73-387
Brennan, Lawrence Michael	73-431
Brogger, James Jacob	73-379
Carroll, James Franklin	73-319
Connors, Michael Charles	73-288
Csibor, Stephen Istvan	73-350
Diaz, Arturo Dionsio	73-358
Drissel, John Connor	73-351

CIVIL ENGINEERING - Cont'd.

Furman, Hal M.	73-365
Gehle, Robert Victor	73-289
Gilman, Richard Hall, III	73-321
James, Donald R.	73-367
Jones, Robert Lawrence	73-368
Keith, Aram Harry	73-424
Kinser, James R.	73-269
Licon, Guillermo	73-235
Lin, David Shu-Nai	73-397
Lockette, Philip Garolan	72-298
Matthew, Floyd Lee	73-223
Myers, Robert Wayne	73-370
Neville, Robert James	73-347
Ollervides, Maurilio	73-360

## II. Continued.....

CIVIL ENGINEERING - Cont'd.

Omoth, Gerald Eugene	73-348
Palmer, Jerry Milton	73-338
Patel, Nandu J.	73-436
Pfalzer, James Richard	73-287
Prater, Robert Reed	73-340
Raths, Donald Clifford	73-283
Ridler, John Walter	73-444
Sears, Jesse William	73-334
Smart, John David	73-329
Smith, Quentin Rollett	73-445
Sudweeks, Dean Alan	73-299
Tucker, Jeffrey Lynn	73-407
West, Walter H.	73-274

ELECTRICAL ENGINEERING

Galdwell, Jerry L.	73-237
Henley, Boyd Hill	73-395
Lenzini, John Francis	73-272
Lozon, Crisanto B.	73-353
Moses, Raymond	73-410
Peery, Gilbert Matthew	73-401
Powell, Wesley Dean	73-297
Randolph, Engle F.	73-271
Stafford, Lannon Foster	73-361
Van Marter, Charles Wesley	73-293
Wessels, Philip Summeral	73-419

MECHANICAL ENGINEERING

Colton, Alfred Harold	73-435
Dickey, Rex Eugene	73-300
Evers, John Paul	73-285
Kristofl, Ferdinand	73-471
Menster, Paul Curry	73-284

MINING ENGINEERING

Brandt, Carl Thorsten	73-455
Brown, William J.	73-349

SANITARY ENGINEERING

Goff, James D.	73-426
Goldman, Morton Irwin	73-268

STRUCTURAL ENGINEERING

Lavitt, Howard	73-323
Mehlenbacher, Dohn H.	73-278
Moore, Walter Parker, Jr.	73-325
Ratti, Dean Baird	73-468
Ropp, William Franklin	73-406
Tan, James T. C.	73-273
Troy, Richard Gregory	73-371

GEOLOGY

Heikes, George Conrad	73-345
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LAND SURVEYING

Armfield, William Ellis	73-440
Backlund, Richard Alan	73-337
Ballew, J. E., Jr.	73-357
Baum, Glen Parker	73-332
Bill, A. Phillips	73-15
Dale, Vernon B.	73-123
Drissel, John Connor	73-363
Grimes, David Franklin	73-393
Hull, Herbert Russell	73-396
Margrave, Tallas Doyle, Jr.	73-359
Miller, Howard Harold	73-324

III. Mr. Chang Won Ahn, File #73-143, who was held in abeyance at the June 11, 1973, Board meeting, having appeared before the committee and satisfied the committee that he is fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, is hereby recommended for registration in Civil Engineering.

IV. 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 November, 1973, examinations:

AERONAUTICAL ENGINEERING

McCormick, Alton Leroy, Jr.	73-333	Parts 3 and 4
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## IV. Continued.....

CIVIL ENGINEERING

Adams, William Pearson	73-331	Parts 3 and 4
Clymer, David C.	73-362	Parts 3 and 4
Davey, Earl Duane	73-441	Parts 3 and 4
Drottar, Stephen Frederick	73-281	Parts 3 and 4
Fontes, Eugenio Rene	73-437	Parts 3 and 4
Green, Donald Eugene	73-392	Parts 3 and 4
Hassett, Steven James	73-322	Parts 3 and 4
Lind, Dwight	73-137	Parts 3 and 4
Lynck, James L.	73-261	Parts 1, 2, 3 and 4
Metheny, Gary Robert	73-398	Parts 3 and 4
Moser, James Frederick	73-429	Parts 3 and 4
Peterson, Peter Louis, II	73-339	Parts 3 and 4
Schoenherr, Roger E.	73-420	Parts 3 and 4
Smiley, Terry Nelson	73-438	Parts 3 and 4
Soto, Edward Monriguez	73-446	Parts 3 and 4
Toscano, Gerald James	73-389	Parts 3 and 4

ELECTRICAL ENGINEERING

Bajpai, Munnu	73-279	Parts 3 and 4
Barry, Michael John	73-277	Parts 3 and 4
Fortney, Durward Frank	73-430	Parts 1, 2, 3 and 4
Kipp, Karl John	73-233	Parts 3 and 4
Miller, Robert Leon	73-296	Parts 3 and 4
Nordholm, Lloyd Paul	73-326	Parts 1, 2, 3 and 4
Stevens, Alexander Michael	73-434	Parts 3 and 4

GEOLOGICAL ENGINEERING

Winters, Harry Joseph, Jr.	73-372	Parts 3 and 4
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HIGHWAY ENGINEERING

Snyder, Jack Duane, Sr.	73-290	Parts 1, 2, 3 and 4
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MECHANICAL ENGINEERING

Allredge, Antoine Don	73-404	Parts 3 and 4
Baltzer, Ronald Thomas	73-386	Parts 3 and 4
Bufkin, William John	73-442	Parts 3 and 4
Delp, John Noel	73-344	Parts 3 and 4
Elledge, Charles Wayne	73-195	Parts 3 and 4
Garabrant, Howard Robert	73-457	Parts 3 and 4
Gelling, Douglas Charles	73-391	Parts 3 and 4
Guenther, Jonathan Paul	73-294	Parts 3 and 4
Karroum, Joseph G.	73-258	Parts 3 and 4
Noe, Dan Andrew	73-292	Parts 3 and 4
Price, William Frederick	73-327	Parts 3 and 4
Rambo, Steven Lee	73-355	Parts 3 and 4
Watson, William Earl	73-356	Parts 3 and 4

SANITARY ENGINEERING

Morea, Claudia Rae	73-346	Parts 3 and 4
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STRUCTURAL ENGINEERING

Lee, Ray Chengkuei	73-470	Parts 3, 4, 5 and 6
Locke, James Donald	73-352	Parts 3, 4, 5 and 6
Nerison, John P.	73-301	Parts 5 and 6
Yu, Man Chiu	73-291	Parts 5 and 6

ASSAYING

Lehmbeck, William LeRoy	73-276	Section 1 and 2
Roberts, Wilbert Richard	73-411	Section 1 and 2

LAND SURVEYING

Boling, Oscar Clay	73-295	Parts 3 and 4
Hurst, Timothy J.	73-366	Parts 1, 2, 3 and 4
Passarelli, Grege Alexander	73-400	Parts 1, 2, 3 and 4
Wagoner, Robert Reighton	73-66	Parts 1, 2, 3 and 4
York, Edward M.	73-343	Parts 1, 2, 3 and 4

Applicants held for the April, 1974, examinations:

CHEMICAL ENGINEERING

Suydam, Coe Durland, Jr.	73-302	Parts 3 and 4
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CIVIL ENGINEERING

Cornell, Christopher S.	73-388	Parts 3 and 4
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HIGHWAY ENGINEERING

Thomas, Rowland Lloyd, Jr.	73-403	Parts 1, 2, 3 and 4
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V. The following applicants appeared before the committee and the evaluation of their applications determined that they should be denied for lack of experience under A.R.S. 32-123.A with the refund as shown and the additional years of experience required follows the refund amount:

Darmiento, Frank Thomas	Mechanical Engineer, #73-427, \$10.00	1 year
Davis, Douglas Lee	Civil Engineer, #73-439, \$10.00	1 year
Drew, Curtis Dean	Civil Engineer, #73-390, \$10.00	1½ years
Dvorak, William	Mechanical Engineer, #73-219, \$10.00	
Prescott, Adrian R.	Land Surveyor, #73-341, \$10.00	9 months
Stebbins, John Frederick	Civil Engineer, #73-412, \$10.00	1 year

VI. The following applicants having been advised twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

Bell, Melvyn LeRoy	73-19	Civil Engineer
Henry, Richard Andrew	72-579	Civil Engineer
Hoch, Harold S.	73-133	Mechanical Engineer
Rein, Harold E.	73-225	Civil Engineer

The committee recommends to the Board that Recommendations I through VI of this report be accepted and implemented.

Respectfully submitted,

*C. W. Newlin*

C. W. Newlin, Chairman



## MEETING OF THE ENGINEERING EVALUATION &amp; EXAMINATION COMMITTEE

September 5, 1973

Members Present: C. W. Newlin, Chairman  
John Girand  
James L. Knickerbocker  
Robert G. Wallace

The Chairman opened the meeting at 9:10 A.M. and stated that the purpose was to review the N.C.E.E. professional examinations and to decide if they are to be used for Parts III and IV of the examinations to be given November 4, 1973.

After review and discussion, the following motions were unanimously carried:

Moved by Mr. Girand, seconded by Mr. Knickerbocker that the N.C.E.E. exams be used for Parts III and IV Civil Engineering.

Moved by Mr. Girand, seconded by Mr. Knickerbocker that the N.C.E.E. exams be used for Parts III and IV Chemical, Electrical, Mechanical, Industrial, Petroleum, Agricultural and Nuclear Engineering.

Moved by Mr. Knickerbocker, seconded by Mr. Girand that structural questions included in the N.C.E.E. exams be used for Parts III and IV Structural Engineering.

Moved by Mr. Knickerbocker, seconded by Mr. Girand that Sanitary questions included in the N.C.E.E. exams be used for Parts III and IV Sanitary Engineering.

Moved by Mr. Girand, seconded by Mr. Wallace that Civil questions included in the N.C.E.E. exams be used for Part III Highway Engineering and that Part IV Highway be prepared locally.

The following applications are recommended for denial by the Board at the meeting to be held September 14, 1973:

Land Surveying File #73-496 - H. L. Culp - Character and experience is not satisfactory to the Board. Refund - \$10.00.

Civil Engineering File #73-399 - C. R. Moreland - Character and experience is not satisfactory to the Board. Refund - \$25.00.

Civil Engineering File #72-572 - J. E. Schroeder - Failure to complete requirements of the application in a reasonable length of time.

Geology File #72-517 - Philip Seff - Failure to complete requirements of the application in a reasonable length of time.

It was requested by Mr. Knickerbocker that the subject of fees for preparation of exams and for proctors be considered at the Board meeting.



ARCHITECTURE - Cont'd.

Gassman, Michael	9108
Geeting, Robert Scott	9109
Grygutis, James Edward	9110
Hall, Raleigh George	9111
Hardt, Donald Gene	9112
Hart, Robert L.	9113
Jacobsen, Warren Gilbert	9114
Johnson, Roger Louis	9115
Jones, Jeremy Alan	9116
Keck, Augustus Fredrick, IV	9117
Keenan, Michael John	9118
Kerner, Louis	9119
Knight, John C.	9120
Kozan, Eric Thomas	9121
Kulwiec, W. John	9122
Lawler, John Leroy	9123
Leftwich, Billy John	9124
Loporcaro, Lawrence L.	9125
Louie, William Wing	9126
Lundgren, Louis Ross	9127
McClung, Steven Lee	9128
Marcus, John Richard William	9129
Merritt, Bernard Jason	9130
Olsen, Donal Alan	9131
Payne, John Morgan	9132
Pederson, Howard C.	9133
Pence, Charles Edgar	9134
Pinegar, Wallace Lynn	9135
Pittam, Judson Wright	9136
Ponsor, Dale Wayne	9137
Quidort, Phillip Edward	9138
Ramsey, Harold Joseph	9139
Raney, Vincent Gerard	9140
Rice, Kirke Woodard	9141
Roberson, Jerry Roger	9142
Sanders, Julian M.	9143
Shreve, Dale Delno	9144
Smith, Gene Davidson	9145
Steppe, Allan Baker	9146
Tilden, Philip S.	9147
Vancil, Reynol B.	9148
Wolfe, Sebastian Andrew	9149
Wong, Frank J.	9150

CHEMICAL ENGINEERING

Eckhart, Richard A.	9151
Garabrant, Howard Robert	9152
Rockwell, Frank Eugene, Jr.	9153

CIVIL ENGINEERING

Ahn, Chang Won	9154
Biber, Arthur W., Jr.	9155
Braren, Richard W.	9156
Brennan, Lawrence Michael	9157
Brogger, James Jacob	9158

CIVIL ENGINEERING - Cont'd.

Carroll, James Franklin	9159
Connors, Michael Charles	9160
Csibor, Stephen Istvan	9161
Diaz, Arturo Dionisio	9162
Drissel, John Connor	9163
Furman, Hal M.	9164
Gehle, Robert Victor	9165
Gilman, Richard Hall, III	9166
James, Donald R.	9167
Jones, Robert Lawrence	9168
Keith, Aram Harry	9169
Kinser, James R.	9170
Licon, Guillermo	9171
Lin, David Shu-Nai	9172
Lockette, Philip Carolan	9173
Matthew, Floyd Lee	9174
Myers, Robert Wayne	9175
Neville, Robert James	9176
Newton, Thomas Monroe	9177
Ollervides, Maurilio	9178
Omoth, Gerald Eugene	9179
Palmer, Jerry Milton	9180
Patel, Nandu J.	9181
Pfalzer, James Richard	9182
Prater, Robert Reed	9183
Raths, Donald Clifford	9184
Ridler, John Walter	9185
Sears, Jesse William	9186
Smart, John David	9187
Smith, Quentin Rollett	9188
Sudweeks, Dean Alan	9189
Tucker, Jeffrey Lynn	9190
West, Walter H.	9191

ELECTRICAL ENGINEERING

Caldwell, Jerry L.	9192
Henley, Boyd Hill	9193
Lenzini, John Francis	9194
Lozon, Crisanto B.	9195
Moses, Raymond	9196
Peery, Gilbert Matthew	9197
Powell, Wesley Dean	9198
Randolph, Engle F.	9199
Stafford, Lannon Foster	9200
Van Marter, Charles Wesley	9201
Wessels, Philip Summeral	9202

MECHANICAL ENGINEERING

Colton, Alfred Harold	9203
Dickey, Rex Eugene	9204
Evers, John Paul	9205
Kristofl, Ferdinand	9206
Menster, Paul Curry	9207

MINING ENGINEERING

MINING ENGINEERING

Brandt, Carl Thorsten	9208
Brown, William J.	9209

SANITARY ENGINEERING

Goff, James D.	9210
Goldman, Morton Irwin	9211

STRUCTURAL ENGINEERING

Lavitt, Howard	9212
Mehlenbacher, Dohn H.	9213
Moore, Walter Parker, Jr.	9214
Ratti, Dean Baird	9215
Ropp, William Franklin	9216
Tan, James T. C.	9217
Troy, Richard Gregory	9218

GEOLOGY

Heikes, George Conrad	9219
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LANDSCAPE ARCHITECTURE

Bucci, Robert Lawrence	9220
Charchalis, George W.	9221
Elder, Daniel Robert	9222
Lauesen, Warren Evans	9223
Weaver, Walter Lee, Jr.	9224
Yano, Sanji	9225

LAND SURVEYING

Armfield, William Ellis	9226
Backlund, Richard Alan	9227
Ballew, J. E., Jr.	9228
Baum, Glen Parker	9229
Bill, A. Phillips	9230
Dale, Vernon B.	9231
Drissel, John Connor	9232
Grimes, David Franklin	9233
Hull, Herbert Russell	9234
Margrave, Tallas Doyle, Jr.	9235
Miller, Howard Harold	9236

It was moved by Dr. Newlin and seconded by Mr. Dryden that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ARCHITECT-IN-TRAINING

Ball, Robert B.	131
Boyajian, William Michael	132
Burton, Joe Allen	133
Emsley, Stephen Scott	134
Heiberg, Bruce Kingsley	135
Jacob, Robert H.	136
Matthews, Gary D.	137
Pasternack, Irwin Gene	138
Sinsheimer, James A.	139
Turley, Wallace Alan	140
Vander Pol, John	141
Webb, Joe Duane	142
Werner, Paul M.	143
Wyatt, Burke B.	144

ENGINEER-IN-TRAINING

Acker, Keith W.	1225
Appleget, Jerrol W.	1226
Ballmer, Ray James	1261
Bischoff, Stephen Julius	1227
Brown, Miller H., Jr.	1228
Butros, Charles Moaba	1229
Caccavale, Salvatore Erasmo	1230
Carber, Robert Donald	1231
Cochran, Thomas Gerald	1232
Colvin, Theron Don	1233
Cormier, Richard Ernest	1234

ENGINEER-IN-TRAINING - Cont'd.

Davis, Lynn Herbert	1235
Farney, James E.	1262
Hart, Peter J., Jr.	1236
Henry, William M.	1237
Hess, Steven	1238
Hodder, Philip Michael	1239
Hunt, Douglas A.	1240
King, Wayne Dean	1241
Kirchner, Jerry D.	1242
Kory, Raymond	1243
McKeown, Michael S.	1244
Marley, Steven Allen	1245
Marshall, Kenneth John, Jr.	1246
Mayou, Leon P.	1247
Mitchell, John Dale	1263
Moore, John David	1248
Moreno, David B.	1249
Moreton, Bruce Douglas	1250
Nakamura, George J.	1251
Rogers, Arthur N.	1252
Sabeff, Steven	1253
Sember, Joseph Alexander, III	1254
Semelsberger, Robert George	1255
Smith, Michael Neal	1256
Spaeth, Michael Thomas	1257
Sussman, David N.	1258
Voss, George William	1259
Wiltscheck, Gary Jerome	1260

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Wyatt reported that he and Mr. Vanlandingham attended from June 27 - 30, 1973, the National Council of Architectural Registration Boards' Annual Meeting in Atlanta, Georgia, which was certainly a beautiful city. The general discussion at this meeting was the implementation of the new examination procedure which they are right in the middle of at this time. One problem facing Arizona is whether applicants from another state who became registered without the qualifying examination can be granted in Arizona without it. The other problem discussed was the number of years required for actual job application prior to be examined as many states are trying to reduce this amount, allowing additional time for education.

Dr. Newlin reported on his attendance at the National Council of Engineering Examiners' Annual Meeting, held August 12-15, 1973, in New Orleans, Louisiana, and his attendance as a member of the Qualifications for Registration Committee. One of the charges given the National Council is to take a look at procedures in Canada wherein their non-graduate applicants or those who are not graduates of an accredited school are required to take a lengthy examination in all fundamentals of engineering. Dr. Newlin reported to the Committee that Arizona waives the EIT for graduates of an ECPD school but requires others to take the EIT and possibly by changing the fundamentals examination, similar to what Canada has done, may be the other states would adopt this format to which the committee agreed. The committee is going to study it for this year and make a recommendation to the Council next year.

Mr. Knickerbocker reported on his attendance at the National meeting and his attendance as member of the National Engineering Certification Committee. In the last year, considerable amount of time has been spent in updating the council record and reported the Engineering Evaluation Committee has this record on the table at this time to see if we can use it in the same light as the National Council of Architectural Registration Boards' council record.

REPORT OF THE BUDGET COMMITTEE

A Summary of the Budget Request for Fiscal Year 1974-1975 which was submitted to the Finance Department together with a report on the Technical Registration Fund was presented as shown on Minute Page 3268.

Mr. Wyatt noted the biggest increases are primarily in examination costs, and that there is an increase of approximately \$25,000 a year overall in the Technical Fund.

Chairman Knickerbocker directed the Budget Committee to take an in-depth look as to what should be done with the accumulation in our Technical Registration Fund and report at the next meeting. He suggested that when the Budget Committee is studying this they could first come up with a price proposal covering say a period of three years and at the same time meet with the Rules and By-Laws Committee for any possible rule changes affected by their proposal.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director presented his report as shown on Minute Pages 3269 and 3270. After discussion of this report, it was moved by Mr. Dryden and seconded by Dr. Newlin that we request a supplemental appropriation in the amount of \$12,000 for this fiscal year's expenditures. Motion carried.

BUDGET REQUEST FOR 1974-1975

03268

SUMMARY

	<u>Actual 1972-1973</u>	<u>Estimate 1973-1974</u>	<u>Request 1974-1975</u>
Personal Services	\$ 40,473	\$ 41,500	\$ 42,000
Employee Related Costs	4,524	4,900	5,100
Computer	2,270	2,600	3,300
Exams NCEE	2,018	5,200	11,000
Local Examiners	4,472	2,500	2,500
Exams NCARB & CLARB	8,249	6,100	16,000
Investigations	882	3,500	3,500
Travel	4,198	7,600	7,600
Rent - Office	7,787	9,153	9,200
Office Supplies	5,457	6,700	8,350
Annual Report	6,170	7,500	10,000
Court Reporter	142	800	800
Postage	4,512	4,900	6,500
Telephone	1,495	1,500	2,200
Xerox	793	860	860
Dues & Subscriptions	1,702	1,950	1,950
Office Equipment	<u>818</u>	<u>700</u>	<u>700</u>
<b>TOTAL</b>	<b>\$ 95,962</b>	<b>\$108,000</b>	<b>\$131,500</b>

TECHNICAL REGISTRATION FUND

	<u>1972-1973</u>	<u>1973-1974</u>	<u>1974-1975</u>
	<u>Actual</u>	<u>Estimated</u>	<u>Estimated</u>
Balance From Previous Year	\$ 99,280	\$120,309	\$147,309
Income	<u>116,991</u>	<u>135,000</u>	<u>158,400</u>
<b>TOTAL</b>	<b>\$216,271</b>	<b>\$255,309</b>	<b>\$305,709</b>
Less Expenses	<u>95,962</u>	<u>108,000</u>	<u>131,500</u>
Balance to Next Year	\$120,309	\$147,309	\$174,209

REPORT OF THE EXECUTIVE DIRECTOR

The official Budget Request for 1974-1975 was delivered to the Budget Division August 28, 1973.

The significant items are summarized on Page 28. The total request \$131,500 includes the estimate of \$29,500 for examinations, recognizing that the price of architectural exams has doubled and N.C.E.E. exam prices will be 25% higher in 1974. Volume in applications, examinations and registrations increased approximately 25% between 1971-1972 and 1972-1973.

The examination estimates for 1973-1974 are not realistic because budget division rules require that the total cannot exceed the appropriation of \$108,000. It is estimated that architectural exam costs in the current year will approximate \$13,000, and the the present inflationary trend will affect other items beyond the estimated amounts. It is therefore recommended that the Board should request a supplemental appropriation of \$12,000 to cover expenses in the current year, assuming the \$3,500 figure to be sufficient for investigations which may be required.

Technical Registration Fund

The carryover of \$174,209 estimated for June 30, 1975 is based on the present renewal fee of \$15.00. Reducing the fee to \$10.00 would reduce the carryover by approximately \$34,000. If this were done, total income is estimated to be \$125,000, which is less than the amount requested for operations in 1974-1975.

Examination Fees and Prices

	<u>Fee</u>	<u>Price</u>
Engineer-in-Training	\$10.00	\$8.00
Part 1 - Fundamentals of Engineering	10.00	4.00
Part 2 - Fundamentals of Engineering	10.00	4.00
Part 3 - Engineering Analysis	10.00	4.00
Part 4 - Engineering Design	10.00	4.00

The price of all N.C.E.E. exams will increase 25% in 1974.

Architect-in-Training	\$15.00	\$52.50
Construction, Theory & Practice	\$10.00	\$20.00
History, Theory & Planning	\$ 5.00	\$ 5.00
Design	\$15.00	\$27.50
Professional	\$50.00	\$52.50

Program Statement shown on Schedule 3 of the Budget Request

"Accomplishments" under this heading was stated as follows:

"To be assured that applicants for registration are satisfactorily qualified, the Board and/or its evaluation and examination committees have held 36 meetings throughout the year. This involved the selection of examination questions, the review of 1,687 examination grades, the appraisal of 907 applications and the granting of 737 registrations. Two formal hearings were held during the year, resulting in suspension of licenses and many other complaints were resolved without necessity for a formal hearing."



REPORT OF THE EXECUTIVE DIRECTOR - Cont'd.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the examination fees in the Rules be reviewed by the Rules and By-Laws and Budget Committees. Motion carried.

Cash Flow Report #1 was presented by the Executive Director. It was moved by Mr. Dyrden and seconded by Mr. Girand that this report be accepted as presented and as shown on Minute Page 3272. Motion carried.

READING OF COMMUNICATIONS

Letter from Al Sayler, as shown on Minute Pages 3273 and 3274, was presented, and Mr. Harold Ditzler and Mr. George Sprinkle were welcomed to the meeting who were present to speak on behalf of this letter.

Mr. Wyatt explained that this subject was covered in a meeting about two years ago but since that time more architectural offices are coming up with standard detail documents whereby details of typical door frames, etc., are repeated time after time on every job in the same way which are detailed on a 8½ x 11 sheet and would be filed in a 8½ x 11 book similar to a specification book, and these details would be stamped on the index page and title page and on each individual page.

Mr. Sprinkle and MR. Ditzler expressed to the Board their appreciation of considering this problem and that they did want to comply with the requirements of the law but would appreciate a clarification as to whether the stamp is required on each and every page of the book of standard details since the City of Phoenix turns it down if it is not stamped in this manner.

After considerable discussion, it was moved by Mr. Wyatt and seconded by Mr. Girand that a book of standard details with the stamp appearing on the title and index page, if signed by the same person who signed the drawings, is considered to be in agreement with the Rules and By-Laws of this Board. Motion carried with 4 ayes and 3 nays.

The Chairman directed that the above policy be circulated to the City of Phoenix and other appropriate agencies.

It was moved by Mr. Dryden and seconded by Dr. Newlin that a copy of this policy statement be cleared with our Attorney General before being circulated. Motion carried.

A letter from George Burnet of the Engineering Education and Accreditation Committee of ECPD was presented which requested if our Board would select a member to serve as an observer when ECPD makes their visit to the Arizona State University for the purpose of accrediting their engineering curricula. It was suggested by Mr. Vanlandingham that the Executive Director ask Mr. Knickerbocker if he would like to be an observer since the other engineering members were unable to do so.



CASH FLOW REPORT - #1

Blair-Ditzler & Saylor

DATE: September 1, 1973

Balance on Deposit as of July 1, 1973 - \$120,209.60  
 Balance on Deposit as of Report Date - \$124,371.20  
 Total Allocated Receipts to Technical Fund as of Report Date - \$4,161.60  
 Technical Fund Balance as of Report Date - \$114,000.92

LUMP SUM APPROPRIATED \$108,000.00

<u>Expenditures</u>	<u>Amount</u>
Personal Services	\$6,747.98
Employee Related Costs	731.71
Travel	909.87
Office Supplies	643.79
Postage	39.68
Telephone	145.44
Dues & Subscriptions	40.60
Revolving Fund	<u>20.00</u>

Amount Spent to Date 9,279.07

Balance of Appropriated Monies \$ 98,720.93

It is noted that the City of Phoenix is requiring that each drawing be sealed, signed and dated rather than permitting a signature and date on a title page and index sheet for the drawings required for specifications.

We would like to request that the Board of Technical Registration consider this section of Rule IV and consider permitting a seal, signature and date on a title page and index sheet of detail books or other solution.

The enclosed detail book is an example of our proposed document, and you will note that this project contains very few standard



03273

## Blair-Ditzler & Sayler

architects/engineers/planners/consultants - phoenix/los angeles/oklahoma city/little rock/san antonio/jackson/ft. lauderdale/washington, d. c.

August 22, 1973

State Board of Technical Registration  
1647 West Jefferson  
Phoenix, Arizona 85007

ATTENTION: Mr. Edward G. Drewry

Gentlemen:

Our firm is attempting to improve our construction documents and also control our production costs, and one of the methods we are now using consists of a book of details bound in a document form like specifications.

We feel that this system will make it easier for an estimator to check details or schedules by turning the pages in a book while looking at a plan or section than it is to flip back and forth through large drawings. A person checking shop drawings will also benefit. Reproduction costs of 8-1/2" x 11" sheets are much easier and more economical if only one detail reproduction is desired. Many projects that are similar in nature have details that are standard and require tracing on large drawings on each project, but could be provided in the drawing documents quite economically if reproduced from a small master and inserted in the book.

Our problem is that the City of Phoenix is requiring that each detail sheet be sealed, signed and dated rather than permitting a seal, signature and date on a title page and index sheet for the book as required for specifications.

We would like to request that the Board of Technical Registration review this section of Rule IV and consider permitting a seal, signature and date on a title page and index of detail books or some other solution.

The enclosed detail book is an example of our proposed document, and you will note that this project contains very few standard details.

State Board of Technical  
Registration

August 22, 1973

If possible, we would like to meet with the Board at the next meeting and discuss this problem.

Very truly yours,

BENHAM-BLAIR-DITZLER & SAYLER

*Al Sayler*  
Al Sayler, A.I.A.

AS/skh

Enclosure

UNFINISHED BUSINESS

The Board requested the Civil Service Commission on internal operations of the State. It stated the Personnel Commission has requested the Board to re-evaluate the classification of the range of salary for the Executive Director and the executive recommendations also the Executive Director's salary. It is the range of II. It was moved by Mr. Girard and seconded by Mr. Bryden that the State Personnel Commission be advised that the Board requests the Executive Director's salary range should be raised from Range II to III. Motion carried.

It was moved by Mr. Bryden and seconded by Mr. Girard that the Personnel Commission be advised on investigation of the pay levels of his full staff, that the Board be advised to pay their wages at the upper range level and that a statement be the State Personnel Commission that in its recommendation of the Board they should be raised to the appropriate level. Motion carried.

The committee also made recommendations on the annual and sick leave of the Executive Director. It was moved by Mr. Girard and seconded by Mr. Bryden that the Executive Director's annual leave be 30 days accumulated at the rate of one and one-half days per month with the accrual beginning on the first day of the year to be 30 days, and his sick leave to be accumulated at the rate of one day per month with no limit of accumulation. Motion carried. Mr. Girard asked the State Personnel Commission be informed of the above.

At the June Board meeting, it was recommended by phone with Mr. Bryden, that in accordance with their specifications, an agreement be reached in design of the Executive Valley School Student Activities Building. The contractor, Graham Construction Company, informed the office that the building is to be designed by Mr. Gordon G. Peterson, Civil Engineer, No. 1014.

READING OF COMMUNICATIONS - Cont'd.

Letters from Craig Walling, Architect, were presented, as shown on Minute Pages 3276, 3277 and 3278.

It was moved by Mr. Girand and seconded by Mr. Dryden that it is not the obligation of the Board to consider a hypothetical case as contained in the letter on Minute Page 3276, and if he wishes to present a formal complaint, the Board will listen to it. Motion carried.

Regarding the letter on Minute Page 3277, the Executive Director was instructed to write a letter and explain to Mr. Walling how to prepare a formal complaint and that Mr. Wells must be willing to appear.

Regarding the letter on Minute Page 3278, the Executive Director was directed to send a copy of our letter as a result of the June Board meeting to Mr. Walling that was sent to the Fredonia School District and advise him if he wishes to, he can file a complaint with the County Attorney of Coconino County.

UNFINISHED BUSINESS

Mr. Girand reported on the ad-hoc committee on internal operations of the Board. He stated the Personnel Commission has requested the Board to designate the classification of the range of salary for the Executive Director and the committee recommends that the Executive Director's salary fall in the range of 11. It was moved by Mr. Girand and seconded by Dr. Newlin that the State Personnel Commission be advised that the Board recommends the Executive Director's salary range should be raised from Range 10 to 11. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Girand that the Executive Director make an investigation of the wage levels of his full staff, that a proposal be drafted to put their wages at the proper range level, and with a statement to the State Personnel Commission that it is the opinion and recommendation of the Board they should be raised to the appropriate grade. Motion carried.

The ad-hoc committee also made recommendations on the annual and sick leave for the Executive Director. It was moved by Mr. Girand and seconded by Mr. Dryden that the Executive Director's annual leave is to be accumulated at the rate of one and one-half days per month with the maximum carryover for any one year to be 30 days, and his sick leave is to be accumulated at the rate of one day per month with no limit of accumulation. Motion carried. The Chairman directed that the State Personnel Commission be informed of the Board's action.

As directed at the June Board meeting, it was ascertained by phone with Mr. Ray Shipley, that in accordance with their specifications, an engineer was involved in design of the Paradise Valley School Student Activities Building. The contractor, Chardon Construction Company, informed the office that the engineer is Mr. Gordon G. Peterman, Civil Engineer, No. 2494.

# Peters & Walling, Architects, Inc.

118 EAST SEVENTH STREET

TEMPE, ARIZONA 85281

RECEIVED

SEP - 4 1973

STATE BOARD TECHNICAL REGISTRATION

03276

August 31, 1973

Mr. Edward G. Drewry, Executive Director  
Arizona State Board of Technical Registration  
State Office Building  
1645 West Jefferson  
Phoenix, Arizona 85007

Dear Mr. Drewry:

A situation has been called to my attention which, to protect one of the parties involved, I am presenting as a hypothetical case. The subject matter is a chain motel in an outlying community. A local architect was approached and, in effect, asked to stamp a stock set of plans. He properly declined. Sometime later when the project was under construction the architect who declined to stamp someone else's work saw the plans being used for construction, the documents were the same as the set he was asked to stamp and they bore the seal of another architect. The prints had been sealed and signed rather than the job redrawn and the seal affixed to the original tracing. It may be possible, in this situation, to produce (1) the set of prints the local architect was asked to stamp and (2) the stamped duplicate set of prints being used for construction.

Your assessment of this situation and a reply would be most appreciated.

Yours truly,

PETERS & WALLING ARCHITECTS, INC.



Craig Walling  
CW/amt

03277

# Peters & Walling, Architects, Inc.

118 EAST SEVENTH STREET

TEMPE, ARIZONA 85281

RECEIVED  
SEP 1 1973  
STATE BOARD OF TECHNICAL REGISTRATION

August 31, 1973

Mr. Edward G. Drewry, Executive Director  
Arizona State Board of Technical Registration  
State Office Building  
1645 West Jefferson  
Phoenix, Arizona 85007

Dear Mr. Drewry:

Enclosed are copies of three letters outlining a situation that goes beyond the ethical question raised by Mr. Wells (see his letter).

There is ample evidence available, in this instance, in the form of two sets of prints for the same project (one set by Tom Wells and one by Garrison Bailey) on file at the Building Inspections Division of the City of Tempe. Mr. Robert Geeting in the Building Inspections Division (phone 968-8341) would be happy to show you the prints.

I am hereby requesting that you investigate this matter and see for yourself the prints of what was originally Tom Well's work that now bears the stamp of Garrison Bailey.

Yours truly,

PETERS & WALLING ARCHITECTS, INC.

Craig Walling  
CW/amt

WALLING ARCHITECTS, INC.  
James Graham, Mr. Jerry Clark, Mr. George Spinkie,  
David Latta

# Peters & Walling, Architects, Inc.

118 EAST SEVENTH STREET

TEMPE, ARIZONA 85281

September 11, 1973

03278  
RECEIVED  
SEP 12 1973

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward G. Drewry, Executive Director  
Arizona State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Re: Fredonia School Plans

Dear Mr. Drewry:

We are curious to know about the results of your investigation of the referenced project that was recently on file at one of the local plan rooms. You may recall we had several phone conversations and I requested that you stop by the plan room to see the documents that didn't bear the seal of a registrant.

The low bidder on the project, and I believe the only bidder, was Speros Construction Co. Rumor has it that Speros had a construction trailer on the site before the bids were opened.

The points we want to make are (1) this problem should not be overlooked and allowed to slip by because construction has started and we think it should be stopped, (2) The school district is in violation of the state law because there was only one bid and (3) the contract documents were not prepared by a registered architect or engineer, as required by law.

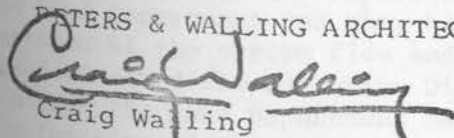
I would welcome a clarification of the law regarding the requirement for all public work to be designed by an architect or engineer. I personally don't think the \$50,000.00 limitation that allows a home owner to prepare his own plans also means a public project costing less than \$50,000.00 can be designed without the services of a registered professional. The subject Fredonia project exceeds the \$50,000.00 figure, so there is no question as to its status.

We do have a set of slides of the Fredonia Documents and we will be happy to submit them to the Board.

A prompt reply would be appreciated because construction on the project is underway.

Yours truly,

PETERS & WALLING ARCHITECTS, INC.

  
Craig Walling

cc: Mr. James Gresham, Mr. Jerry Clark, Mr. George Sprinkle,  
Mr. James Lakin



UNFINISHED BUSINESS - Cont'd.

As discussed at the June 11, 1973, Board meeting, with regard to plans stamped by Donald B. Graser, Architect, it was suggested that after review the case does not warrant further investigation and the Board instructed that the matter be closed.

NEW BUSINESS

Mr. Roger Benson who was visiting the meeting introduced himself and was welcomed by the Board.

Mr. Girand referred to the policy statement adopted by the Board on Minute Page 3177 of the September, 1972, Board meeting. It was moved by Mr. Girand and seconded by Dr. Newlin that this policy statement be incorporated into the Rules and By-Laws of the Board, under Rule IV, A, A.R.S. 32-101, to the paragraph under this Rule, add the number "1." at the beginning of the paragraph; following this paragraph add this new rule:

"2. Except when otherwise provided by law, the client shall have the prerogative to select and designate the prime professional and to approve the collaborating professionals selected for his project."

Motion carried.

In accordance with Rule VII, publication shall be made and a hearing shall be called as required by law for the next regular meeting of the Board.

Chairman Knickerbocker recessed the meeting as it was necessary for him to leave for Tucson.

Vice-Chairman Vanlandingham reconvened the meeting and chaired the meeting until adjournment.

It was moved by Mr. Dryden and seconded by Dr. Newlin that Mr. Bowlsby be authorized to attend the Region 5 of the Council of Landscape Architectural Registration Boards meeting on October 19 and 20, 1973, in San Francisco if he wished to do so. Motion carried.

A complaint from John P. Zannaras was presented which concluded with a paragraph, "We respectfully submit that the Board of Technical Registration composed of Engineers, is actually and legally the most qualified department to pass on the technical subject matters submitted by this complaint, and we therefore respectfully request that the proper steps be taken by the Board that the erroneous if not illegal action of the State Land Department to circumvent Section 32-142(A) be rectified."

The Executive Director reported that he had visited with Mr. Bettwy of the Land Department and they had engaged a geologist who performs the investigations of the stream flow and so forth and that he is very competent. The Board directed the Executive Director to write to Mr. Zannaras and advise him that the Land Department has a competent Geologist employed who performs the function of water investigations and who has applied for registration in Arizona.

Prior to the approval of the following meeting dates for the Board, Mr. Girand discussed the fact of so many days required of the Board members to fulfill

NEW BUSINESS - Cont'd.

their duties. Suggestions were offered for handling the review of the large number of applicants and Mr. Vanlandingham explained how the architectural committee reviewed their applicants. As acting chairman, he directed that the individual committees resolve their own procedure for the personal audiences.

The selected dates for the next committee and Board meetings are:

Architectural and Landscape Architectural Evaluation - November 19, 1973

Engineering Evaluation - November 13, 14, 15 and 16, 1973

Regular Board meeting - December 14, 1973, in Phoenix

ADJOURNMENT

The Chairman adjourned the meeting at 12:30 P.M.

James L. Knickerbocker  
CHAIRMAN

Robert D. Wallace  
SECRETARY

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

December 14, 1973

The meeting of the State Board of Technical Registration was called to order by Mr. James L. Knickerbocker, Chairman, in Room 315, 1645 W. Jefferson, Phoenix, Arizona, at 9:05 A.M.

PRESENT

- James L. Knickerbocker, Chairman
- M. L. Vanlandingham, Vice-Chairman
- Robert G. Wallace, Secretary
- Robert M. Bowsby
- C. W. Dryden
- John Girand
- C. W. Newlin
- Ralph L. Wyatt
- Michael Low, Asst. Atty. Gen.

ABSENT

- Lew Place

It was moved by Mr. Girand and seconded by Mr. Wallace that the minutes of the meeting of the Board on September 14, 1973, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No meetings and no report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

At 10:00 A.M., the Chairman convened the meeting to Room 312 for the public hearing on the proposed Rule change. Letters from interested societies and parties were presented to the Board and representatives of these societies and others were present for the public hearing. A transcript of this hearing was made by John A. Brabec, Court Reporter, and is maintained in the files of the Board office.

At 10:30 A.M., the public hearing concluded and the Chairman reconvened the meeting in Room 315. Mr. Girand requested the Chairman to recess the meeting for the Executive Committee to meet to discuss the proposed Rule change and the Chairman so ordered.

After the meeting of the Executive Committee, the Chairman reconvened the Board. It was moved by Mr. Girand and seconded by Mr. Wallace that the following Rule change be so adopted:

"Amend Rule No. IV, A, to read Rule IV, A, 1.

"Adopt Rule IV, A, 2., as follows:

- '2. Except when otherwise provided by law, the client shall have the prerogative to select and designate the prime professional and to approve the collaborating professionals selected for his project."

Mr. Wyatt stated that he preferred not to vote on this issue as he did not believe it was what the Code provided for, but in view of the fact the issue had divided the registered architects and engineers, he would cast his vote in opposition. Motion carried with 4 ayes and 3 nays.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation Committee meeting report of November 19, 1973, was presented by Chairman Wyatt, as shown on Minute Pages 3283 and 3284.

It was moved by Mr. Wyatt and seconded by Mr. Girand that the above report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Landscape Architectural Evaluation Committee meeting report of November 19, 1973, was presented, as shown on Minute Page 3285.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Russell Howard Schnormeier, Civil Engineer applicant #73-461, who appeared before the committee on November 13, requested reconsideration of the committee's recommendation. It was moved by Dr. Newlin and seconded by Mr. Dryden that the Board reaffirm the recommendation of the Engineering Evaluation Committee regarding his application and he be held for Parts 3 and 4 of the civil engineering examination. Motion carried. The Chairman, directed, per Mr. Schnormeier's request, his application be withdrawn in accordance with Rule I, A(10).

Mr. Brian Kirby, Geology applicant #73-589, who appeared before the committee on November 15, requested reconsideration of the committee's recommendation. It was moved by Dr. Newlin and seconded by Mr. Wyatt that the Board reaffirm the recommendation of the Engineering Evaluation Committee regarding his application and he be held for Parts 3 and 4 of the geology written examination. Motion carried.

The Engineering Evaluation Committee meeting report of November 13, 14 and 15, 1973, was presented by Chairman Newlin, as shown on Minute Pages 3286, 3287, 3288 and 3289.

It was moved by Dr. Newlin and seconded by Mr. Girand that the above report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Engineering Examinations in April, 1974, was presented as shown on Minute Page 3290, and it was moved by Dr. Newlin and seconded by Mr. Dryden that this schedule be approved as presented. Motion carried.

DATE: December 6, 1973

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on November 19, 1973, in Phoenix, Arizona, with the following members present:

M. L. Vanlandingham  
 Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Baker, Donald V.	73-304	Martinskis, Albins	73-570
Braht, Fred W.	73-522	Medlin, Richard Larry	73-482
Buzard, Robert Turner	73-615	Munselle, Peter Fernand	73-539
Cowlishaw, Richard Alan	73-604	Porro, Pedro Alonso	73-654
Dewey, Robert Tempest	73-614	Prodis, Pierre Anthony	73-569
Drake, Frank John	73-633	Pugsley, John Lawrence	73-612
Falk, Eivin Arthur	73-214	Snider, James Edgar, Jr.	73-486
Ferrante, Joseph Arthur	73-452	Sorenson, Ken	73-592
Ficker, William Peter	73-632	Stevens, Edmund, Jr.	73-309
Goldsmith, Myron	73-538	Stucky, Gordon Keith	73-524
Grube, Herman Christian	73-582	Symonds, John Stephen	73-593
Guest, John L.	73-537	Tabler, William Benjamin	73-577
Haight, George Addison	73-544	Teegardin, Robert Earl	73-526
Johnson, Roy Stanley, Jr.	73-634	Wells, John E.	73-247
Lagier, Larry Alan	73-489	Williamson, Charles Edward	73-523
Larson, James Lawrence	73-559	Wortham, William F., Jr.	73-542
Marshall, John William	73-536		

- 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:

Barnes, Linda Lee	73-584	Professional
Bender, Bert L.	73-591	Equivalency & Professional
Bisch, Craig William	73-602	Equivalency & Professional
Bobbett, James Paul	73-583	Equivalency & Professional
Boyajian, William Michael	73-636	Professional
Freudig, Gordon Frederick	73-488	Professional
Garrison, James Walter	73-631	Equivalency & Professional

## II. Continued....

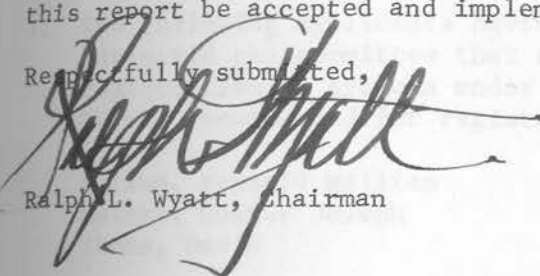
Jolly, David Jones	73-505	Equivalency & Professional
Lloyd, John Stephen	73-601	Professional
Reymer, Michael George	73-637	Equivalency & Professional
Sheydayi, Esfandiar Yury	73-476	Equivalency & Professional
Snapp, Alan Harvey	73-571	Equivalency & Professional
Whitneybell, Douglas Theron	73-578	Equivalency & Professional
Wyatt, Burke Bond	73-487	Professional

III. The following applicants having been advised twice they were scheduled to appear before the committee and due to unavoidable circumstances were unable to appear the second time, the committee recommends they be granted a final extension to appear in February:

Schafer, Edward G.	73-417
Zorzi, Peter Attilio	73-433

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

  
Ralph L. Wyatt, Chairman

DATE: December 6, 1973

TO: State Board of Technical Registration  
 FROM: Landscape Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on November 19, 1973, in Phoenix, Arizona, with the following members present:

- Robert M. Bowsby
- M. L. Vanlandingham
- Ralph L. Wyatt

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 in landscape architecture:

- Forsum, Reynold William 73-630
- Molnar, Gustav Joseph 73-416
- Thoms, David 73-384

The committee recommends to the Board that Recommendation I of this report be accepted and implemented.

Respectfully submitted,

*Robert M. Bowsby*  
 Robert M. Bowsby, Chairman

*[Faint list of names and numbers on the left side of the page, partially obscured by the signature and bleed-through from the reverse side.]*

*[Faint list of names and numbers on the right side of the page, including categories like 'CIVIL ENGINEERING', 'ELECTRICAL ENGINEERING', 'MECHANICAL ENGINEERING', and 'RADIOLOGY ENGINEERING'.] Faint bleed-through from the reverse side of the document.*

DATE: December 6, 1973

TO: State Board of Technical Registration  
 FROM: Engineering Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on November 13, 14 and 15, 1973, in Phoenix, Arizona, with the following members present:

C. W. Dryden	C. W. Newlin
John Girand	Robert G. Wallace
James L. Knickerbocker	

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 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

Anderson, Ewalt P., Jr.	73-562
Anderson, Thor L.	73-519
Bles, Thomas G.	73-587
Brent, David Joseph	73-574
Burton, Foster M.	73-492
Carter, Eugene H.	73-552
Champlin, Kenneth F.	73-495
Donald, Herbert Preston	73-548
Edmonston, Robert McCombie	73-575
Fischer, Barry Smith	73-533
Flowers, Robert Thomas	73-518
Forstie, Douglas Arthur	73-590
Gray, Samuel Lewis	73-626
Haley, Steven Christopher	73-509
Horvath, George J.	73-520
Kummerle, Eugene Richard	73-557
Lassley, Therman I.	73-475
Libby, James Rolla	73-629
McConnell, William M.	73-531
McGlasson, William H.	73-530
Martinez, Renato G.	73-354
Minuts, Eugene J.	73-286
Modi, Mohit Kumar	73-580
Moore, Terry Lee	73-608
Perrault, Charles Pemberton	73-551
Poormand, Iraj	73-527
Rollins, Carl Lee	73-328
Schmelig, David A.	73-472
Steele, Robert Donald	73-579
Stookey, William Chapman	73-450
Thomas, Robert Craig	73-596
Truumees, Arvid	73-586

ELECTRICAL ENGINEERING

Dulude, William Joseph	73-484
Hoopes, Dwight R.	73-460
Kirk, Elmer LeValley	73-550
Lee, Robert Lowry	73-566
Mahoney, Philip Thomas	73-369
Mayer, Joseph August	73-553
Prach, Edwin Francis	73-540
Ruth, Richard Leroy	73-599
Sullivan, Joseph T.	73-498
Sullivan, Robert Sheldon	73-534
Ta <sup>o</sup> , William Kwang-yeh	73-453
Wallace, Arthur Ronald	73-226

GEOLOGICAL ENGINEERING

Studebaker, Irving Glen	73-546
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HIGHWAY ENGINEERING

Danner, Ellis	73-609
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INDUSTRIAL ENGINEERING

Burton, Foster M.	73-493
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MECHANICAL ENGINEERING

Dobler, Francis Xavier	73-541
Dunn, Fred D.	73-581
Hechanova, Clemencio Gumban	73-280
Heffler, Walter Ervin	73-270
McEntee, Jay Raymond	73-617
Markarian, Vahe	73-588
Marshall, J. Keith	73-458
Martin, Marvin DeWitt	73-561
Osborn, Earl I., Jr.	73-565



## I. Continued.....

MECHANICAL ENGINEERING - Cont'd.

Ring, Brian	73-342
Rosato, George G.	73-497
Rosenblum, Lawrence	73-480
Rowley, William Nelson	73-506
Smith, Albert James, Jr.	73-275
Sutherland, William John	73-503

MINING ENGINEERING

Grigore, Mihail Ilie	73-568
Mathis, Gerald Clay	73-483
Sorrell, Sherwood Wendell	73-454

SANITARY ENGINEERING

Connolly, Hugh H.	73-511
Thomas, Robert Craig	73-616

STRUCTURAL ENGINEERING

Anderson, Ewalt P., Jr.	73-563
Klippel, Gordon Hayward	73-556
Sardis, John Michael	73-528
Veideman, Uno	73-485

GEOLOGY

Babcock, Burt A.	73-572
Bielefeld, Richard John	73-451
Curtin, George	73-585

ASSAYING

Gallagher, William Charles	73-628
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LAND SURVEYING

Brent, David Joseph	73-573
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- 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 April, 1974, examinations:CHEMICAL ENGINEERING

Gutierrez, Gilbert Thomas	73-469	Parts 3 and 4
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CIVIL ENGINEERING

Burke, James Ray	73-500	Parts 3 and 4
Burns, John Charles	73-560	Parts 3 and 4
Cary, Thomas I.	73-448	Parts 1, 2, 3 and 4
Farrell, Robert Douglas	73-549	Parts 3 and 4
Figuroa-Iturralde, Antonio	73-558	Parts 3 and 4
Fimbres, Frank, Jr.	73-473	Parts 3 and 4
Gookin, William Scudder, Jr.	73-605	Parts 3 and 4
Huss, Conrad Eugene	73-516	Parts 3 and 4
Im, Heung Soon	73-135	Parts 3 and 4
Jeang, Hann Shang	73-241	Parts 3 and 4
Lohr, John Louis	73-477	Part 4
Schnormeier, Russell Howard	73-461	Parts 3 and 4
Tweet, Lyle Marvin	73-535	Parts 3 and 4
Weidman, Brent Henry	73-502	Parts 3 and 4

ELECTRICAL ENGINEERING

Culver, Larry Eugene	73-510	Parts 1, 2, 3 and 4
DeLuca, Rocco G.	73-320	Parts 1, 2, 3 and 4

MECHANICAL ENGINEERING

Jackson, David Lee	73-532	Parts 3 and 4
Miller, Allan Donald	73-242	Parts 3 and 4
Phalen, William Joseph	73-610	Parts 3 and 4

## II. Continued.....

METALLURGICAL ENGINEERING

Krsit, Ervin E. 73-554 Parts 3 and 4

MINING ENGINEERING

Couzens, Thomas Roger 73-547 Parts 3 and 4

Hartley, Thames E. 73-394 Parts 1, 2, 3 and 4

STRUCTURAL ENGINEERING

Glenn, Edward Stanley 73-447 Parts 5 and 6

Herman, Richard C. 73-507 Parts 5 and 6

Hewitt, Frederick Maxwell 73-567 Parts 5 and 6

Huss, Conrad Eugene 73-517 Parts 5 and 6

Tadger, Persiado Dick 73-402 Parts 5 and 6

Trepanier, Charles Lionel 73-622 Parts 5 and 6

GEOLOGY

Kirby, Claude Brian, Jr. 73-589 Parts 3 and 4

LAND SURVEYING

Butler, Gene O. 73-515 Parts 1, 2, 3, and 4

Frugia, Jerry Russell 73-196 Parts 1, 2, 3 and 4

Trevino, Nemesio Alberto 73-600 Parts 3 and 4

Applicant held for the November, 1974, examinations:STRUCTURAL ENGINEERING

Fimbres, Frank, Jr. 73-474 Parts 3, 4, 5 and 6

- III. The following applicant appeared before the committee and the evaluation of his application determined that he should be denied for lack of experience under A.R.S. 32-123.A with the refund as shown and the additional years of experience required follows the refund amount:

Ludlow, Stephen Loveless 73-598, Civil Engineer \$10.00 1 year

- IV. The following applicants failed to complete the requirements for their professional registration in a reasonable length of time and the committee recommends their application be denied for failure to do so:

Hargis, Louis Lane 72-417, Civil Engineer

Stites, Wilbur Daniel 73-110, Structural Engineer

- V. The following applicant having been advised twice he was scheduled to appear before the committee but due to unavoidable circumstances was unable to appear the second time, the committee recommends that he be granted a final extension to appear in February, 1974:

Brimhall, Ronald Maloy 73-260, Petroleum Engineer

VI. The following applicant having been unable to appear for the written examination two consecutive times but due to illness he missed the second examination period in November, the committee recommends he be granted a final extension to appear in April, 1974:

Fletcher, Edward Cass

72-436, Civil Engineer

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

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

03290

APRIL SCHEDULE OF EXAMINATIONS

I. SATURDAY, APRIL 20, 1974

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA - Report to Rooms 202 and 206, Geology Building in the College of Mines 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 E.I.T. and G.I.T. 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 E.I.T. and G.I.T. applicants held for Subsection II of the in-training exam.

All assaying applicants held for Part II, Assaying Examination.

II. SUNDAY, APRIL 21, 1974

TEMPE, ARIZONA - Report to Room G-150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Building at 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 Principles.

III. MONDAY, APRIL 22, 1974

PHOENIX, ARIZONA (only) - Report to Room 315, 1645 W. Jefferson (Board Office).

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

Part V - Comprehensive Engineering Design - Structural Engineers

12:30 P.M. to 4:30 P.M.

Part VI - Structural Engineering Design - Structural Engineers

Mr. Curtis Dean Drew, Civil Engineering applicant who was denied at the September 14, 1973, Board meeting appeared before the Board for reconsideration of his application. The Chairman introduced all of the Board members and requested him to discuss his experience with the Board. He explained that he had approximately five years of experience of which he judged 24 months was directly related in design office work and the other three years of field and office work. Mr. Girand asked him if he reported to a registered engineer, and he replied, he reported to the office manager, who was not registered. Mr. Girand asked him if any of the projects on which he worked were completed, and he replied, they were and satisfactorily.

The Chairman thanked Mr. Drew for appearing and the Board would consider his presentation, taking it under advisement. Also, he would be notified of their decision.

Mr. Girand requested the Chairman to recess the Board for a meeting of the Engineering Evaluation Committee to convene. The Chairman so ordered.

In the committee meeting and after discussion of Mr. Drew's application, it was moved by Mr. Girand and seconded by Mr. Wallace that the committee now deems him to be a qualified applicant and he be held for Parts 3 and 4 of the written examination in civil engineering. Motion carried with 3 ayes. The Engineering Evaluation Committee then adjourned.

Chairman Knickerbocker reconvened the meeting and it was moved by Dr. Newlin and seconded by Mr. Bowlsby that Mr. Drew be included on the list as a qualified applicant and be held for Parts 3 and 4 of the civil engineering examination. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Wyatt that the following applicants are to be denied for failure to appear for the written examinations as required by the Board within a reasonable length of time. Motion carried.

Atwood, Lorrel Thomas	73-14	Engineer-in-Training
Butler, James W.	72-116	Engineer-in-Training
Crowley, Robert L.	73-25	Engineer-in-Training
Easter, Jene Albert	70-488	Civil Engineer
Fortney, Donald Benjamin	72-624	Civil Engineer
Frino, Neal G.	72-63	Engineer-in-Training
Guthrie, Edward Donald	72-336	Civil Engineer
Hall, Glen Gale	73-20	Land Surveyor
Haskie, Leonard	72-154	Engineer-in-Training
Henrikson, Richard James	72-155	Engineer-in-Training
Holsclaw, Lynden E.	72-146	Engineer-in-Training
House, Ashley G., Jr.	72-126	Engineer-in-Training
King, Fredrick L.	72-7	Engineer-in-Training
Kirchner, Tommy L.	72-102	Engineer-in-Training
Lehner, Robert Eugene	72-415	Geologist
Mah, Stanley	72-91	Engineer-in-Training
Medlin, Michael Thomas	72-145	Engineer-in-Training
Oberst, Eugene F.	72-147	Engineer-in-Training
O'Connell, Clifford George	72-95	Engineer-in-Training
Pace, Malcolm James	72-152	Engineer-in-Training
Peacock, Douglas F.	72-6	Engineer-in-Training

Continued....

Shields, Phillip Kinyon	69-177	Land Surveyor
Stockton, Paul	68-175	Mechanical Engineer
Titus, Vance Claire	72-107	Engineer-in-Training
Truzzolino, Daniel	72-87	Engineer-in-Training
Tucker, George Monroe	72-447	Land Surveyor
White, Martin William	72-150	Engineer-in-Training
Wilbar, Aleck Peyton	72-96	Engineer-in-Training

It was moved by Dr. Newlin and seconded by Mr. Wyatt that the following applicants are to be denied with neither prejudice nor refund, at their request. Motion carried.

Berthot, Charles A.	72-563	Structural Engineer
Bloomfield, Arthur Kent	71-3	Engineer-in-Training
Bostick, Charles T.	69-240	Civil Engineer
Burton, Foster M.	73-494	Land Surveyor
Chatham, Steven	73-38	Engineer-in-Training
Clark, David Gleave	73-303	Architect
Cressey, Steven D.	73-42	Engineer-in-Training
Daley, Gerald Raymond	73-2	Landscape Architect-in-Training
Fusco, Jude Thomas	73-428	Architect
Hart, Laurent Cornelis	71-384	Civil Engineer
Montez, Marvin	73-51	Engineer-in-Training
Moreno-Campoy, Jose	73-131	Engineer-in-Training
Neijna, Michael Stephen	73-224	Civil Engineer
Planas, Alberto Enrique	73-405	Electrical Engineer
Saunders, Allen Dean	73-203	Architect
Smith, Gared Noel	73-543	Architect
Watson, Paul Hart	73-330	Mechanical Engineer
Yaroscak, Thomas M.	73-307	Architect
Schnormeier, Russell	73-461	Civil Engineer

It was moved by Dr. Newlin and seconded by Mr. Wyatt 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

Baker, Donald V.	9237
Braht, Fred W.	9238
Buzard, Robert Turner	9239
Cowlshaw, Richard Alan	9240
Dewey, Robert Tempest	9241
Drake, Frank John	9242
Falk, Eivin Arthur	9243
Ferrante, Joseph Arthur	9244
Ficker, William Peter	9245
Goldsmith, Myron	9246
Grube, Herman Christian	9247
Guest, John L.	9248
Haight, George Addison	9249
Johnson, Roy Stanley, Jr.	9250
Lagier, Larry Alan	9251
Larson, James Lawrence	9252
Marshall, John William	9253
Martinskis, Albins	9254

ARCHITECTURE - Cont'd.

Medlin, Richard Larry	9255
Munselle, Peter Fernand	9256
Porro, Pedro Alonso	9257
Prodis, Pierre Anthony	9258
Pugsley, John Lawrence	9259
Snider, James Edgar, Jr.	9260
Sorenson, Ken	9261
Stevens, Edmund, Jr.	9262
Stucky, Gordon Keith	9263
Symonds, John Stephen	9264
Tabler, William Benjamin	9265
Teegardin, Robert Earl	9266
Wells, John E.	9267
Williamson, Charles Edward	9268
Wortham, William F., Jr.	9269

Continued.....

CIVIL ENGINEERING

Anderson, Ewalt P., Jr.	9270
Anderson, Thor L.	9271
Bles, Thomas G.	9272
Brent, David Joseph	9273
Burton, Foster M.	9274
Carter, Eugene H.	9275
Champlin, Kenneth F.	9276
Donald, Herbert Preston	9277
Edmonston, Robert McCombie	9278
Fischer, Barry Smith	9279
Flowers, Robert Thomas	9280
Forstie, Douglas Arthur	9281
Gray, Samuel Lewis	9282
Haley, Steven Christopher	9283
Horvath, George J.	9284
Kummerle, Eugene Richard	9285
Lassley, Therman I.	9286
Libby, James Rolla	9287
McConnell, William M.	9288
McGlasson, William H.	9289
Martinez, Renato G.	9290
Mintus, Eugene J.	9291
Modi, Mohit Kumar	9292
Moore, Terry Lee	9293
Perrault, Charles Pemberton	9294
Poormand, Iraj	9295
Rollins, Carl Lee	9296
Schmelig, David A.	9297
Steele, Robert Donald	9298
Stookey, William Chapman	9299
Thomas, Robert Craig	9300
Truumees, Arvid	9301

ELECTRICAL ENGINEERING

Dulude, William Joseph	9302
Hoopes, Dwight R.	9303
Kirk, Elmer LeValley	9304
Lee, Robert Lowry	9305
Mahoney, Philip Thomas	9306
Mayer, Joseph August	9307
Prach, Edwin Francis	9308
Ruth, Richard Leroy	9309
Sullivan, Joseph T.	9310
Sullivan, Robert Sheldon	9311
Tao, William Kwang-yeh	9312
Wallace, Arthur Ronald	9313

GEOLOGICAL ENGINEERING

Stuebaker, Irving Glen	9314
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HIGHWAY ENGINEERING

Danner, Ellis	9315
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INDUSTRIAL ENGINEERING

Burton, Foster M.	9316
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MECHANICAL ENGINEERING

Dobler, Francis Xavier	9317
Dunn, Fred D.	9318
Hechanova, Clemencio Gumban	9319
Heffler, Walter Ervin	9320
McEntee, Jay Raymond	9321
Markarian, Vahe	9322
Marshall, J. Keith	9323
Martin, Marvin DeWitt	9324
Osborn, Earl I., Jr.	9325
Ring, Brian	9326
Rosato, George G.	9327
Rosenblum, Lawrence	9328
Rowley, William Nelson	9329
Smith, Albert James, Jr.	9330
Sutherland, William John	9331

MINING ENGINEERING

Grigore, Mihail Ilie	9332
Mathis, Gerald Clay	9333
Sorrell, Sherwood Wendell	9334

SANITARY ENGINEERING

Connolly, Hugh H.	9335
Thomas, Robert Craig	9336

STRUCTURAL ENGINEERING

Anderson, Ewalt P., Jr.	9337
Klippel, Gordon Hayward	9338
Sardis, John Michael	9339
Veideman, Uno	9340

GEOLOGY

Babcock, Burt A.	9341
Bielefeld, Richard John	9342
Curtin, George	9343

ASSAYING

Gallagher, William Charles	9344
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LANDSCAPE ARCHITECTURE

Forsum, Reynold William	9345
Molnar, Gustav Joseph	9346
Thoms, David	9347

LAND SURVEYING

Brent, David Joseph	9348
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It was moved by Mr. Girand and seconded by Mr. Dryden that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Bethel, Lawrence Lincoln	1264
Cheung, Shek Michael	1265
Matsushino, Anne	1266
Monrad, Lawrence Edward	1267
Yee, Wanda	1268
Abbott, Barry James	1269

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Dryden reported that this committee was established years ago because on numerous occasions Board members are asked to speak to a society or organization which is considered our only public information function.

REPORT OF THE BUDGET COMMITTEE

Mr. Wyatt presented the report of the Budget Committee, as shown on Minute Pages 3295 and 3296. Considerable discussion as how to reduce the Technical Registration Fund besides reducing the annual renewal fee was made. Mr. Girand suggested the hiring of an investigator which he preferred to call a Quality Control Officer on a full time basis. He felt this was necessary due to the poor quality of plans which were being submitted to the City of Phoenix. Mr. Dryden felt we should hire an investigator or expertise as a complaint warrants the necessity of hiring for such investigation. The Chairman requested the Budget Committee to accept the responsibility of additional review for reducing the Technical Fund which would be of benefit to our registrants and make a positive recommendation at the next meeting. He, also, appointed Mr. Wallace as a temporary member of this committee.

REPORT OF THE EXECUTIVE DIRECTOR

The Cash Flow Report shows expenses of \$24,688. Rent in the amount of \$4,000 has not been billed. The comparable figure as of November 30, 1972, was \$27,621 with rent included. The balance of appropriated funds is \$14,437 greater but the increase in exam costs is not yet apparent because payment is not due.

As approved at the September meeting, a supplemental appropriation of \$12,000 has been requested through Representative McConnell, who has asked the Joint Legislative Budget Committee to introduce the request for action by the Legislature at the regular session.

The new national professional engineering exams were held in November, and the new professional exams for architects was held December 8 and 9. This was the first time that these examinations were given in each instance.

Changes in staff have occurred by resignation of Jean Karasek and Pauline Parks. Roberta Mareskes started work Monday, December 10 as an applications clerk and the personnel division has a request for applicants to fill the second vacancy.



FOR  
ARCHITECTS, AGGAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS  
1648 W. JEFFERSON  
PHOENIX, ARIZONA 85007  
271-4053

TECHNICAL REGISTRATION FUND

The attached sheet shows the actual amounts added to the fund in five fiscal years through 1972-1973 and the estimated amounts for the next two years assuming the same increases in registration and in expenses as were used in the Budget request.

If the fee is reduced to \$10 beginning January 1, 1975, the addition of \$26,900 to the fund would change to a reduction of \$10,800 caused by the reduction in renewal fees from \$110,000 to \$73,000

However, the estimates were made for appropriation purposes and it is a fact that registration less than the estimate will result in lower income but not to the same extent in reduction of expense. If these figures remained the same as in 1972-1973, a \$10 fee would reduce the fund by \$14,000, or more if expenses increase. The recent change in both architectural and engineering examinations has precluded the use of historical figures in estimating future examination costs. It is known that 1973 year-end exams will cost at least \$3,200 more than 1972, but future rate of failure is not predictable and may cause a significant further increase, along with the amount caused by increased applications.

It is suggested that consideration be given to a fee of \$10 beginning January 1, 1975, with the recognition that it will probably be necessary to raise it in three to five years to maintain a working amount necessary for operation during the first half of the year before the renewal fees and examination fees are received.

FISCAL YEAR

	1967 1968	1968 1969	1969 970	1970 1971	1971 1972	1972 1973	1973 1974	1974 1975	
								ESTIMATED FOR BUDGET	
NO. OF REGISTRANTS JUNE 30	4,000	4,300	4,500	4,800	5,400	5,800	6,600	7,600	
CURRENT RENEWAL FEE	10	10	10	20	20	15	15	15	
INCOME - RENEWALS	41,000	42,500	45,500	98,000	104,200	82,600	94,000	110,000	
- APPLICATION FEES	8,900	11,600	11,900	19,400	24,200	30,000	36,000	42,000	
- EXAMINATION FEES	7,100	8,100	8,200	11,000	12,500	17,100	20,000	24,000	
- OTHER	1,700	5,400	4,900	1,200	800	300	--	--	
90% OF TOTAL INCOME TO TECH. FUND	52,800	60,900	62,500	116,700	127,500	117,000	135,000	158,400	
EXPENSES	48,800	58,600	67,100	79,200	83,200	96,000	118,000	131,500	
NET AMOUNT ADDED TO FUND	4,000	2,300	(4,600)	37,500	44,300	21,000	17,000	26,900	
FUND BALANCE JUNE 30	20,200	22,300	17,600	55,000	99,300	120,200	137,300	164,200	

REPORT OF THE EXECUTIVE DIRECTOR - Cont'd.

The recommendation for staff salaries as requested at the September meeting is that Joyce Smith be reclassified from Secretary I to Administrative Assistant I and the application clerks continue to be classified as Clerk Steno II. The personnel division has been so informed and has started the evaluation process.

The Personnel Division has conducted an evaluation of Joyce Smith's position and has denied the request for re-classification. However, it was learned that a review of the evaluation may be made after revision of the job description. For this purpose, it is requested that a Signature Authorization form be processed to permit Joyce to sign all documents as an alternate to the executive director.

It was moved by Dr. Newlin and seconded by Mr. Dryden that a Signature Authorization form be processed to permit Joyce Smith to sign all documents as an alternate to the executive director. Motion carried.

Cash Flow Report #2 was presented as shown on Minute Page 3298, and the Chairman directed the acceptance of this report.

READING OF COMMUNICATIONS

Letter from Jack D. Brock, regarding one of our architectural applicants, Rafael L. Valenzuela, File #73-86, who is in the examinations, was presented as shown on Minute Pages 3299 and 3300. The Chairman directed the Architectural Evaluation Committee to assist the executive director in an appropriate reply to Mr. Brock.

An opinion from the Assistant Attorney General Fred Stork, as shown on Minute Page 3301, was presented which had been requested for affirmation to the validity of the Attorney General's opinion dated April 11, 1961. It was moved by Mr. Girand and seconded by Mr. Dryden that a copy of this letter with emphasis added by underlining in red the last phrase of his letter, "he is under a duty to deny a permit," to the appropriate city and county official. Motion carried.

Letter from Caron Beard, as shown on Minute Pages 3302, was presented, and the Chairman stated it needs some definite response and referred it to the Landscape Architectural Evaluation Committee to assist the executive director in preparing a reply.

UNFINISHED BUSINESS

The Attorney General's opinion regarding standard details which was requested at the September Board meeting, as shown on Minute Pages 3303 and 3304, was discussed. Mr. Girand asked the Assistant Attorney General Michael Low that in the opinion of the Attorney General is there any difference in a drawing  $8\frac{1}{2} \times 11$  than a drawing that is  $30 \times 40$ ? He answered that without more information and research at this point he would say no and felt that this really is a policy matter for the Board to decide. He suggested that the Board amend the Rule as outlined in the opinion. The Chairman referred this matter to the Rules and By-Laws Committee and invited a report for our next meeting taking into consideration the request from the various architects regarding standard details and the Attorney General's opinion.

## CASH FLOW REPORT - #2

DATE: December 1, 1973

Balance on Deposit as of July 1, 1973 - \$120,209.60

Balance on Deposit as of Report Date - \$178,733.67

Total Allocated Receipts to Technical Fund as of Report Date - \$58,524.07

Technical Fund Balance as of Report Date - \$151,908.74

LUMP SUM APPROPRIATED

\$108,000.00

<u>Expenditures</u>	<u>Amount</u>
---------------------	---------------

Personal Services	\$16,555.82
-------------------	-------------

Employee Related Costs	1,752.68
------------------------	----------

Travel	1,508.59
--------	----------

Office Supplies	1,985.81
-----------------	----------

Postage	1,668.48
---------	----------

Telephone	766.46
-----------	--------

Xerox	295.06
-------	--------

Dues & Subscriptions	40.60
----------------------	-------

Revolving Fund	20.00
----------------	-------

Refunds	<u>94.50</u>
---------	--------------

Amount Spent to Date	<u>24,688.00</u>
----------------------	------------------

Balance of Appropriated Monies	\$ 83,312.00
--------------------------------	--------------

October 30, 1973

Technical Registration Board  
3550 North Central  
Phoenix, Arizona

Attention: Mr. Edward Drewry

Dear Mr. Drewry,

It is my feeling that when a letter is written to the State Technical Registration Board in protest of their action, they may become defensive in their response of their previous decisions. Although this is a letter of protest in regards to the application of Mr. Rafael Lopez Valenquela, I would request the Board to seriously consider the following, through investigation if necessary, and recind their previous acceptance of application.

**EDUCATIONAL BACKGROUND:**

It will be found that the four years of high school academic requirements were not experienced, but that a G.E.D. test was the result of education with a few evening courses the extent of formal educational background.

**ARCHITECTURAL EXPERIENCE:**

That Mr. Valenquela does not have the adequate number of years served under direct supervision of a registered architect in conjunction with his educational background. The experience that has been received through the Phoenix Union High School System is not that which would be experienced in a professional office. Mr. Valenquela has been responsible for such things as plans for tenant layout, tennis courts, minor remodeling and supervision of draftsmen preparing these plans. Mr. Valenquela did act as liaison for the system in new construction when plans were prepared by architectural firms. It must be noted that Mr. Valenquela did not participate in design or development of such plans. These were all handled outside and independent of his office.

**PROFESSIONAL EHTICS:**

Mr. Valenquela established himself as the sole inventor and developer of Science Equipment and participated in expenditure of funds issued by the Ford Foundation to support development. Evidence that I maintain and interviews of previous employees will expose the fraudulent attempt Mr. Valenquela made to promote himself. The equipment was taken directly from a "Kewaunee" catalog.

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OCT 30 1973  
STATE BOARD TECHNICAL REGISTRATION

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-2-

The purpose of such action was to promote himself and create sale of science equipment for those helping in the deception.

**STRUCTURE and DESIGN:**

Perhaps the one major structure Mr. Valenquela was responsible for, of which he designed and prepared plans himself, was the wood frame handball courts at Central High School. The courts received wind damage which could have resulted in bodily injury to students. When the system requested the drawing for review, Mr. Valenquela removed them from the files and disposed of them.

**MORAL INTEGRITY:**

Mr. Valenquela's own statements of his conduct and phone calls I personally received expresses a moral stability that would be considered uncommon. This may have resulted in a published divorce.

I have based my statement on facts and evidence that I can produce and my eleven years of experience while an employee of the Phoenix Union High School System working with Mr. Valenquela.

I will assist the Board in any and all inquiries that would relate to Mr. Valenquela's personal and professional conduct, as I know it to be.

Although I have no supporting evidence, it is my understanding, that Mr. Valenquela on more than one occasion has presented himself as an architect. When working with the System, Mr. Valenquela did introduce himself to the contractors as the architect.

Very truly yours,

*Jack D. Brock*

*J. Duncan Brock Builder Inc.*

*4428 N. 12<sup>th</sup> ST*

*Phoenix 85014*

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

03301

GARY K. NELSON  
THE ATTORNEY GENERAL  
FRANK SAGARINO  
CHIEF ASSISTANT ATTORNEY GENERAL

December 10, 1973

Arizona State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Gentlemen:

We have considered your request that we reaffirm an opinion to your Board dated April 11, 1961, a copy of which is attached.

On August 21, 1962 the Attorney General issued Opinion No. 62-32 which considered, in essence, the same question considered in the letter of April 11, 1961. A copy of Opinion No. 62-32 is enclosed. Both opinions should be read together and when so read together we reaffirm them.

The result is that it is within the power of a city or county official to deny a permit for building construction when the drawings and specifications have been prepared by a person not qualified under, or exempt from the Technical Registration Act. Furthermore, if the city or county official knows or has reason to conclude that the drawings and specifications have been prepared by a person not qualified under, or exempt from, the Technical Registration Act, he is under a duty to deny a permit.

Very truly yours,

GARY K. NELSON  
The Attorney General



FRED W. STORK  
Assistant Attorney General

FWS:hc  
encls.

ARIZONA  
CHAPTER



AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS

P.O. BOX 11312 PHOENIX, ARIZONA 85061

September 28, 1973

Mr. Edward G. Drewry, Executive Director  
Arizona State Board of Technical Registration  
3550 N. Central Avenue  
Phoenix, Arizona

Dear Mr. Drewry:

We have become aware that during the past year or so, violations of the registration code applying to landscape architects and the practice of landscape architecture have increased substantially. The purpose of this letter is to seek the assistance and guidance of the Board in reducing, if not eliminating, such violations. Specifically, we would like to know how to present complaints, what kinds of evidence are necessary to support complaints, and what kinds of actions the Board is prepared to take or advises be taken if complaints prove justified. We are not yet in a financial position to incur legal expenses in this connection, but feel that every effort short of legal action should be made to stop illegal activities.

Two general types of violations are occurring: (1) those in which non-registrants and/or firms not listing the name of registrants are advertising services as landscape architects, in violation of Sections 32-141 and 32-145 of the Code; and (2) those in which other professional firms are not employing "qualified" persons and those who are habitually exceeding any reasonable interpretation of the term "incidental", as set forth in Section 32-143. We are assured by Mountain Bell Telephone Co. that, with the cooperation of the Board and this organization, it will police its directory advertising more closely. It would be most helpful if the Board would address a letter to each violator informing him that he is in violation of the Code and subject to legal action.

The second category of violations is more difficult; but at the same time more important with respect to the volume of sub-standard work being produced under the classification of landscape architecture. The basic need here is for a firm interpretation of the term "incidental". The gray area of overlap in architecture and landscape architecture is most pronounced and most difficult to define in the practice of site planning, and, unfortunately, we have little hope that an equitable division could be agreed upon. On the other hand, we feel that there is no such gray area with respect to design of landscape plantings and related construction. Almost any amount of landscape development could be interpreted as "incidental" in a very large architectural or engineering project. However, landscape development costs frequently exceed \$50,000 in rather modest architectural projects, and it seems to us that this passes the point of being "incidental". Some very bad work can be done and clients badly cheated at costs well below this figure.

Please answer the questions in the first paragraph and give us whatever guidance you can in these matters.

*Caron N. Beard*

MEMBER OF THE INTERNATIONAL FEDERATION OF LANDSCAPE ARCHITECTS  
Caron N. Beard, President



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

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DEC 10 1973  
GARY K. NELSON  
DIRECTOR, GENERAL REGISTRATION  
FRANK SAGARINO  
CHIEF ASSISTANT ATTORNEY GENERAL

December 7, 1973

State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Gentlemen:

We have received and reviewed your letter of September 7, 1973 wherein you requested our consideration of the following resolution of the Board:

A book of standard details with the stamp appearing on the title and index page, if signed by the same person who signed the drawings, is considered to be in agreement with the Rules and By-Laws of this Board.

We have considered specifically your Rule V(2) which provides:

2. Use of Seals

An imprint on 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 specification 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.

Because of lack of knowledge and expertise in the field, we are unable to determine whether a "book of standard details" described in the resolution is generally understood to mean "sheets of drawings" or a "set of specifications" as those terms are used in the rule.

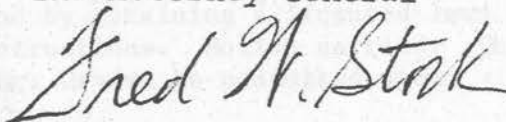
State Board of Technical Registration  
December 7, 1973  
Page Two

From the resolution, it appears that the Board thinks that a "book of standard details" is a "set of specifications" or, at least, should be treated as such.

If any doubt exists, however, concerning the interpretation of "set of specifications" to include "book of standard details," we would suggest that the appropriate procedure is to amend Rule V(2) in conformity with the Administrative Procedure Act.

Very truly yours,

GARY K. NELSON  
The Attorney General



FRED W. STORK  
Assistant Attorney General

FWS:hc

UNFINISHED BUSINESS - Cont'd.

In the matter of the investigation of James McCausland, the Executive Director reported that Mr. McCausland had sent to the office the prints which he has alleged to have sealed, and has stated he recognizes he made a serious error in sealing the plans. If a hearing is held, he will enter a plea of guilty. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that we hold a formal hearing to resolve this matter with Mr. McCausland. Motion carried. The Chairman directed that the hearing be held at the March Board meeting in Tucson, and advise the Attorney General to prepare the notice of complaint for March 15, 1974, at 1:00 P.M.

The Chairman noted that the request from the Attorney General concerning the county engineer is still outstanding.

NEW BUSINESS

Sworn complaint received from Robert E. Merz regarding Daniel Wier, as shown on Minute Pages 3306 and 3307, was presented. Mr. Girand noted that the City has established, by more accurate methods, the corners of certain properties within the city and this may be one of the corners in this complaint. It was moved by Mr. Vanlandingham and seconded by Mr. Dryden that the sworn complaint be investigated by retaining a licensed land surveyor giving him some additional instructions. Motion carried. The Chairman directed that Mr. Girand and Mr. Dryden be consulted when retaining the expertise.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the following dates be scheduled for Committee and Board meetings:

Meetings of the Engineering Evaluation Committee to be held February 19, 20 and 21, 1974.

Meetings of the Architectural Evaluation Committee and Landscape Architectural Evaluation Committee to be held on February 25 and 26, 1974.

Regular meeting of the Board to be held at Tucson, Friday, March 15, 1974.

Mr. Knickerbocker noted that when the necessary information to evaluate the examinations is received, it will be appropriate to hold a special meeting.

Mr. Sienerth, Director, City of Phoenix Building & Housing Safety Department, requested a ruling from the Board regarding the use of an Engineering Science seal on plans, in general, and specifically on electrical plans. It was moved by Mr. Wyatt and seconded by Mr. Dryden that an Engineering Science registrant cannot place his seal on electrical plans. Motion carried. The Chairman directed the executive director to advise Mr. Sienerth that Mr. Aadland cannot sign the electrical plans. Mr. Wyatt reported what the City Code had established regarding electrical plans under Section 330(e) on Page 129 and read the exceptions. The Chairman directed that this electrical code of the City of Phoenix should be considered further at the March Board meeting.

State Board of Technical Registration

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OCT 21 1973

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS

1645 W. JEFFERSON

PHOENIX, ARIZONA 85007

271-4053

STATE BOARD TECHNICAL REGISTRATION

03306

SWORN COMPLAINT

STATE OF ARIZONA )  
County of \_\_\_\_\_ )

I Robert E. Metz being first duly sworn, upon my oath, deposes and says:

That I Robert E. Metz

That, pursuant to A.R.S. 32-128, I wish to file a sworn complaint with the Arizona State Board of Technical Registration in regard to Daniel Wier.  
(Name of Individual)

That I have investigated certain incidents, the details of which are more particularly described in the affidavits of Our survey and also plat of Sunnydale attached hereto, and by reference made a part hereof as Exhibits A & B, respectively;  
(Names)

That as a result of said investigation, it is my opinion that Daniel Wier is either incompetent or careless.  
(Name of person)

Robert E Metz  
(Name)

SUBSCRIBED AND SWORN to before me this 30 day of Sept,

19 73.

George J. Shroyer  
NOTARY PUBLIC

My Commission Expires:

SWORN AFFIDAVIT

Exhibit \_\_\_\_\_

STATE OF ARIZONA )

County of \_\_\_\_\_ )

I, Robert E. Mesa, being first duly sworn

upon my oath, deposes and says:

I had said property, legally known as lot 2, Block H, Plat of Sunnyslope, book 4, page 54 survey by ~~#~~ William B. Shirley, R.L.S. #5705 showing lot stakes as 50 ft. by 25 ft. Said surveyor Daniel Wier L.S. 1476 surveyed lot 4 block H of Sunnyslope and made said lot 56' 3" instead of 50 ft. therefore claiming 6 foot of our property. When we tried to talk to Mr. Wier, he said he wouldn't speak to us. When I tried once more to contact him by phone he said he had nothing to say to us and slammed the phone down. Enclosed please find a plat plan of Sunnyslope which states all lots on said subdivision are 50 by 25'. When asked about monuments in the road Mr. Wier stated he doesn't use them. He stated this to our surveyor Mr. W. B. Shirley. Enclosed also find a copy of said survey.

I certify that the above statements are true and correct to the best of my knowledge and ability.

Robert E. Mesa  
NAME

SUBSCRIBED AND SWORN to before me this 30<sup>th</sup> day of Sept,

George J. Schwegler  
NOTARY PUBLIC

My Commission Expires: Dec-7, 1974

It was moved by Mr. Dryden and seconded by Mr. Wallace that any of the architectural members be authorized to attend the Western Region of the National Council of Architectural Registration Boards' meeting to be held at the Del Webb TowneHouse, Phoenix, March 6 thru 19, 1974.

Chairman Knickerbocker with distinct pleasure presented to Mr. Wyatt a plaque for his service as Chairman during 1972-1973, praising him for a job well done, and the entire Board gave their approval by a standing applause.

ADJOURNMENT

The Chairman adjourned the meeting at 3:30 P.M.

James L. Knickerbocker  
CHAIRMAN

Robert J. Wallace  
SECRETARY

## MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

February 4, 1974

The special meeting of the State Board of Technical Registration was called to order by Mr. James L. Knickerbocker, Chairman, in Room 315, 1645 W. Jefferson, Phoenix, Arizona, at 10:00 A.M.

PRESENT

James L. Knickerbocker, Chairman  
 M. L. Vanlandingham, Vice-Chairman  
 Robert G. Wallace, Secretary  
 Robert M. Bowsby  
 C. W. Dryden  
 John Girand  
 C. W. Newlin  
 Lew Place  
 Ralph L. Wyatt

ABSENTREPORT OF THE EXAMINATION COMMITTEES

The Engineering Examination Committee meeting report of January 15, 1974, was presented by Chairman Newlin as shown on Minute Pages 3310 through 3319.

It was moved by Dr. Newlin and seconded by Mr. Dryden that the above report of the Engineering Examination Committee meeting be accepted and implemented by the Board. Motion carried.

The Architectural Examination Committee meeting report of February 4, 1974, was presented by Chairman Wyatt as shown on Minute Pages 3320 through 3323.

It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that the above report of the Architectural Examination Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Bowsby regretted to report the Landscape Architectural examinations had not been reviewed by the committee, but reported that Mr. Guy Greene, professor of landscape architecture at the University of Arizona, was willing to accept the responsibility of grading the construction, design and plant material problems which he had cleared with the Dean of the school. Prof. Greene has graded the December examinations and the results would be available for the March meeting.

It was moved by Mr. Dryden and seconded by Dr. 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, as shown on Minute Pages 3324 and 3325. Motion carried.

DATE: February 1, 1974

TO: State Board of Technical Registration  
FROM: Engineering Examination Committee

The Engineering Examination Committee met on January 15, 1974, in Phoenix, Arizona, with the following members present:

John Girand  
James L. Knickerbocker  
C. W. Newlin  
Robert G. Wallace

The committee reviewed the examinations given in November, 1973, and recommends to the Board that the grades as shown on the pages following this report be so certified.

Mr. Knickerbocker explained the procedure used in qualifying applicants for the National Engineering Certificate Record issued by the National Council of Engineering Examiners and asked the committee whether they would accept the NEC Record in lieu of the completed application by applicants for registration in Arizona. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Evaluation Committee study this NEC Record further. Motion carried.

The committee recommends to the Board that this report be accepted and implemented.

Respectfully submitted,



C. W. Newlin, Chairman

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*[Faint, illegible table with columns and rows, likely bleed-through from the reverse side of the page]*



NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>AERONAUTICAL ENGINEERING</u>						
73-333	McCormick, Alton L., Jr.	Ex	Ex	F	F	
<u>CHEMICAL ENGINEERING</u>						
72-215	Ginand, Philip M.	Ex	Ex	F	P	
<u>CIVIL ENGINEERING</u>						
* 72-51	Adair, Edward A.	Ex	Ex	83	70	3,4
* 73-331	Adams, William P.	P	P	85	83	3,4
8770	Anderson, David C. (for record)	Ex	Ex	86	73	3,4
73-9	Atkinson, Charles H.	P	P	P	F	
72-431	Beene, James Ralph	P	P	P	F	
* 72-540	Bernero, Robert H.	Ex	Ex	79	80	3,4
70-58	Bertella, Guido J.	F	F	F	P	
73-14	Blakley, Ross D., Jr.	P	P	P	F	
73-113	Brase, Sidney H.	F	F	F	F	
8955	Burritt, Benjamin E. (for record)	74	73	P	P	1,2
72-615	Burruss, William T.	Ex	Ex	F	F	
* 73-362	Clymer, David C.	Ex	Ex	81	80	3,4
72-95	Dadisman, Lawrence D.	Ex	Ex	P	F	
72-279	Dale, Edward E.	Ex	Ex	70	F	3
70-311	Dalrymple, Guerry M.	F	F	F	P	
* 71-188	Damgaard, Kenneth K.	P	P	72	80	3,4
* 73-441	Davey, Earl Duane	Ex	Ex	88	74	3,4
* 72-651	DeWitt, Dennis LeRoy	P	P	P	73	4
72-357	Dossey, Ray	F	P	F	P	
* 72-634	Draeger, Thomas Reed	Ex	Ex	P	72	4
* 73-281	Drottar, Stephen F.	Ex	Ex	83	85	3,4
* 71-53	Dunlap, Barry A.	P	P	84	P	3
* 72-484	Eagar, Terry S.	P	P	88	76	3,4
* 72-527	Ebeltoft, Richard A.	Ex	Ex	75	P	3
70-406	Eychner, Richard M.	70	F	F	P	1
* 71-305	Fisk, William Howard	Ex	Ex	78	P	3
73-437	Fontes, Eugenio R.	P	P	F	F	
72-411	Fox, Delmar Eugene	P	P	P	F	
71-365	Francom, Paul Glen	P	P	79	F	3

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
*73-199	Franzoy, Carl Eugene	Ex	Ex	77	83	3,4
* 68-266	Frazier, Wilfred D.	Ex	Ex	72	P	3
73-72	Free, Roger Allen	72	F	F	F	1
73-392	Green, Donald Eugene	P	P	77	F	3
73-322	Hassett, Steven J.	Ex	Ex	F	80	4
* 73-220	Hatch, Joseph A., III	P	P	82	75	3,4
73-34	Hudson, John Thomas	F	71	F	F	2
72-458	Jacobs, Carley W.	Ex	Ex	P	F	
70-430	Jones, Jerry Ray	Ex	Ex	F	70	4
* 71-190	Kaminski, Daniel L.	Ex	Ex	P	74	4
69-270	Kirdar, Edib Ed	Ex	Ex	F	P	
* 73-59	Lieberman, Joel G.	Ex	Ex	72	P	3
* 73-137	Lind, Dwight	P	P	77	73	3,4
72-219	Louviere, Edward	F	F	70	F	3
73-261	Lynck, James L.	F	F	F	72	4
72-216	McFadden, Gene R.	Ex	Ex	Ex	F	
* 72-218	Madhok, Ashok K.	Ex	Ex	P	79	4
* 73-60	Malone, Estes F.	P	P	82	76	3,4
69-410	Mathein, Fredrick J.	F	F	P	P	
71-472	Matthews, Lawrence E.	P	P	F	F	
* 73-10	Maucher, Lawrence E.	P	P	82	83	3,4
* 73-398	Metheny, Gary R.	P	P	75	82	3,4
* 73-429	Moser, James F.	P	P	82	74	3,4
* 73-65	Nerison, John P.	Ex	Ex	88	89	3,4
72-654	Ondoy, Oscar S.	Ex	Ex	F	74	4
* 72-119	Osborn, Paul G.	Ex	Ex	81	P	3
* 72-568	Otterness, Terryl H.	Ex	Ex	79	P	3
* 72-505	Perslow, Johan A.	Ex	Ex	75	72	3,4
* 73-339	Peterson, Peter L., II	P	P	80	74	3,4
* 66-127	Raymo, William J.	P	P	79	P	3
* 69-217	Roose, James F.	Ex	Ex	77	P	3
70-363	Rupe, Robert W.	P	P	F	P	
* 72-41	Sanders, Lyle D., Jr.	Ex	Ex	P	79	4
* 73-1	Schick, Dennis F.	Ex	Ex	P	74	4
* 73-420	Schoenherr, Roger E.	P	P	75	82	3,4
72-453	Schmidt, Ernest	P	P	74	F	3

NO.	NAME	Part				Passed
		I	II	III	IV	
CIVIL ENGINEERING - Cont'd.						
*73-438	Smiley, Terry Nelson	Ex	Ex	84	81	3,4
*73-446	Soto, Edward M.	P	P	74	78	3,4
72-461	Stramandinoli, Francis E.	Ex	Ex	F	F	
73-389	Toscano, Gerald J.	Ex	Ex	F	F	
72-373	Wier, Michael P.	DNA	DNA	P	F	
*72-530	Winzer, Charles W., Jr.	Ex	Ex	78	70	3,4
*72-298	Wolan, John G.	Ex	Ex	80	82	3,4
73-38	Wong, Hong	Ex	Ex	P	F	
*73-12	Woolery, Robert G.	P	P	77	75	3,4
*72-574	Worthington, Henry W.	Ex	Ex	P	83	4
71-513	Yoder, Dan Samuel	Ex	Ex	74	F	3

## ELECTRICAL ENGINEERING

*73-279	Bajpai, Munnu	Ex	Ex	76	79	3,4
*72-454	Bolster, Paul D.	Ex	Ex	P	82	4
73-430	Fortney, Durward F.	71	F	Ext.	Ext.	1
*72-616	Griffin, Eugene H.	Ex	Ex	Ex	83	4
*70-85	Grommes, William K.	P	P	78	P	3
*73-233	Kipp, Karl John	Ex	Ex	82	87	3,4
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
*73-296	Miller, Robert L.	Ex	Ex	72	80	3,4
73-326	Nordholm, Lloyd P.	F	F	70	F	3
*72-389	Ormsby, Lester S.	Ex	Ex	P	79	4
*73-97	Rollstin, Gary R.	Ex	Ex	76	70	3,4
72-488	Schreiber, Martin B., Jr.	Ex	Ex	F	F	
71-214	Seiler, John	F	F	F	F	
*73-434	Stevens, Alexander M.	Ex	Ex	72	78	3,4
72-496	Valenzuela, Humberto	77	P	80	F	1,3
*72-11	Vogt, Philip Lee	Ex	Ex	76	P	3
*71-328	Wells, Walter E.	Ex	Ex	78	P	3
*72-35	Wilcox, Theodore W.	Ex	Ex	P	89	4

## GEOLOGICAL ENGINEERING

*73-18	Gillespie, John Dwayne	Ex	Ex	P	85	4
*73-372	Winters, Harry Joseph, Jr.	Ex	Ex	100	95	3,4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>HIGHWAY ENGINEERING</u>						
72-151	Beckham, Oscar M.	F	P	P	P	
68-21	Cantrell, Harvey G.	F	F	F	P	
66-295	Evans, James M.	Ex	Ex	F	P	
73-44	Key, Orin William	F	F	75	F	3
66-144	Minter, Charles B.	Ex	Ex	F	P	
70-413	Patty, John H.	F	F	F	P	
71-285	Saban, Johnny	F	F	F	F	
73-290	Snyder, Jack Duane, Sr.	F	F	73	F	3
72-542	Strouse, David F.	F	F	F	P	
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	P	

INDUSTRIAL ENGINEERING

* 72-410	Khanna, Hari N.	P	P	70	70	3,4
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MECHANICAL ENGINEERING

* 73-404	Allredge, Antonie D.	Ex	Ex	79	81	3,4
73-104	Arrigo, Anthony J.	Ex	Ex	F	F	
72-536	Baltes, Robert T.	Ex	Ex	F	F	
* 73-386	Baltzer, Ronald Thomas (1 & 2 for record)	78	72	84	73	1,2,3,4
* 70-348	Bassett, Robert Lee	70	70	P	P	1,2
* 73-442	Bufkin, William J.	P	P	83	84	3,4
* 73-344	Delp, John Noel	P	P	72	70	3,4
71-438	Dennis, Richard H.	P	P	F	F	
72-352	Fromm, Richard G.	P	P	F	P	
* 73-391	Gelling, Douglas C.	Ex	Ex	80	76	3,4
73-142	Gomez, Paul Ruiz	P	P	73	F	3
73-294	Guenther, Jonathan P.	Ex	Ex	79	F	3
71-279	Haak, Charles E.	F	P	F	P	
72-599	Hoffarth, Richard C.	P	P	F	F	
72-354	John, James C.	F	F	70	P	3
73-258	Karroum, Joseph G.	Ex	Ex	F	F	
72-465	Leivian, Robert J.	Ex	Ex	F	P	
70-432	Miller, Marion E.	F	F	F	P	
* 73-292	Noe, Dan Andrew	Ex	Ex	80	77	3,4
* 73-327	Price, William F.	Ex	Ex	73	86	3,4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<b>MECHANICAL ENGINEERING - Cont'd.</b>						
* 73-355	Rambo, Steven Lee	Ex	Ex	80	77	3,4
73-144	Sampson, Walter E.	Ex	Ex	87	F	3
72-614	Schmitz, Frederick J.	Ex	Ex	F	P	
73-356	Watson, William Earl	Ex	Ex	F	F	
* 72-655	Wood, Byard Dean	Ex	Ex	81	77	3,4

<b>MINING ENGINEERING</b>						
72-611	Dugan, Doyle J.	F	F	F	84	4
* 72-513	Krebs, David E.	Ex	Ex	P	78	4
* 71-306	Littrell, Jimmie A.	Ex	Ex	82	P	3
73-108	Robles, Manuel A.	Ex	Ex	F	84	4
* 72-435	Summers, David M.	Ex	Ex	P	80	4

<b>SANITARY ENGINEERING</b>						
72-660	Erickson, Charles T.	Ex	Ex	F	77	4
* 73-346	Morea, Claudia R.	Ex	Ex	70	73	3,4

<b>STRUCTURAL ENGINEERING</b>								
		Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
* 73-139	Dani, Bruce N.	Ex	Ex	Ex	Ex	79	70	5,6
* 72-618	Henderson, Walter E.	Ex	Ex	Ex	Ex	72	P	5
73-470	Lee, Ray C.	Ex	Ex	73	75	F	83	3,4,6
73-352	Locke, James Donald	Ex	Ex	70	F	F	F	3
* 73-301	Nerison, John P.	Ex	Ex	Ex	Ex	85	81	5,6
73-40	Ochoa-Romero, Ramon B.	Ex	Ex	70	P	F	F	3
* 73-2	Schick, Dennis F.	Ex	Ex	P	74	P	P	4
* 73-291	Yu, Man Chiu	Ex	Ex	Ex	Ex	79	72	5,6

<b>GEOLOGY</b>						
		Part I	Part II	Part III	Part IV	Passed
* 73-232	Bollin, Edgar M.	Ex	Ex	71	70	3,4
* 73-70	Briscoe, James A.	Ex	Ex	76	90	3,4
69-198	Freeman, Gilbert N.	Ex	Ex	F	P	
72-511	Shearer, Joseph E.	Ex	Ex	F	F	

NO.	NAME	Part		Passed		
		I	II			
<b>ASSAYING</b>						
*73-276	Lehmbeck, William L.	70	77	1,2		
*73-411	Roberts, Wilbert R.	83	72	1,2		
*73-64	Thompson, Charles E.	74	86	1,2		
<b>LAND SURVEYING</b>						
		Part I	Part II	Part III	Part IV	Passed
*72-358	Albert, Adow D.	P	P	P	78	4
72-419	Bedford, Dennis W.	F	F	P	76	4
73-295	Boling, Oscar C.	Ex	Ex	F	F	
73-107	Brown, James A.	87	85	F	F	1,2
73-71	Carlson, Lonny B.	70	79	F	F	1,2
72-250	Cocio, Eddie Y.	F	76	F	F	2
71-405	Coggin, Horace M.	81	83	F	F	1,2
72-653	Engle, Thomas E.	F	P	F	F	
71-148	Garcia, Ernest G.	F	81	F	P	2
70-289	Hendrix, Robert	F	76	F	P	2
*72-266	Holdread, Stephen W.	P	89	P	78	2,4
73-366	Hurst, Timothy J.	73	96	F	76	1,2,4
70-383	Knighten, Howard H., Jr.	P	70	F	P	2
*70-313	Kuder, Sam Lee	73	P	P	P	1
71-407	Morey, Donald A.	P	F	P	P	
*70-124	Ott, Wallace R.	73	100	P	P	1,2
*73-400	Passarelli, Grege A.	85	98	73	70	1,2,3,4
72-128	Pellow, Stanley C., Jr.	P	94	F	F	2
71-281	Pidskalny, Robert A.	F	F	F	F	
73-91	Remington, James E.	F	F	F	F	
*72-604	Ringwald, Bruce R.	84	98	73	P	1,2,3
*70-448	Rodriguez, Fred	P	89	P	P	2
*70-285	Smith, Howard H.	P	98	P	P	2
72-628	Smith, Romain H.	F	F	F	F	
70-238	Stinard, Donald I.	P	F	P	P	
*72-452	Streich, Richard E.	75	P	P	73	1,4
69-77	Torres, Alfonso	P	F	P	F	
*73-66	Wagoner, Robert R.	82	98	73	86	1,2,3,4
*72-371	Wolf, Lloyd A., Jr.	P	P	70	70	3,4
71-313	Woolery, Robert C.	Ex	Ex	F	P	
73-343	York, Edward M.	72	79	F	F	1,2

NO.	NAME	Grade
ENGINEER-IN-TRAINING		
73-89	Agarwal, Vidya Prakash	78
73-48	Beebe, Gary G.	F
73-120	Boesch, Gary Wayne	78
73-119	Brendel, Lance G.	77
73-134	Britten, Michael James	71
73-55	Brugman, Paul	76
73-144	Coraggio, Louis	82
73-116	Creager, Michael Alex	71
73-100	Dill, Joyce	87
72-8	Donaldson, George	F
73-108	Edwards, Ernest F., Jr.	F
73-136	Enriquez, Eduardo S.	72
73-135	Enriquez, Lucille Ann	81
72-90	Fleming, Peter	72
73-132	Fredrickson, Thomas Owen	83
72-105	Frey, Calvin R.	75
73-140	Ginn, Mickey M.	F
73-128	Graves, Albert Lynn	80
73-93	Gray, Peter E., Jr.	76
73-10	Harn, Paul A.	74
73-143	Heistermann, Edward C., Jr.	71
73-34	Hovey, Larry C.	75
72-86	Hutson, Ronald C.	F
73-102	Joudeh, Jan Leslie	76
73-104	Kahl, John S.	80
72-149	Kuka, Tommy Joe	75
73-112	Langer, Larry Lewis	86
73-118	Lank, Mark Jeffrey	76
72-99	Lawrence, Becky Sayre	72
73-123	Lee, Fred Doeleong	73
66-44	McCassalin, Wade L.	F
72-60	McLain, James Kenton	F
73-65	McLean, Thomas M.	77
73-87	McNulty, Raymond J.	F
73-86	Mahnke, Stephen Allen	70
73-29	Malouf, Ibrahim A.	F

NO.	NAME	Grade
<u>ENGINEER-IN-TRAINING</u>		
73-129	Markle, Dennis George	84
73-133	Martin, Thomas L.	81
73-11	Mastin, Richard A.	F
73-122	Matthews, Gary David	75
72-132	Moore, Eric Gregory	80
73-142	Morgan, Raymond Dale	78
72-110	Morris, Benjamin Franklin, Jr.	F
73-90	Moya, Moses David, Jr.	F
73-68	Mullenbach, Arnold Dean	75
73-16	Myron, Alfred T.	72
73-105	Nelson, Michael King	83
73-127	Nishkian, Levon Hall	F
73-121	Orr, Thomas R.	76
73-98	Patel, Ashok C.	71
73-138	Prusien, Joseph P.	F
71-28	Roberts, S. Von	F
73-130	Robbins, Joseph S., III	85
73-91	Rose, Bryant Ray	F
72-140	Sawyer, Thomas Curtis	75
73-109	Schoknecht, William Edward	85
73-11	Scott, Edward Alex	78
73-96	Shields, Clarence Robert	F
73-107	Siders, Paul E.	70
73-97	Sills, Billy Wayne	F
73-141	Simmerman, Gary L.	72
73-137	Smith, John Edward	72
73-101	Smith, Karen C.	79
73-103	Sonnemann, Thomas Edward	79
73-39	Spengler, Robert J.	F
73-110	Stephens, Ronald M.	78
73-99	Sullivan, Paul Eugene	F
72-127	Swan, Jeffrey A.	F
73-85	Turner, James A.	81



NO.

NAME

## ENGINEER-IN-TRAINING

Grade

73-88	Vallelonga, Robert Eugene	72
72-141	Varela, Richard J.	72
73-106	Vasquez, Frank M.	72
73-113	Veirup, Anton Raymond	80
72-153	Waeschle, Patricia M.	71
73-126	Wilson, Don Adam	79
73-114	Wolfe, Dennis Dean	89
73-125	Wright, Michael Terrill	71
73-117	Young, Benny J.	82

I hereby certify that the grades as shown on the pages following are correct.

I also recommend to the Board that this report be accepted.



03320

DATE: February 4, 1974

TO: State Board of Technical Registration  
FROM: Architectural Examination Committee

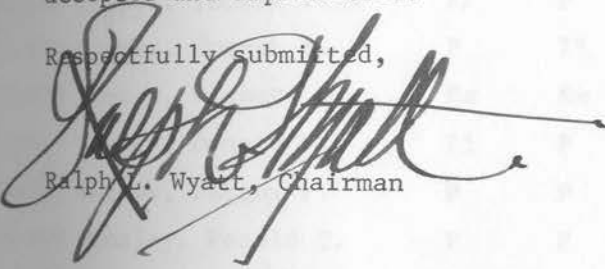
The Architectural Examination Committee met on February 4, 1974, at 8:30 A.M., in Phoenix, Arizona, with the following members present:

M. L. Vanlandingham  
Ralph L. Wyatt

The committee reviewed the examinations given in December, 1973, and recommends to the Board that the grades as shown on the pages following this report be so certified.

The committee also recommends to the Board that this report be accepted and implemented.

Respectfully submitted,

  
Ralph L. Wyatt, Chairman

Professional Exam

Name	Grade
David	Pass
	Pass
	Fail
	Pass
	Fail
	Fail
	Fail
	Fail
	Pass
	Pass
	Pass

ARCHITECTS  
(Under Old Rules)

03321

No.	Name	C	D	E	F	G	H	I	Passed
72-186	Bassett, Richard S.	P	P	P	F	F	P	75	I
71-76	Campbell, Ian D.	P	P	P	P	F	P	P	
72-103	Goracides, Basilio B.	P	P	P	DNA	75	F	F	G
* 72-165	Dastan, Iraj	P	75	P	P	P	P	P	D
* 72-270	Freitas, Michael D.	P	75	P	P	P	P	P	D
* 72-469	Honanie, Gilbert, Jr.	P	P	P	76	76	P	78	F,G,I
72-470	Huber, Delane C.	P	P	P	P	F	P	P	
* 69-150	Jaggers, Philip F.	P	P	75	P	P	P	P	E
* 71-220	Kellum, Charles E.	75	P	P	P	P	P	P	C
* 71-399	Kouts, Arthur C.	P	P	P	P	75	P	P	G
* 72-344	Liebi, Eric T.	P	P	P	75	75	P	P	F,G
* 72-427	McClure, Joseph E.	P	75	75	P	P	P	P	D,E
70-338	Miller, Thomas P.J.	77	P	P	P	F	P	P	C
* 71-397	Powers, Joseph M.	P	75	P	P	P	P	P	D
* 73-209	Scacco, Richard A.	Ex	Ex	75	Ex	Ex	Ex	Ex	E
* 67-81	Tachuk, Donald M.	75	P	P	P	P	P	P	C
* 70-409	Warner, Fergus P.	P	P	75	P	75	P	P	E,G
66-199	Wonsley, Ronald C.	P	P	P	P	F	P	P	

ARCHITECTS  
(Under New Rules)

No.	Name	Professional Exam
* 73-51	Bagg, Carter Davis	Pass
* 73-584	Barnes, Linda Lee	Pass
73-216	Bell, Robert Michael	Fail
73-591	Bender, Bert L.	Pass
71-414	Biddle, Warren Robert	Fail
73-602	Bisch, Craig William	Pass
73-583	Bobbett, James Paul	Fail
73-636	Boyajian, William Michael	Fail
* 73-211	Brock, Daniel Wesley, III	Pass
73-336	Brozek, Christoph	Pass
* 73-163	Bruder, William Paul	Pass

ARCHITECTS  
(Under New Rules)

03322

No.	Name	Professional Exam
* 73-48	Chapman, James Michael	Pass
* 73-49	Chapman, John Allen	Pass
73-117	Crowdus, Jon Charles	Pass
73-84	Dixon, Charles W.	Pass
73-425	Dixon, Lucille Jones	Fail
73-165	Eddy, Douglas Mann	Pass
* 73-162	Erickson, Bruce Tor	Pass
73-168	Essley, Ronald Leonard	Fail
72-558	Foell, Richard Paul	Pass
72-135	Fraunhoffer, Herman J.	Fail
* 73-488	Freudig, Gordon Frederick	Pass
* 73-178	Fronske, Robert Dean	Pass
73-631	Garrison, James Walter	Pass
* 73-50	Greenhaw, Joe Edwin	Pass
73-264	Hatfield, Ray Allen	Pass
73-204	Haughey, Wilfrid Henry, III	Pass
* 73-77	Hubartt, William Dean	Pass
73-183	Hileman, Mark McBride	Pass
* 73-187	Hite, Ralph Mason, III	Pass
73-175	Hofmann, Jack Templin	Pass
73-31	Hubiak, John	Pass
73-179	James, Michael Evan	Pass
73-186	James, Michael Peter	Pass
73-505	Jolly, David James	Fail
* 73-181	Klien, Wolfgang Josef	Pass
71-318	Kopecek, Josef Robert	Fail
* 73-208	Kubicek, Robert W.	Pass
* 73-601	Lloyd, John Stephen	Pass
72-441	Lovchik, Lily Wong	Fail
73-248	Luera, Frank Santos	Fail
73-185	Lussier, Rick Gene	Fail
73-54	McCarthy, Brian Patrick	Pass
73-157	Madole, Howard Marion	Fail
73-172	Mah, Jerry Kwok	Fail
* 73-156	Norstrom, Randall Raymond	Pass

ARCHITECTS  
(Under New Rules)

03323

No.	Name	Professional Exam
73-118	Numkena, Dennis C.	Fail
73-212	Podolsky, William T.	Fail
* 73-182	Reece, Richard Allen, Jr.	Pass
73-637	Reymer, Michael George	Pass
73-207	Reynolds, Gary Don	Fail
73-253	Richardson, William H.	Fail
73-408	Rosamond, Vernon E., Jr.	Pass
* 73-166	Seaver, Douglas Lee	Pass
* 73-116	Shay, Howell Lewis, III	Pass
73-167	Shelor, Michael Edward	Fail
73-88	Simpson, Veldon	Pass
73-571	Snapp, Alan Harvey	Pass
73-210	Sweet, Arthur Gordon	Pass
73-170	Tubbs, H. James	Fail
73-174	Tuinstra, Michael Alan	Pass
73-86	Valenzuela, Rafael L.	Pass
73-250	Van Voorhis, Standish, Jr.	Fail
* 73-119	Wallace, Duane Harry	Pass
* 73-169	Ward, James Owen	Pass
72-646	White, Bryon Gene	Pass
73-578	Whitneybell, Douglas Theron	Pass
72-519	Wilcox, Roger Michael	Pass
73-158	Wright, Richard Sefton	Pass
* 73-487	Wyatt, Burke Bond	Pass
* 73-249	Yantzer, Robert Douglas	Pass
* 73-161	Zinn, James A., Jr.	Pass

Continued...

CIVIL ENGINEERING

Adair, Edward Allain	9349
Adams, William Pearson	9350
Bernero, Robert Henry	9351
Clymer, David C.	9352
Damgaard, Kenneth Klausen	9353
Davey, Earl Duane	9354
DeWitt, Dennis LeRoy	9355
Draeger, Thomas Reed	9356
Drottar, Stephen Frederick	9357
Dunlap, Barry Allen	9358
Eagar, Terry Sherwood	9359
Ebeltoft, Richard Allen	9360
Fisk, William Howard	9361
Franzoy, Carl Eugene	9362
Frazier, Wilfred D.	9363
Hatch, Joseph Austin, III	9364
Kaminski, Daniel Leonard	9365
Lieberman, Joel Gilbert	9366
Lind, Dwight	9367
Madhok, Ashok Kumar	9368
Malone, Estes Fowler	9369
Maucher, Lawrence Edward	9370
Metheny, Gary Robert	9371
Moser, James Frederick	9372
Nerison, John P.	9373
Osborn, Paul Gordon	9374
Otterness, Terry Harlan	9375
Perslow, Johan Anders	9376
Peterson, Peter Louis, II	9377
Raymo, William James	9378
Roose, James Frederick	9379
Sanders, Lyle David, Jr.	9380
Schick, Dennis Francis	9381
Schoenherr, Roger E.	9382
Smiley, Terry Nelson	9383
Soto, Edward Monriguez	9384
Winzer, Charles Wesley, Jr.	9385
Wolan, John Gregory	9386
Woolery, Robert Crow	9387
Worthington, Henry Wilson	9388

ELECTRICAL ENGINEERING

Bajpai, Munnu	9389
Bolster, Paul D.	9390
Griffin, Eugene Howard	9391
Crommes, William Kelly	9392
Kipp, Karl John	9393
Miller, Robert Leon	9394
Ormsby, Lester S.	9395
Rollstin, Gary Raymond	9396
Stevens, Alexander Michael	9397
Wagt, Philip Lee	9398

ELECTRICAL ENGINEERING - Cont'd.

Wells, Walter Edwin	9399
Wilcox, Theodore Wallace	9400

GEOLOGICAL ENGINEERING

Gillespie, John Dwayne	9401
Winters, Harry Joseph, Jr.	9402

INDUSTRIAL ENGINEERING

Khanna, Hari Narayan	9403
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MECHANICAL ENGINEERING

Alldredge, Antoine Don	9404
Baltzer, Ronald Thomas	9405
Bassett, Robert Lee	9406
Bufkin, William John	9407
Delp, John Noel	9408
Gelling, Douglas Charles	9409
Noe, Dan Andrew	9410
Price, William Frederick	9411
Rambo, Steven Lee	9412
Wood, Byard Dean	9413

MINING ENGINEERING

Krebs, David Emil	9414
Littrell, Jimmie Arnold	9415
Summers, David Messinger	9416

SANITARY ENGINEERING

Morea, Claudia Rae	9417
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STRUCTURAL ENGINEERING

Dani, Bruce Nathaniel	9418
Henderson, Walter Eugene	9419
Nerison, John P.	9420
Schick, Dennis Francis	9421
Yu, Man Chiu	9422

GEOLOGY

Bollin, Edgar Marshall	9423
Briscoe, James A.	9424

ASSAYING

Lehmbeck, William LeRoy	9425
Roberts, Wilbert Richard	9426
Thompson, Charles Emmett	9427

LAND SURVEYING

Albert, Adow Deygher	9428
Holdread, Stephen W.	9429
Kuder, Sam Lee	9430

Continued.....

LAND SURVEYING - Cont'd.

Ott, Wallace Robert	9431
Passarelli, Grege Alexander	9432
Ringwald, Bruce R.	9433
Rodriguez, Fred	9434
Smith, Howard Hughes	9435
Streich, Richard E.	9436
Wagoner, Robert Reighton	9437
Wolf, Lloyd Arthur, Jr.	9438

ARCHITECTURE - Cont'd.

Kubicek, Robert W.	9452
Lloyd, John Stephen	9453
Norstrom, Randall Raymond	9454
Reece, Richard Allen, Jr.	9455
Seaver, Douglas Lee	9456
Shay, Howell Lewis, III	9457
Wallace, Duane Harry	9458
Ward, James Owen	9459
Wyatt, Burke Bond	9460
Yantzer, Robert Douglas	9461
Zinn, James A., Jr.	9462
Dastan, Iraj	9463
Freitas, Michael Dennis	9464
Honanie, Gilbert, Jr.	9465
Jaggers, Philip Fremont	9466
Kellum, Charles E.	9467
Kouts, Arthur Cecil	9468
Liebi, Eric Trenton	9469
McClure, Joseph Edwin	9470
Powers, Joseph Michael	9471
Scacco, Richard Anthony	9472
Tachuk, Donald M.	9473
Warner, Fergus P., Jr.	9474

ARCHITECTURE

Bagg, Carter Davis	9439
Barnes, Linda Lee	9440
Brock, Daniel Wesley, III	9441
Bruder, William Paul	9442
Chapman, James Michael	9443
Chapman, John Allen	9444
Erickson, Bruce Tor,	9445
Freudig, Gordon Frederick	9446
Fronske, Robert Dean	9447
Greenhaw, Joe Edwin	9448
Hite, Ralph Mason, III	9449
Hubartt, William Dean	9450
Klien, Wolfgang Josef	9451

It was moved by Dr. Newlin and seconded by Mr. Place that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Agarwal, Vidya Prakash	1270	Myron, Alfred T.	1278
Frey, Calvin R.	1271	Patel, Ashok C.	1279
Gray, Peters E., Jr.	1272	Sawyer, Thomas Curtis	1280
Harn, Paul A.	1273	Schoknecht, William Edward	1281
Kuka, Tommy Joe	1274	Siders, Paul E.	1282
Mahnke, Stephen Allen	1275	Vallelonga, Robert Eugene	1283
Matthews, Gary David	1276	Varela, Richard J.	1284
Morgan, Raymond Dale	1277	Waeschle, Patricia M.	1285

UNFINISHED BUSINESS

The letters from the Personnel Division regarding salaries were presented to the Board as shown on Minute Pages 3326 and 3327.

It was moved by Mr. Girand and seconded by Mr. Dryden that the Executive Director request a written opinion from the Attorney General as to the legal authority for the Department of Administration, Personnel Division, concerning first the status of the Board, because of its self-supporting nature, and second, the legal basis for the Department of Administration, Personnel Division, to overrule this Board's decision with respect to the evaluation of the technical competence of people employed by this Board. Motion carried.

DEPARTMENT OF ADMINISTRATION  
PERSONNEL DIVISION

03326

STATE OF ARIZONA

1831 WEST JEFFERSON - PHOENIX, ARIZONA 85007

JACK WILLIAMS  
GOVERNOR

RAYMOND S. LONG  
DIRECTOR

HAROLD C. BENNETT  
ASSISTANT DIRECTOR

RECEIVED

JAN 14 1974

STATE BOARD TECHNICAL REGISTRATION

January 11, 1974

Mr. James L. Knickerbocker, Chairman  
State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Dear Mr. Knickerbocker:

The Personnel Division has carefully reviewed your request to recommend funding for a higher salary range for fiscal year 1974-75 for the exempt position of Technical Registration Board Executive Director.

After a review of all of the information submitted and obtained from other sources, the Personnel Board is recommending to the Legislature that the salary for the position of Technical Registration Board Executive Director be approved at the level of State Service Pay Grade 021, \$15,833 - \$21,540 to be effective July 1, 1974. This is approximately the same salary level that was recommended for this fiscal year.

We were unable to comply with your request to recommend a higher range of pay for this job because in a comparison with other Arizona State agency director positions this position is most similar in responsibility for staff and operating budget to other agencies that are presently or will be in the same salary bracket. We also have no salary information that would indicate that our salary is low in comparison with like jobs in other states whose programs would be similar in scope to ours.

Our recommendation does, however, include an across-the-board economic adjustment of 6.75% which hopefully will be approved by the Legislature.

Sincerely,

*Robert L. Ball*  
Robert L. Ball

Manager, Program Unit



AN EQUAL OPPORTUNITY EMPLOYER



DEPARTMENT OF ADMINISTRATION  
PERSONNEL DIVISION

1831 WEST JEFFERSON - PHOENIX, ARIZONA 85007

03327  
STATE OF ARIZONA

JACK WILLIAMS  
GOVERNOR

RAYMOND S. LONG  
DIRECTOR

HAROLD C. BENNETT  
ASSISTANT DIRECTOR

January 24, 1974

Mr. E. G. Drewry  
State Board of Technical Registration  
1645 West Jefferson  
Phoenix, AZ 85007

Dear Mr. Drewry:


This is in response to your request of January 8, 1974, concerning reclassification of the position occupied by Joyce L. Smith.

We recognize that she is a valued employee and that her job involves many rules, methods and procedures in the registration of engineers, architects, geologists, etc.

In reviewing this position we considered it from the view point of assistant to the Director coupled with the responsibilities for administering examinations to applicants and assisting the Board. However, our review indicates that the predominant duties and responsibilities are secretarial and clerical in nature.

In addition this position was compared to related positions in the State Service and it was compared to the class specifications for the secretarial series. Although, we appreciate your concern for a valued employee, in our best judgment the comparison made of duties and responsibilities indicate that the position is properly allocated as a Secretary I and that no change should be recommended at this time.

Sincerely,

  
Ronald A. Hernes  
Manager, Operations Unit



STRUCTURAL ENGINEERS ASSOCIATION OF ARIZONA  
03328  
NEW BUSINESS

House Bill 2005 establishing the Department of Commerce was presented to the Board. Mr. Girand suggested that the Board take an official position on this bill.

It was moved by Mr. Dryden and seconded by Mr. Place that the Board go on record as opposing House Bill 2005. Motion carried.

Discussion followed as to how the above action by the Board could be implemented, such as to hiring a lawyer or other pertinent people to lobby this opposition.

Dr. Newlin suggested we prepare a letter and mail it to the appropriate people and also as individuals relay the Board's feelings, especially that we wish to exclude the Board of Technical Registration from House Bill 2005.

Mr. Girand suggested the Chairman appoint an ad-hoc committee to prepare this letter, prior to the 15th of the month, outlining why we want to get out from under this bill, and have a telephone poll of all Board members for approval of this letter. After discussion as to who should be on this committee, it was moved by Mr. Girand and seconded by Mr. Bowsby that the Chairman and the Executive Director prepare a draft letter for approval by telephone meeting for distribution. Motion carried.

The Chairman suggested the following distribution:

- The Chairman of the Committee on Commerce & Industry
- All committee members of this Committee
- AIA, ASPE, Consulting Engineers Association
- All other professional & technical organizations within the disciplines involved with this Board
- The news media

An amendment to House Bill 2005 giving this Board injunctive powers was presented to the Board. Mr. Dryden stated he felt that this has been needed for many years.

Mr. Drewry reported that Bob Pickrell, lobbyist for the AIA, had contacted him and regardless of the fate of House Bill 2005 they would like this amendment to be applied to the Technical Registration Act.

Dr. Newlin suggested that when relaying to Mr. Pickrell of the Board's support that the Executive Director suggest the Government Activities Committee to introduce the bill.

House Bill 2059 was presented to the Board regarding subdivision plats which added the words "registered Land Surveyor." It was the concensus of the Board that, as written, it was alright, and to advise Jim Skelly of their opinion.

Letter from Robin E. Parke, President, Structural Engineers Association of Arizona, was presented as shown on Minute Page 3329.

It was moved by Dr. Newlin and seconded by Mr. Girand that the Board reply to Mr. Parke's letter simply by referring to A.R.S. 32-125. Motion carried.

Letter from Design Sciences, Inc., was presented as shown on Minute Pages 3330 and 3331.

## STRUCTURAL ENGINEERS ASSOCIATION OF ARIZONA

PHONE: (602) 266-4926

3625 NORTH 16TH STREET

PHOENIX, ARIZONA 85016



WILLIAM A. SAWYER  
EXECUTIVE SECRETARY

January 28, 1974

Arizona State Board of Technical Registration  
1645 West Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Sirs:

As you know, the City of Phoenix adopted a Special Structural Inspection Certificate that must be signed by the Engineer or Architect who prepared the Structural Calculations.

It has been brought to the attention of the Structural Engineers Association that a number of our members have been signing this certificate, but the persons doing the inspection have not been employed directly by the Professional who signed and stamped the certificate.

It is the unanimous opinion of the State Board of Trustees of the Structural Engineers Association that this is in direct violation of the Registration Act, in that it is analogous to a registrant who reviews a non-registrant's drawings and then seals the said reviewed drawings. It is further our opinion that all work that an Architect or Engineer performs must be prepared by him or his bona fide employee.

Would you please send us a written ruling on this matter so we can notify our membership of proper action in this matter of inspection. Enclosed is a copy of the City of Phoenix Special Inspection Certificate. Thank you very much for your assistance.

Very truly yours,

Robin E. Parke  
President, Structural Engineers  
Association of Arizona

REP:mjg  
Enc.

cc: Mr. Ted Drewry  
Arizona State Board of Technical Registration

*Also who is considered a bona fide  
employee?*

RECEIVED

03330

January 30, 1974

FEB - 4 1974

STATE BOARD TECHNICAL REGISTRATION

Architects • Engineers • Planners

El Centro • La Mesa • Tempe

444 SOUTH EIGHTH STREET

POST OFFICE BOX 782

EL CENTRO, CA. 92243

714-352-6651

Mr. Edward Durrey, Executive Secretary  
 State Board of Technical Registration  
 1645 West Jefferson  
 Phoenix, AZ 85007

Dear Mr. Durrey:

I am writing this in response to our telephone conversation of this afternoon concerning the interpretation of the Code of the State Board of Technical Registration. My question, if you recall, was: "Are people providing engineering services for agricultural development exempt from the Code?".

There are at least two (2) people in the State of Arizona posing as agricultural developers that are, in my opinion, providing the services of an engineering firm under the guise of developers. Their services are as follows:

1. LAND LEVELING

- a. Provide topographic survey work
- b. Design irrigation slopes based on soil permeability, stratification and economics
- c. Calculate quantities of earth for excavation and embankment
- d. Provide the land owner with construction drawings for the project and bidding data
- e. Inspect the work after the earthmoving contractor has finished for conformancy with the design

2. CONCRETE IRRIGATION CANALS

- a. Provide topographic survey
- b. Design elevations, slopes, and canal hydraulics
- c. Calculate quantities of earth for excavation and embankment
- d. Provide the owner with construction drawings and bidding data

I feel that these people are performing engineering work and that their clients are not being given the work of a professional.

The projects vary of course, but the project we discussed near Gila Bend will consist of some 10,000 acres this year with more in the future. The ranch consists of some 60,000

Virgil C. Bryant, Engineer, F. ASCE  
 William K. Jenle, Architect, A.I.A.  
 Lloyd G. Jefferies, Engineer, F. ASCE  
 G. B. Phillips, Jr., Engineer, M. ASCE  
 A. Wayne Smith, Land Planner  
 Jean R. Benneche, Architect, A.I.A.  
 James J. Smith, Architect, A.I.A.  
 Merle Strum, Consulting Mech. Eng.

Mr. Edward Durrey  
January 30, 1974  
Page 2

acres of which 18,000 is under cultivation. With development costs of \$500 - \$800 per acre, project costs are substantial.

I feel that a project of this magnitude should be designed by professionals. Although health and safety may not be significant, it seems that an investment of this magnitude should justify adequate protection against sub-professionals working in a professional environment.

If I may be of service, please do not hesitate in contacting me.

Very truly yours,

DESIGN SCIENCES INCORPORATED



William L. Riddle

WLR/djv

NEW BUSINESS - Cont'd.

It appeared from the letter that the property involved was under private ownership and it was moved by Mr. Vanlandingham and seconded by Mr. Girand that the Executive Director reply to Mr. Riddle, referring to A.R.S. 32-144(5), there is no problem if the project is for the owner's use and not for sale, rental or use by the public. Motion carried.

Mr. Drewry requested the Board's direction regarding a letter from the California Board which suggested the name of an investigator for possible hire to investigate a complaint on file. The Board gave their unanimous approval to contact this investigator.

Mr. Drewry related to the Board the Governor's request for curtailing the use of gas by the various agencies and had responded that possibly the Board would consider holding all their meetings in Phoenix since more Phoenix members were involved. It was moved by Mr. Dryden and seconded by Mr. Girand that we hold the Board meeting in Tucson on March 15th as originally scheduled. Motion carried.

Mr. Drewry presented a request from the Governor's Office to cooperate and assist Mrs. McClennen in rewriting our Rules and Regulations in accordance with a new numbering system as all the Rules and Regulations of all the agencies will be filed in one volume with the Secretary of State for easier access to the public. This is to be filed with the Secretary of State by July 31, 1974, and will require this Board to hold a public hearing prior to May 31, 1974. It was moved by Mr. Girand and seconded by Mr. Wallace that we do it. Motion carried.

ADJOURNMENT

The Chairman adjourned the meeting at 12:30 P.M.

James L. Knickerbocker  
CHAIRMAN

Robert J. Wallace  
SECRETARY

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

A telephone meeting of the Board was held on March 6, 1974, and the following members were contacted:

- |                        |                     |
|------------------------|---------------------|
| Robert M. Bowsby       | Lew Place           |
| Charles W. Dryden      | M. L. Vanlandingham |
| John Girand            | Robert G. Wallace   |
| James L. Knickerbocker | Ralph L. Wyatt      |
| G. W. Newlin           |                     |

As directed at the special meeting of the Board on February 4th, a draft letter was circulated to all Board members for approval.

It was moved by Mr. Wyatt and seconded by Mr. Bowsby that the letter to Rep. H. Thomas Kincaid, Chairman of the Commerce & Industry Committee, as shown on Minute Pages 3334 and 3335, be sent to him and all others as directed at the February meeting. Motion carried.

James L. Knickerbocker  
 CHAIRMAN

Ralph L. Wyatt  
 SECRETARY

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION  
1645 W. Jefferson, Ste. 315  
Phoenix, Arizona 85007

March 8, 1974

Rep. H. Thomas Kincaid, Chairman  
Commerce & Industry Committee  
House of Representatives  
State Capitol  
Phoenix, Arizona 85007

Dear Rep. Kincaid:

At a recent meeting, the Board discussed H.B. 2005 and the amendment, dated February 11, 1974.

This Board is not merely an advisory body, but is highly functional inasmuch as the members evaluate the professional qualifications to decide on appropriate action concerning each applicant with regard to a license to practice in Arizona, and thereby ensure the safety of the public through competent design of buildings and structures throughout the State.

To perform this action with a minimum number of meetings, the Board depends on its executive director and staff to assemble information from references, universities, present and previous employers, and, in the case of applicants from other states, to get a complete report from other state boards. This requires staff personnel in charge of application files to be familiar with every detail from receipt of the application to a point where a summary of all information can be typed for review by the executive director prior to evaluation by the Board.

For the six professions and the division of engineering into 16 branches, it is possible to give nearly 70 different four-hour examinations, twice each year, requiring a detailed knowledge and record of the status of each candidate at all times.

The Board is self-supporting and no monies other than those collected from application fees, examining fees and license fees, as determined by the Board from time to time, are required to carry out the various



Rep. H. Thomas Kincaid, Chairman  
Commerce & Industry Committee

- 2 -

March 8, 1974

activities of this Board. License renewals for registrants paying by December 31 are printed by the State EDP Department, but payments must first be recorded and receipts mailed to show current status. Delinquent collections are not practical except by manual follow-up methods.

The purpose of this explanation is to show the necessity for maintaining continuous highly specialized personnel to provide the Board with complete factual information for its decisions and to furnish the regulatory services required by law, including investigations and hearings to suspend or revoke licenses if negligence, incompetence or other violations are proven.

It is the opinion of the Board that its staff must be kept intact and that the attendance additional costs assigned to us by the proposed new agency would not result in a more effective service to the public nor to the applicants and registrants under jurisdiction of this Board.

It is, therefore, respectfully requested that the State Board of Technical Registration be excluded from the provisions of H.B. 2005.

Sincerely,

ARIZONA STATE BOARD OF  
TECHNICAL REGISTRATION

/s/ J.L.K.

James L. Knickerbocker  
Chairman

JLK:EGD:js

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

03336

March 15, 1974

The meeting of the State Board of Technical Registration was called to order by Mr. James L. Knickerbocker, Chairman, in the Mount Vernon Room, Hilton Hotel, 1601 Miracle Mile Strip, Tucson, Arizona, at 9:15 A.M.

PRESENT

James L. Knickerbocker, Chairman  
M. L. Vanlandingham, Vice-Chairman  
Robert G. Wallace, Secretary  
C. W. Dryden  
C. W. Newlin  
Ralph L. Wyatt

ABSENT

Robert M. Bowlsby  
John Girand  
Lew Place

The Chairman noted that there was a quorum present to conduct the meeting.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the minutes of the meeting of the Board on December 14, 1973, be approved as presented. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the minutes of the special meeting of the Board on February 4, 1974, be approved as presented. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the minutes of the telephone meeting of the Board on March 6, 1974, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. Wallace introduced the report of the Rules and By-Laws Committee pertaining to rewording Rule V, 2, as follows:

"An imprint of the registrant's valid seal shall appear on each and every sheet of drawings, on the cover and index page of each set of specifications, on the cover and index page of details bound in book form and prepared specifically to supplement project drawings, on the cover and index page of reports and/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."

It was moved by Mr. Dryden and seconded by Mr. Wyatt that this change in the rules be adopted and that a public hearing be held as required by law. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

House Bill 2202, regarding injunctive powers being added to our law, was discussed. The Executive Director presented a letter from the Arizona Legislative Council which gave a summary analysis of H.B. 2202.

Mr. Wyatt reported that the hearing on House Bill 2005 was attended by himself and the Executive Director. It was also reported that the Chairman's letter concerning House Bill 2005 was sent to the Commerce and Industry Committee.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation Committee meeting report of February 25, 1974, was presented by Chairman Wyatt, as shown on Minute Pages 3338 and 3339.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the above report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Architectural Examinations in June, 1974, was presented as shown on Minute Page 3340, and it was moved by Mr. Wyatt and seconded by Dr. Newlin that this schedule be approved as presented. Motion carried.

The Landscape Architectural Evaluation Committee meeting report of February 25, 1974 was presented by Mr. Wyatt, as shown on Minute Pages 3341 and 3342.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Landscape Architectural Examinations in June, 1974, was presented as shown on Minute Page 3343, and it was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that this schedule be approved as presented. Motion carried.

The Engineering Evaluation Committee meeting report of February 19, 20, 21 and 22, 1974, was presented by Chairman Newlin, as shown on Minute Pages 3344 through 3347.

The qualifications of Mr. George E. Lundmark, Electrical Engineer Applicant #73-704, were discussed and in view of his having completed a four year engineering course prior to 27 years of experience, an exception to the current accreditation rule was considered. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that Parts 1 and 2 of the examination be waived. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Dryden that the above report of the Engineering Evaluation Committee, as amended by the above motion, be accepted and implemented by the Board. Motion carried.

DATE: March 8, 1974

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on February 25, 1974, in Phoenix, Arizona, with the following members present:

M. L. Vanlandingham  
 Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Barre, Ib	74-20	Lusk, Dietz, Jr.	73-729
Bleaman, Jeffrey Stephen	73-635	Miller, Donald Eugene	73-256
Bramanti, Lawrence Andrew	73-661	Molenaar, Richard Edwin	73-719
Campbell, William Norris	74-11	O'Neill, Donald Patrick	73-718
Coate, Roland Eli, Jr.	73-757	Orendain, Tomas Salvador	73-724
Corum, Charles Alan	73-660	Palmer, Michael	73-662
Cross, Donald Ray	73-702	Picken, Donald Clyde	73-758
Cruz, Adolfo Raymond	74-38	Richards, Kenneth Wayne	73-733
Doggett, John Henry, Jr.	74-48	Rucker, James Ronald	74-29
Edwards, David Leo, Jr.	73-700	Sadeghi, Nasser	73-529
Fabrin, George Wayne	73-594	Schafer, Edward C.	73-417
Giunchigliani, Lawrence J.	73-657	Sonberg, Robert F.	73-663
Hinson, Roaten Eugene, Jr.	73-701	Varenhorst, Roy K.	73-490
Holmes, Jess T., Jr.	74-23	Whaley, Jack D.	74-45
Lowé, Leroy C.	73-728	Wilson, John Richard	73-705

- 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 June, 1974, and December, 1974, examinations:

Barre, Klaus	73-653	Equivalency & Professional
Van Dyke, Glen William	74-10	Equivalency & Professional

III. The following applicants having been advised twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

Babcock, James Albert	73-603
Bauers, Frank Edward	73-413
Zorzi, Peter Attilio	73-433

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,



Rahn L. Wyatt, Chairman

University of Arizona

SCHEDULE OF EXAMINATIONS  
FOR  
ARCHITECTS AND ARCHITECTS-IN-TRAINING  
UNDER NEW RULES  
EQUIVALENCY EXAM

TWO LOCATIONS:

- 1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Arizona State University

- 2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 15, 1974

8:00 A.M. to 4:00 P.M.

Construction, Theory & Practice (Reference material permitted for full exam)

4:00 P.M. to 6:00 P.M.

History, Theory & Planning (No reference material permitted)

Sunday, June 16, 1974

8:00 A.M. to 6:00 P.M.

Design (No reference material permitted)  
"A Branch Bank with Drive-In Facilities"

ARCHITECTS UNDER OLD RULES

Same location as above.

Saturday, June 15, 1974

8:00 A.M. to 11:00 A.M.

Examination F, Building Construction (No reference material permitted)

11:30 A.M. to 4:30 P.M.

Examination G, Structural Design (No(Reference material permitted)

Sunday, June 16, 1974

8:00 A.M. to 11:00 A.M.

Examination H, Professional Administration (No reference material permitted)

11:30 A.M. to 3:30 P.M.

Examination I, Building Equipment (No reference material permitted)

DATE: March 8, 1974

TO: State Board of Technical Registration  
FROM: Landscape Architectural Evaluation Committee  
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on February 25, 1974, in Phoenix, Arizona, with the following members present:

Robert M. Bowsby  
M. L. Vanlandingham  
Ralph L. Wyatt

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 in landscape architecture:

Graves, Robert Clark	74-58
Loomis, Jerry J.	73-706
Neff, William Henrichsen	74-2

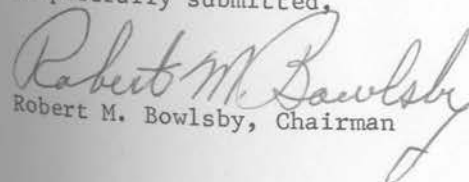
- II. The following applicant having appeared before the committee, while completing the personal audience interview, needs demonstration of additional evidence of his proficiency, A.R.S. 32-123.B, and it is recommended to the Board that this individual be held for the written examinations indicated beginning in June, 1974:

Nickels, Ernest Lee	73-638	Parts 1, 2, 3, 4 and 5
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- III. The Landscape Architectural Examination Committee reviewed the examinations given in December, 1973, and recommends to the Board that the grades as shown on the page following this report be so certified.

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

  
Robert M. Bowsby, Chairman

03342

LANDSCAPE ARCHITECTS

No.	Name	History & Theory	Pltg., Dsn. & Ident.	L. S. Arch. Design	Construction	Prof. Admin.	Passed
		1	2	3	4	5	
72-416	Ashworth, Dean Frampton	F	P	P	F	F	
*73-383	Hubbell, Richard Steven	75	75	75	75	90	1,2,3,4,5
*72-331	Rutz, Miriam Easton	P	P	P	P	86	5
*72-245	Stewart, Ward Douglas	P	P	75	77	P	3,4

LANDSCAPE ARCHITECT-IN-TRAINING

No.	Name	1	2	3	Passed
		1	2	3	
73-1	Duffield, Mary R. C.	P	P	F	
73-5	Job, Steven Edmund	F	76	F	2
73-3	Kirby, Rosina G.	P	P	F	
*72-1	McCauley, John K., Jr.	79	76	85	1,2,3



SCHEDULE OF EXAMINATIONS  
FOR  
LANDSCAPE ARCHITECTS AND LANDSCAPE ARCHITECTS-IN-TRAINING

03343

TWO LOCATIONS:

1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 15, 1974

8:00 A.M. to 6:00 P.M.

Part 3 - Landscape Architectural Design (No reference material permitted)

Sunday, June 16, 1974

8:00 A.M. to 6:00 P.M.

Part 4 - Construction (Reference Material is Permitted)

ONE LOCATION (only)

Report to Room 315, 1645 W. Jefferson, Phoenix, Arizona

Monday, June 17, 1974

8:00 A.M. to 2:00 P.M.

Part 2 - Planting, Design & Identification (No reference material permitted)

2:00 P.M. to 4:00 P.M.

Part 1 - History & Theory (No reference material permitted)

Tuesday, June 18, 1974

8:00 A.M. to 10:00 A.M.

Part 5 - Professional Administration (No reference material permitted)

DATE: March 8, 1974

TO: State Board of Technical Registration  
 FROM: Engineering Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on February 19, 20, 21, and 22, 1974, with the following members present:

C. W. Dryden	C. W. Newlin
John Girand	Robert G. Wallace
James L. Knickerbocker	

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 to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

CHEMICAL ENGINEERING

Brown, Robert M.	73-644
McLaury, Melvin Wayne	73-752
Pitts, John Douglas	73-597

CIVIL ENGINEERING

Axford, Duncan L.	74-41
Bandel, Arnold Fred	74-24
Behrend, Herbert W.	73-624
Binder, Matthew J.	74-25
Bradley, James Edward	73-623
Breiholz, David Clare	73-721
Bringhurst, John H., Jr.	73-743
Claiborne, Gaylon Russell	73-620
Dholakia, Rajesh Maganlal	74-9
Dinicola, Joseph Gerard	73-688
Engeln, Joseph Frederick	73-737
Hagler, Paul Edwin	73-521
Harter, Charles William	73-744
Henry, Richard Gale	73-640
Hukee, Robert A.	73-722
Kulas, Joseph W.	73-646
Lacy, Edward Ranolph	73-714
Lavitt, Howard	73-676
Lind, Anton Albert	73-695
Lindsey, James Anderson	74-13
Linser, Chester Laurence	73-649
Mathews, William Drayton	73-750
Mendlen, Richard Arnold	73-684
Mettee, Richard Watkins, Jr.	73-690
Miller, James Joseph	73-674
Nall, Ronald Lee	73-666

CIVIL ENGINEERING - Cont'd.

Othon, F. William	73-754
Renk, James M.	73-720
Reynolds, John Michael	73-683
Smith, George Rudolph	73-746
Smith, Samuel Roger	73-639
Tebault, Robert Ernest	73-641
Unroe, Denis Ronald	73-576
Wali, Irshad	73-606
Ward, Montague Richard, Jr.	73-677
Weingardt, Richard George	73-564
Wells, Michael William	74-12
Whitney, Richard Gwyn	73-755
Wing, Wayman C.	73-699

ELECTRICAL ENGINEERING

Bailey, James Marvin	73-765
Bradley, Donald James	73-681
Collonge, Perry James	73-671
Lawson, Albert Harold	73-687
Pruitt, William Warren	73-717
Van Buuren, Jan Henri	73-670
White, William Pinckney	74-6

INDUSTRIAL ENGINEERING

Eaves, Raymond Odell	73-707
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MECHANICAL ENGINEERING

Blackburn, Douglas B.	73-692
Bonney, Gordon	74-4
Chen, David S. Y.	73-730
Chen, Stone S.	73-508

Continued.....

## I. Continued

MECHANICAL ENGINEERING - Cont'd.

Davidson, Joseph Killworth	73-652
Hotchkiss, Ronald Edward	73-645
Lowe, Lowell Howard	73-696
Mason, Harold F.	73-689
Palmer, Richard Allen	73-697
Sigmund, Fredric Joseph	73-499
Stepanek, Walter Franklin	73-625
Swanson, Howard Clemens	73-491
Wallace, Stanley Whittington	73-555
Williams, Rodney B.	73-735

MINING ENGINEERING

Graves, Clarence Edmund, Jr.	74-28
St. Peter, Albert L.	73-698
Stover, Charles Frederick	73-675

PETROLEUM ENGINEERING

Brimhall, Ronald Maloy	73-260
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SANITARY ENGINEERING

Vigil, Lawrence Daniel	74-3
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STRUCTURAL ENGINEERING

Wali, Irshad	73-607
Wing, Wayman C.	73-716
Yuen, Kenneth Hing-Cheng	74-5

GEOLOGY

Hunt, John Prior	73-693
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LAND SURVEYING

Green, Danny Leo	73-642
Henstridge, Fred William	73-691
Williams, Roland L.	74-36

- 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 April, 1974, examinations:CIVIL ENGINEERING

Allan, David Harold	73-747	Parts 3 and 4
Almaraz, Andrew Ortiz	74-34	Parts 3 and 4
Boring, William Warren	73-766	Parts 3 and 4
Brooks, Arthur Neal	73-665	Parts 3 and 4
Childress, Paul Arthur	73-736	Parts 1, 2, 3 and 4
Crotty, Patrick Adrian	74-277	Parts 3 and 4
Engle, William Eugene	74-19	Parts 3 and 4
Fisher, Ronald Chester	73-708	Parts 3 and 4
Jordan, Raymond Charles	73-740	Parts 1, 2, 3 and 4
Kruse, James August	73-682	Parts 3 and 4
Lee, Vance Gerard	73-725	Parts 3 and 4
Mahoney, Robert Donald	73-762	Parts 3 and 4
Moyer, James Hardy	74-16	Parts 3 and 4
Patel, Dilipkumar Manibhai	73-761	Parts 1, 2 & in 11/74 3 & 4
Pressnall, Don Colin	73-751	Parts 3 and 4
Rautmann, James Norman	74-18	Parts 3 and 4
Wagoner, Robert R.	74-8	Parts 3 and 4
Way, George Bert	73-764	Parts 3 and 4

ELECTRICAL ENGINEERING

Aadland, Donald Ingvald	73-726	Parts 3 and 4
Berg, Lawrence	74-26	Parts 3 and 4
Haddock, Robert Wayne, Sr.	73-618	Parts 3 and 4
Jensen, Robert Eugene, Jr.	74-44	Parts 3 and 4
Lundmark, George Edward	73-704	Parts 3 and 4
Perdomo, Mauricio	73-685	Parts 1, 2, 3 and 4

## II. Continued

HIGHWAY ENGINEERING

Nizlek, Martin Cherry	73-739	Parts 3 and 4
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MECHANICAL ENGINEERING

Criger, Robert Bruce	73-745	Parts 3 and 4
Gomez, William H.	74-1	Parts 3 and 4
Hockett, John Edwin, III	73-650	Parts 3 and 4
Iacobelli, Rocco Fred	73-715	Parts 3 and 4
Killpack, Russell Keith	73-651	Parts 3 and 4
LaDuc, James Francis	73-742	Parts 3 and 4
Mansfield, William Allen	73-738	Parts 3 and 4
Nelson, Harold Duane	73-647	Parts 3 and 4
Reed, Ronald Gene	73-678	Parts 3 and 4
Snell, Dale Wayne	74-31	Parts 3 and 4

MINING ENGINEERING

Hendricks, Robert Shaw	73-672	Parts 3 and 4
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STRUCTURAL ENGINEERING

Amin, Kamal	74-32	Parts 3, 4, 5 and 6
Cornforth, Robert Charles	74-21	Parts 3, 4, 5 and 6
Lin, David Shu-Nai	73-711	Parts 5 and 6
Oeltman, John Domenic	73-731	Parts 3, 4, 5 and 6

GEOLOGY

Granger, Wayne C.	73-741	Parts 3 and 4
Greenslade, William Murray	73-611	Parts 3 and 4
Landry, John Joseph	73-760	Parts 3 and 4

LAND SURVEYING

Ball, Robert Alan	73-668	Parts 1, 2, 3 and 4
Behnke, Ronald E.	74-30	Parts 1, 2, 3 and 4
Gill, Vern Edward	73-734	Parts 1, 2, 3 and 4
Huber, Floyd Richard	73-713	Parts 1, 2, 3 and 4
Landon, Robert Paul	73-694	Parts 1, 2, 3 and 4
Leonard, John Frederick	74-47	Parts 1, 2, 3 and 4
Pope, John Gilbert	73-669	Parts 1, 2, 3 and 4

Applicants held for the November, 1974, examinations:CIVIL ENGINEERING

Oeltman, John Domenic	73-732	Parts 3 and 4
O'Neill, Timothy Michael	73-712	Parts 3 and 4

MECHANICAL ENGINEERING

Aadland, Donald Ingvald	73-727	Parts 3 and 4
Haddock, Robert Wayne, Sr.	73-619	Parts 3 and 4

III. The following applicants appeared before the committee and the evaluation of their application determined that they should be denied for lack of experience under A.R.S. 32-123.A with the refund as shown and the additional years of experience required follows the refund amount:

Peterson, Donald Ray	Civil Engineer, 73-686	\$25.00	18 months
Roesler, Alan Louis	Geologist, 74-22	\$10.00	2 years

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

73-15	Engineer-in-Training
73-20	Architect-in-Training
73-23	Architect - 1st
73-24	Civil Engineer
73-27	Civil Engineer
73-34	Architect
73-74	Electrical Engineer
73-87	Civil Engineer
73-111	Architect
73-113	Architect

and listed by Dr. Smith and presented by Dr. Wyatt that the following applicants for professional registration having completed the personal papers and all other requirements of this board be granted registration as shown and the registration numbers as indicated. Notice denied.

REGISTERED - 1964		REGISTERED - 1964	
8475	Boyd, Robert F.	9301	Boyd, Robert F.
8476	Yarbrough, Roy W.	9302	Yarbrough, Roy W.
8477	Walley, Jack D.	9303	Walley, Jack D.
8478	Wilson, John Richard	9304	Wilson, John Richard
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8600			

Mr. Joseph E. Shearer, Geology Applicant #72#511, appeared and presented details of his background in support of his request for waiver of the written examinations. He was informed that the Board would review his application and advise him of the result. After discussion, it was moved by Mr. Wyatt and seconded by Dr. Newlin that the recommendation of the Evaluation Committee be upheld. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Wyatt that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

Almaraz, Andrew O.	73-36	Engineer-in-Training
Bender, Bert	73-29	Architect-in-Training
Bornhorst, David J.	73-658	Architect
Fernandez, Luis	73-680	Civil Engineer
Green, Arnold	74-7	Civil Engineer
Guenzel, Richard Gustav	73-545	Architect
Korth, Bruce Y.	73-748	Electrical Engineer
Kyzer, Raymond Anthony	73-667	Civil Engineer
Pope, Robert Lee	73-311	Architect
Shuster, Joseph Gregory	73-504	Architect

It was moved by Dr. Newlin and seconded by Mr. Wyatt 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

Barré, Ib	9475
Bleaman, Jeffrey Stephen	9476
Bramanti, Lawrence Andrew	9477
Campbell, William Norris	9478
Coate, Roland Eli, Jr.	9479
Corum, Charles Alan	9480
Cross, Donald Ray	9481
Cruz, Adolfo Raymond	9482
Doggett, John Henry, Jr.	9483
Edwards, David Leo, Jr.	9484
Fabrin, George Wayne	9485
Giunchigliani, Lawrence J.	9486
Hinson, Roaten Eugene, Jr.	9487
Holmes, Jess T., Jr.	9488
Lowe, Leroy C.	9489
Lusk, Dietz, Jr.	9490
Miller, Donald Eugene	9491
Molenaar, Richard Edwin	9492
O'Neill, Donald Patrick	9493
Orendain, Tomas Salvador	9494
Palmer, Michael	9495
Picken, Donald Clyde	9496
Richards, Kenneth Wayne	9497
Rucker, James Ronald	9498
Sadeghi, Nasser	9499
Schafer, Edward G.	9500

ARCHITECTURE - Cont'd.

Sonberg, Robert F.	9501
Varenhorst, Roy K.	9502
Whaley, Jack D.	9503
Wilson, John Richard	9504

CHEMICAL ENGINEERING

Brown, Robert M.	9505
McLaury, Melvin Wayne	9506
Pitts, John Douglas	9507

CIVIL ENGINEERING

Axford, Duncan L.	9508
Bandel, Arnold Fred	9509
Behrend, Herbert W.	9510
Binder, Matthew J.	9511
Bradley, James Edward	9512
Breiholz, David Clare	9513
Bringhurst, John H., Jr.	9514
Claiborne, Gaylon Russell	9515
Dholakia, Rajesh Maganlal	9516
Dinicola, Joseph Gerard	9517
Engeln, Joseph Frederick	9518
Hagler, Paul Edwin	9519
Harter, Charles William	9520
Henry, Richard Gale	9521
Hukee, Robert A.	9522

Continued.....

CIVIL ENGINEERING - Cont'd.

Kulas, Joseph W.	9523
Lacy, Edward Randolph	9524
Lavitt, Howard	9525
Lind, Anton Albert	9526
Lindsey, James Anderson	9527
Linser, Chester Laurence	9528
Mathews, William Drayton	9529
Mendlen, Richard Arnold	9530
Mettee, Richard Wilkins, Jr.	9531
Miller, James Joseph	9532
Nall, Ronald Lee	9533
Othon, F. William	9534
Renk, James M.	9535
Reynolds, John Michael	9536
Smith, George Rudolph	9537
Smith, Samuel Roger	9538
Tebault, Robert Ernest	9539
Unroe, Denis Ronald	9540
Wali, Irshad	9541
Ward, Montague Richard, Jr.	9542
Weingardt, Richard George	9543
Wells, Michael William	9544
Whitney, Richard Gwyn	9545
Wing, Wayman C.	9546

ELECTRICAL ENGINEERING

Bailey, James Marvin	9547
Bradley, Donald James	9548
Collonge, Perry James	9549
Lawson, Albert Harold	9550
Pruitt, William Warren	9551
Van Buuren, Jan Henri	9552
White, William Pinckney	9553

INDUSTRIAL ENGINEERING

Eaves, Raymond Odell	9554
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MECHANICAL ENGINEERING

Blackburn, Douglas B.	9555
Bonney, Gordon	9556
Chen, David S. Y.	9557
Chen, Stone S.	9558
Davidson, Joseph Killworth	9559
Hotchkiss, Ronald Edward	9560
Lowe, Lowell Howard	9561
Mason, Harold F.	9562
Palmer, Richard Allen	9563
Sigmund, Fredrick Joseph	9564
Stepanek, Walter Franklin	9565
Swanson, Howard Clemens	9566
Wallace, Stanley Whittington	9567
Williams, Rodney B.	9568

MINING ENGINEERING

Graves, Clarence Edmund, Jr.	9569
St. Peter, Albert L.	9570
Stover, Charles Frederick	9571

PETROLEUM ENGINEERING

Brimhall, Raondl Maloy	9572
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SANITARY ENGINEERING

Vigil, Lawrence Daniel	9573
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STRUCTURAL ENGINEERING

Wali, Irshad	9574
Wing, Wayman C.	9575
Yuen, Kenneth Hing-Cheng	9576

GEOLOGY

Hunt, John Prior	9577
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LANDSCAPE ARCHITECTURE

Graves, Robert Clark	9578
Hubbell, Richard Steven	9579
Loomis, Jerry J.	9580
Neff, William Henrichsen	9581
Rutz, Miriam Easton	9582
Stewart, Ward Douglas	9583

LAND SURVEYING

Green, Danny Leo	9584
Henstridge, Fred William	9585
Williams, Roland L.	9586

It was moved by Dr. Newlin and seconded by Mr. Dryden that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Boesch, Gary Wayne	1286	McGovern, Thomas P.	1299
Brendel, Lance G.	1287	McLean, Thomas M.	1300
Brown, Kenneth D.	1288	Mullenbach, Arnold Dean	1301
Brugman, Paul	1289	Neff, Daniel Hansen	1302
Coraggio, Louis	1290	Smith, John Edward	1303
Crowe, Dennis Wayne	1291	Spikes, James A.	1304
Enriquez, Lucille Ann	1292	Wilson, Don Adam	1305
Fleming, Peter	1293	Wright, Michael Terrill	1306
Fredrickson, Thomas Owen	1294	Collum, Patrick Mason	1307
Heinz, Eric W.	1295	Moore, Eric Gregory	1308
Heistermann, Edward C., Jr.	1296	Vasquez, Frank M.	1309
Hunt, Joseph M.	1297	Markle, Dennis George	1310
Lee, Fred Doeleong	1298		

LANDSCAPE ARCHITECT-IN-TRAINING

McCauley, John K., Jr. 1

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Knickerbocker advised that he will be speaking at the University of Arizona regarding registration on March 26 and 27.

Mr. Vanlandingham reported on the meeting of the Western Conference and its discussions of the Equivalency exam which may be required of applicants to Arizona from states in which it is not offered. He also reported that Mr. Wyatt was elected to a three-year term on the Executive Committee of the Conference.

The subject of the method of grade determination by E.T.S. was discussed. Dr. Newlin pointed out that the statistical grading system might not be legally compatible with the numerical passing grades in the Rules, also that the Board should have the option to establish the cut-off point for passing grades. The Chairman referred this subject to the Rules and By-Laws Committee for consideration.

REPORT OF THE BUDGET COMMITTEE

It was moved by Mr. Vanlandingham and seconded by Dr. Newlin the Board be authorized to purchase two, 5-drawer, Steelcase Filing Cabinets with locks. Motion carried.

It was reported that the Joint Budget Committee will recommend an appropriation of \$130,400 for Fiscal Year 1974-1975.



REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #3, as shown on Minute Page 3351, was presented for the Board's information.

Mr. Drewry reported that HB 2099, the request for supplemental appropriation, has been recommended by the Budget Division and by the Joint Budget Committee.

READING OF COMMUNICATIONS

Letter from Dr. Newlin to the Governor with a copy to the Board submitting his resignation, effective June 1, 1974, was presented. In accepting this letter, the Board expressed their regrets of his resignation.

UNFINISHED BUSINESS

Mr. Knickerbocker reported that the Attorney General has submitted certification forms for signature in connection with the rule change regarding the prime professional.

A discussion was held on the subject of availability of legal representation, including the possibility of retaining counsel using Technical Registration funds. It was moved by Mr. Dryden and seconded by Dr. Newlin that a letter from the Board be written by the Chairman, requesting the attendance of a representative of the Attorney General present at all Board meetings. Motion carried.

The formal hearing to be held in the matter of James McCausland cannot be held as scheduled for this meeting because Notice of Complaint was not issued. In discussing a new date for the James McCausland hearing, it appeared inappropriate to reschedule a formal hearing. It was moved by Mr. Dryden and seconded by Dr. Newlin not to hold a formal hearing, but to invite Mr. McCausland to the next scheduled Board meeting for discussion of the issue. Motion carried.

Mr. Valenzuela appeared before the Architectural Evaluation Committee on February 25, 1974, as a result of the letter from Mr. Brock. He responded to questions concerning his experience. His replies have been confirmed by letters recently received from his former employers. Mr. Wyatt stated that the experience does appear to be adequate and in compliance with requirements.

Discussion was held regarding Electrical Code Section 330(e), items H, I, and J as directed at the December Board meeting. Mr. Wyatt stated that he did not believe items covered to be in accord with the intent of the registration law. Mr. Wallace pointed out that the City Building Code could not pre-empt the State law. Mr. Knickerbocker suggested a letter from the Board stating that their review of these Code items indicates that any practice of same could result in violations of the Technical Registration law.

Mr. Wyatt provided background information regarding the structural inspection ruling under A.R.S. 32-125. Visitors Charles Magadini, George Sprinkle, Ed Mangotich and Bill Sawyer joined the Board discussion. Representatives present were advised by the Board that the Board could only judge each case involving this ruling on its own merit but could not resolve the matter between Architects, Structural Engineers and the City of Phoenix.

CASH FLOW REPORT - #3

03352

DATE: March 1, 1974

Balance on Deposit as of July 1, 1973 - \$120,209.60

Balance on Deposit as of Report Date - \$223,117.77

Total Allocated Receipts to Technical Fund as of Report Date - \$102,908.17

Technical Fund Balance as of Report Date - \$170,252.08

LUMP SUM APPROPRIATED

\$108,000.00

<u>Expenditures</u>	<u>Amount</u>
Personal Services	\$26,946.08
Employee Related Costs	2,991.61
Travel	1,896.99
Data Processing	1,437.71
Professional Services	2,472.52
Office Supplies	2,721.25
Postage	2,526.56
Telephone	1,172.37
Rent - Office	4,577.00
Rent - Xerox	419.86
Dues & Subscriptions	40.60
Revolving Fund	20.00
Refunds	<u>112.50</u>

Amount Spent to Date

47,335.35

Balance of Appropriated Monies

\$60,664.65

UNFINISHED BUSINESS - Cont'd.

Mr. Sprinkle advised the Board that architectural and engineering representatives had met with the City of Phoenix in committee on a preliminary basis. Mr. Vanlandingham requested that the Board be provided with a copy of their report of the outcome for information purposes. No Board action was recommended nor taken.

NEW BUSINESS

Mr. Drewry provided background information regarding Stephen Metzger as submitted by Frank Williams, an employee of the U. S. Bureau of Mines, Denver. Mr. Metzger submitted an application to Mr. Williams bearing a facsimile of an Arizona seal together with an Arizona license card. The registration number was found to be issued to another registrant in Arizona. It was moved by Mr. Dryden and seconded by Dr. Newlin for the matter to be turned over to the Chairman and Secretary for filing of complaint for violation of A.R.S. 32-145, and A.R.S. 32-125, D. Motion carried. Mr. Williams' request for a letter from the Board was found acceptable, but letter was to be directed to Mr. Williams personally.

Discussion was held regarding letter distributed by Stephen G. Cooper, registered Mechanical Engineer, No. 8847, offering the service to stamp existing drawings. It was moved by Mr. Dryden and seconded by Dr. Newlin that Mr. Cooper be advised that he may not seal another person's work. Motion carried.

It was moved by Mr. Dryden and seconded by Dr. Newlin that any member wishing to attend the Western Zone Meeting of National Council of Engineering Examiners in San Diego, California, on May 5-7, 1974, be authorized to do so. Motion carried.

It was moved by Mr. Dryden and seconded by Dr. Newlin that any member wishing to attend the National Council of Architectural Registration Boards' annual meeting in Dallas, Texas, on June 18-22, 1974, be authorized to do so. Motion carried.

The Board approved the following committee and Board meeting dates:

Architectural & Landscape Architectural Evaluation Committee  
May 13 and 14, 1974

Engineering Evaluation Committee - May 15, 16, 17 and 20, 1974

Regular Board Meeting - June 28, 1974, in Flagstaff, Arizona

ADJOURNMENT

The Chairman adjourned the meeting at 1:30 P.M.

James L. Knickerbocker  
CHAIRMAN

Robert J. Wallace  
SECRETARY

## MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

June 27 - 28, 1974

The meeting of the State Board of Technical Registration was called to order by Mr. James L. Knickerbocker, Chairman, in the Arizona Public Service Building, Flagstaff, Arizona, Thursday, June 27, 1974, at 2:00 P.M.

PRESENT

James L. Knickerbocker, Chairman  
M. L. Vanlandingham, Vice-Chairman  
Robert G. Wallace, Secretary  
Robert M. Bowsby  
C. W. Dryden  
John Girand  
Lew Place  
Michael Lowe, Asst. Atty. Gen.

ABSENT

Ralph L. Wyatt

PUBLIC HEARING ON PROPOSED RULE CHANGE

Chairman Knickerbocker announced it was the time set for the public hearing of the proposed rule change as published and dated May 31, 1974. Chairman Knickerbocker read Rule V, paragraph 2, as it exists, and then read the proposed rule change. Mr. Girand read a memo from Mr. Attebery to Mr. Harmon, as shown on Minute Page 3354, and Mr. Knickerbocker read the letters received from the following and as shown on Minute Pages 3355, 3356, 3357, 3358 and 3359:

- E. K. Chann, Southern Chapter, American Institute of Architects
- L. D. Womack, Central Chapter, Arizona Society of Professional Engineers
- J. E. Attebery, Sec.-Treas., Arizona Society of Professional Engineers
- M. J. Siennerth, Dir., City of Phoenix Building & Housing Safety Dept.

Mr. Womack who was present for the hearing showed samples of the bound details of 8½" x 11" sketches which the City received, and stated the City usually received the original plans in conjunction with the bound details but not in all cases. Mr. Al Sayler who was present questioned the cross reference of section cuts referred to in Mr. Siennerth's letter as being more difficult than cross reference on drawings. Mr. Girand asked Mr. Womack if the City of Phoenix did not use a 8½" x 11" standard city details bound in book form which are not stamped or sealed, and Mr. Womack would not comment on this. Mr. Nelson who was present felt whatever the Board established, he would be in agreement.

After considerable discussion, the Chairman announced that the public hearing had been held and was closed. The Board would take it under advisement later in our session today or tomorrow and will act on the proposed change. Mr. Dryden suggested that the matter be placed on the agenda beginning tomorrow morning and the Chairman so ordered.

INTERVIEW WITH MR. JAMES McCausland

Mr. James McCausland appeared before the Board by invitation. The Assistant Attorney General, Michael Lowe, advised Mr. McCausland this was an informal investigation and he had a right to have an attorney or counsel to represent him. Further, any questions you do not wish to answer you do not have to answer.



CITY OF PHOENIX

TO Mr. Harmon  
FROM Mr. Attebery

DATE June 19, 1974

RECEIVED  
JUL 21 1974

SUBJECT Possible Change in the Rules of the Board  
of Technical Registration - Your Memo of June 14, 1974.

THE AMERICAN INSTITUTE OF ARCHITECTS

I suggest you write to the Board and take the position that the existing law not be changed. Apparently, the request for change comes from architecturally oriented mechanical and electrical engineers and architects themselves. With their plan submittal, they often include a number of details; Building Inspections has been asking that they stamp all pages of the details and the engineers and architects object to this. The request for change really would require them only to stamp the first sheets. The law as written to date requires all sheets to be stamped.

In my opinion, the existing statute does not adversely affect our operation; therefore, I suggest no change be made.

*J.E.A.*  
J.E.A.

JEA:ik

*[Signature]*

President  
Arizona Chapter of  
The American Institute of Architects

03355



RECEIVED

JUN 21 1974

STATE BOARD TECHNICAL REGISTRATION

SOUTHERN ARIZONA CHAPTER  
THE AMERICAN INSTITUTE OF ARCHITECTS

June 20, 1974

Mr. Edward G. Drewry  
Executive Director  
Arizona State Board of  
Technical Registration  
1645 West Jefferson, Suite 315  
Phoenix, AZ 85007

Dear Sir:

Our Chapter has reviewed the proposed adoption of the amended Rule No. V. 2. and has expressed the following:

They feel that the last sentence is ambiguous and could be interpreted that every print would require an original signature. We feel with the insertion of the word original before "imprint" it would be more aligned with general office practice. It doesn't seem possible that you would require original signatures over imprinted seals on 30 sets of drawings with 50 sheets each, i.e.

Your clarification on the above would be appreciated.  
Thank you for allowing us to participate in this review.

Yours very truly,

Earl Kai Chann, President  
Southern Arizona Chapter of  
The American Institute of Architects

EKC:mc

ARIZONA SOCIETY OF PROFESSIONAL ENGINEERS  
CENTRAL CHAPTER  
ARIZONA SOCIETY OF PROFESSIONAL ENGINEERS  
PHOENIX, ARIZONA

03356



June 26, 1974

State of Arizona  
State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Gentlemen:

On June 18, 1974 the Board of Directors approved a motion that we the Board of Directors go on record opposing any change to the State of Arizona, State Board of Technical Registration Rules.

Sincerely yours,

L. D. WOMACK, P.E.  
President  
Central Chapter, A.S.P.E.

LDW:jw

Mr. A. N. Williams  
President

Mr. William A. Meyer  
Executive Secretary

03357

# ARIZONA SOCIETY OF PROFESSIONAL ENGINEERS

PHONE: (602) 266-4926 • 3625 NORTH 16TH STREET • PHOENIX, ARIZONA 85016

WILLIAM A. SAWYER  
EXECUTIVE SECRETARY

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Eric W. Gabbard, P.E.

President-Elect  
R. B. Williams, P.E.

Vice Presidents  
David Hall, P.E.  
William A. Ordway, P.E.  
Lamar C. Michaels, P.E.  
Keith Hubbard, P.E.

Secretary-Treasurer  
Leland L. Barnes, P.E.

National Directors  
Harold F. Soutbeck, P.E.  
William H. Cota, P.E.

Past President  
Harold F. Soutbeck, P.E.

June 27, 1974

Arizona State Board of  
Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Gentlemen:

The Board of Directors of the Arizona Society of Professional Engineers, by formal action at their meeting of June 26, 1974, have voted to oppose the amendment to Rule No. V, 2, of the Board relating to sealing of plans and specifications.

Please accept this letter as our official register of protest to the amendment.

Very truly yours,



J. E. Attebery, P.E.  
Secretary-Treasurer  
Arizona Society of Professional Engineers

JEA:ik

c: Mr. R. B. Williams  
President

Mr. William A. Sawyer  
Executive Secretary





CITY  
OF  
PHOENIX

BUILDING AND HOUSING SAFETY DEPARTMENT

03358

June 26, 1974

State Board of Technical Registration  
1645 West Jefferson Street  
Phoenix, Arizona 85007

Gentlemen:

Subject: PROPOSED AMENDMENTS TO RULE NO. V, 2 OF THE RULES OF THE  
BOARD OF TECHNICAL REGISTRATION

As you know, we are heavily involved in reading building plans and details. In this capacity we are opposed to the proposal that further encourages plans and details prepared in the form of small sheets of paper bound together.

Our objection is to this "method" of plans preparation and we realize that the Board is formally considering not the method, but only whether a seal on each sheet is required. We feel that the Board should reject this proposal because, at least, it will tend to encourage the method.

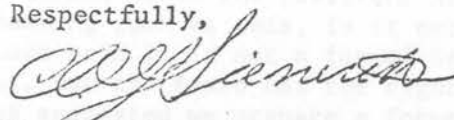
The full import of the significance of this plans preparation practice can only be gained by actually going through a project in a detailed plans check. However, the following points are made to shed some light on the problem:

1. "Reading" the plans for their intent on a specific construction item becomes very difficult. You might need to refer to 3 or 4 "section cuts" to gain full understanding; trying to find and read simultaneously 3 or 4 details from a bound book is difficult and time consuming; on a standard size drawing, quick scanning is possible enabling full comprehension.
2. 8-1/2" x 11" addendum sheets are issued which revise the original 8-1/2" by 11" plan sheets. This vastly increases the chances for error and "overlooks".
3. The system produces conflicts between plan views and cut details, probably because the same draftsman doesn't follow through and in-house quality control is more difficult. Also the design offices tend to use their "standard 8-1/2 x 11 details" and many times these don't exactly fit the job.
4. These sheets tend to become lost, out of order, superseded or otherwise not fail-safe. The system allows the designer to excuse himself with a simple "sorry about that, you can see how easy the error is to make."
5. Lack of seal further compounds the problem. No one could be held accountable for the responsibility of a detail because of no actual official identification-- anyone could have inserted the sheet into the shelf of papers.

June 26, 1974

Mr. L. D. Womack, Structural Plans Engineer, of this department will be present at the Board meeting to show a typical example of a project delineated by "loose paper". This example should in no way be construed to reflect upon the designer personally; it is intended only to illustrate the system.

Respectfully,



M. J. SIENERTH, Director

MJS:jw

cc: Mr. Snead Parker,  
Arizona Building Contractors

The Executive Director read the letter from Mr. Lakin who had written the complaint in this case. After checking with the City of Glendale, Mr. McCausland provided the office with a set of plans which showed his seal over the word "Structural" and also on the other drawings. Mr. Girand asked Mr. McCausland if he recognized these drawings in his hand and were they talking about the same subject to which Mr. McCausland said "yes." Mr. McCausland then explained about the plans indicating the contractor had asked him to do the structural calculations and revise a number of details which he subsequently stamped. Mr. Girand asked the Assistant Attorney General that if an administrative hearing such as this, is it necessary that our discussion be open? Mr. Lowe said it is not a formal hearing and it is understood by everyone present, but the Board has the right to ask for legal private advice. Mr. Place suggested we prepare a formal hearing and do it properly. The Assistant Attorney General advised in order for the Board to decide that the formal hearing is or is not desirable, it will be necessary for the Board to vote. The Chairman requested the private advice of their attorney and excused the public.

When Mr. McCausland returned the Chairman explained to Mr. McCausland when this complaint was received there was an indication there was something wrong to which you have readily admitted you felt the same way, and the Board had discussed it at two previous meetings. It did not seem necessary to put you through a formal hearing but we want you to know we were cognizant of these type of things, and the action is complete in this matter and hope you recognize what we are trying to do. Mr. McCausland assured the Board that there will be no recurrence of this problem. The Chairman thanked Mr. McCausland for appearing and excused him from the meeting.

#### REQUESTS FOR RECONSIDERATION

Mr. Ray Alan Eastman, File #74-15, Geologist, appeared to discuss his letter requesting reconsideration and his application. Mr. Knickerbocker explained when he was before the Evaluation Committee, they recommended he be held for Parts 3 and 4 of the professional examination. Mr. Eastman stated that at the time of the meeting with the committee he decided to go ahead with the Board's advice of taking the examination, but after talking to several people about the examination, it was very similar to what he had had in college, and he felt he was qualified for registration without examination. After considerable discussion, it was moved by Mr. Dryden and seconded by Mr. Place that the Board reaffirm the action of the Evaluation Committee. Motion carried. The Chairman thanked Mr. Eastman for appearing.

Mr. Antonio Boggero, File #74-54, Mining Engineer, requested reconsideration of the Evaluation Committee's recommendation holding him for Parts 3 and 4 of the written examination. The Board discussed Mr. Boggero's file and letter and it was moved by Mr. Dryden and seconded by Mr. Girand that the Board reaffirm the action of the Evaluation Committee. Motion carried.

Mr. Dudley Cotton, File #74-87, Structural Engineer, requested reconsideration of the Evaluation Committee's recommendation of holding him for Parts 1 and 2 of the written examination. It was moved by Mr. Vanlandingham and seconded by Mr. Girand that the EIT portion of the written examination be waived based on his education. Motion carried.

Mr. Emil J. Vodonick, File #74-79, Civil Engineer, requested reconsideration of the Evaluation Committee's recommendation holding him for Parts 3 and 4 of the written examination. It was moved by Mr. Dryden and seconded by Mr. Wallace that the action of the Evaluation Committee be reaffirmed. Motion carried.

Mr. Fred Duane Walker, File #74-105, Civil Engineer, requested reconsideration of the Evaluation Committee's recommendation holding him for Parts 3 and 4 of the written examination. It was moved by Mr. Place and seconded by Mr. Bowsby that the action of the Evaluation Committee be reaffirmed. Motion carried.

Mr. Clarence E. Zuber, Jr., File #74-172, Mechanical Engineer, requested reconsideration of the Evaluation Committee's recommendation holding him for Parts 3 and 4 of the written examination. It was moved by Mr. Dryden and seconded by Mr. Wallace that the action of the Evaluation Committee be reaffirmed. Motion carried.

#### COMPLAINTS

A formal complaint from Louis B. Schaeffer in the matter of Robert Sferra, Civil Engineer, No. 2960, as shown on Minute Pages 3362 and 3363, was presented. It was moved by Mr. Vanlandingham and seconded by Mr. Place that a time and place be set for a formal hearing and the defendant be notified to appear. When the Chairman wants to call a meeting, the date and time will be set.

A written complaint from Mr. Nelson together with a newspaper clipping on a proposed culture center to be built in Flagstaff was discussed. Mr. Dorn of the County advised the Executive Director when the permit is applied for, he will call the office of the Board and let them know the name of the architect on the plans.

A telephone complaint from Mr. Guirey regarding Deremiah and Numkena was reported and the Executive Director circulated a photograph taken of the sign advertising James A. Deremiah, AIA, Numkena Associates, Inc. The Executive Director explained that Mr. Deremiah was the Secretary and Mr. Numkena was the President of the corporation. Mr. Deremiah is a registered architect but Mr. Numkena is not. The Board requested that an opinion from the Attorney General in this matter would be appropriate.

A telephone complaint from Mr. Risser regarding Paola Soleri was reported to the Board and the Chairman directed the Executive Director to call Mr. Risser and tell him that since we do not have a signed formal complaint or facts that the Board will take no further action unless there is a formal complaint.

A written complaint from Mr. Robert Morley, President, Western Chapter of the Arizona Society of Professional Engineers, was presented as shown on Minute Pages 3364 and 3365, regarding the Gadsden public school and which had not been sealed by a registrant. Mr. Drewry explained that the Division of Building Codes did review all these type of metal buildings and they require seals when the cost is in excess of \$50,000. The value of

State Board of Technical Registration

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS 1645 W. JEFFERSON

PHOENIX, ARIZONA 85007 271-4053

SWORN COMPLAINT

STATE OF ARIZONA )
County of Maricopa }

I LOUIS B. SCHAEFFER being first duly sworn, upon my oath, deposes and says:

That I LOUIS B. SCHAEFFER

That, pursuant to A.R.S. 32-128, I wish to file a sworn complaint with the Arizona State Board of Technical Registration in regard to ROBERT W. SFERRA (Name of Individual)

That I have investigated certain incidents, the details of which are more particularly described in the affidavits of LOUIS B. SCHAEFFER (Names), attached hereto, and by reference made a part hereof as Exhibits I, respectively;

That as a result of said investigation, it is my opinion that ROBERT W. SFERRA (Name of person) is incompetent

Signature of Louis B. Schaeffer (Name)



SUBSCRIBED AND SWORN to before me this 3rd day of May,

Signature of Notary Public

SWORN AFFIDAVIT

Exhibit I

STATE OF ARIZONA )  
County of Maricopa.

I, LOUIS B. SCHAEFFER, being first duly sworn

upon my oath, deposes and says:

Robert W. Sferra was hired to prepare a drainage plan and he was admonished to coordinate his efforts with S.R.P. requirements for its Spillway No. 12. Mr. Sferra's drainage plan does two things: 1 - it renders the Spillway inoperative; and 2 - any decent rain will flood the stores which have been constructed. Attached are copies of pertinent correspondence, the drainage plan and the proposed corrective plan. Mr. Sferra has disclaimed liability and refused to assist in resolution of this problem which he has created by his gross incompetence.

I certify that the above statements are true and correct to the best of my knowledge and ability.

Louis B. Schaeffer  
NAME

SUBSCRIBED AND SWORN to before me this 3rd day of May,  
1974.

James G. Hull  
NOTARY PUBLIC My Commission Expires June 14, 1977

My Commission Expires:

RECEIVED

Western Chapter  
Arizona Society of Professional Engineers

03364

Post office Box 4132  
Yuma, Arizona 85364

Affiliated With



June 21, 1974

RECEIVED

JUN 24 1974

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward G. Drewry  
State Board of Technical Registration  
1645 W. Jefferson Suite 315  
Phoenix, Arizona 85007

Dear Mr. Drewry:

It has come to our attention and it appears that at least two organizations have prepared plans and constructed public school buildings without the direction of a registrant.

Enclosed are two (2) sets of plans which have been copied from plans on file at the Gadsden Elementary School, Gadsden, Arizona.

One set of plans is a building design for classrooms at the school. The classroom building has been constructed apparently by the same person who prepared the plans, which is Cliff O. Boren Contracting Co., 2223 West 17th Street, Yuma, Arizona 85364. There appears to be no seal on the plans.

The other set of plans have recently been submitted to the Gadsden School in preparation for the apparent construction of the building. These plans which include foundation, mechanical, plumbing, electrical and other information have been apparently, submitted by Marston's Inc., P. O. Box 20827, Phoenix, Arizona 85036. Chardon Mobile-Modular, 2502 W. Durango, Phoenix, Arizona 85010 is the apparent builders of the structure. These plans have no seal on them either. Two similar buildings supplied by Marston's Inc. have already been constructed at Gadsden school. This building will make the third structure of this type.

The Western Chapter, Arizona Society of Professional Engineers is concerned with the health, safety and welfare of citizens in our area and especially children. We are particularly concerned about the footings and foundations under the buildings and the existing school utilities near and perhaps under the new buildings. It appears that construction of the three buildings mentioned was not supervised by a registrant.

Mr. Edward G. Drewry  
State Board of Technical Registration  
June 21, 1974  
Page 2

The Yuma County School Superintendent is Leon H. Maehling, with offices at the Yuma County Courthouse, 168 South 2nd Avenue, Yuma, Arizona 85364,

Please advise us what action can be taken concerning this matter.

Respectfully,

WESTERN CHAPTER A.S.P.E.

*Robert F. Morley*  
Robert F. Morley, President

RFM/iw

Enclosures:

GENERAL DISCUSSION

Mr. Morley stated that each member of the Board has been advised with simple documents as to how they are presenting the National Engineering Council. The National Engineering Council Committee had advised Mr. Morley to make an effort to see if he could adopt a professional status as we now do with the architect. He stated that he was attending a NEC Council Record and

Engineers qualify by being a graduate of an accredited institution, 12 years of experience, and 15 hours of written examination by some State registration board, or

or an accredited institution, 10 years of experience and 15 hours of written examination, or

or an accredited education, 10 years of experience and 15 hours of written examination.

The Council Records are updated annually. It was noted by Mr. Morley that we had been told as they come out that we should be completed about the references. Mr. Morley



the proposed new school building at Gadsden is \$64,000 and it will be taken care of by the Building Codes Division. Mr. Girand suggested Mr. Morley be advised how this will be resolved.

Letter of complaint from Mr. Turk regarding Mr. Capco was presented and it was moved by Mr. Vanlandingham and seconded by Mr. Girand that this matter be closed until such time as Mr. Capco is in violation. Motion carried. It was moved by Mr. Dryden and seconded by Mr. Girand that this letter be put in Mr. Capco's file. Motion carried.

Mr. Richard N. Pierron, registered Architect, appeared before the Board to substantiate his letter of explanation regarding his use of an unauthorized seal and Mr. Knickerbocker pointed out the fact that he had destroyed and furnished the office with the improper seal. It was moved by Mr. Dryden and seconded by Mr. Girand that this matter be closed. Motion carried.

Mr. James F. Ruthroff, registered Professional Engineer (Structural), wrote a letter of explanation on using an unauthorized seal which was presented to the Board and Mr. Drewry stated Mr. Ruthroff had destroyed this seal and ordered the authorized seal. The Executive Director explained that the City of Phoenix had been calling him on bad seals. He asked the Board what kind of action they wished to pursue in this matter and the Assistant Attorney General advised that the Board may take disciplinary action or no action whatever they feel the circumstances warrant. Mr. Wallace suggested Mr. Ruthroff be advised that his letter has been brought before the Board and also advise Mr. John Alfred Martin who had also written a letter of explanation regarding his use of an unauthorized seal the same.

#### GENERAL DISCUSSIONS

Chairman Knickerbocker stated that each member of the Board had been furnished with sample documents as to how they are processing the National Engineering Certificate. The National Engineering Certificate Committee had asked Mr. Knickerbocker to make an effort to see if Arizona could adopt this as a professional record as we now do with the architects. He stated the requirements for attaining a NEC Council Record are:

- A. Engineers qualify by being a graduate of an accredited education, 12 years of experience, and 16 hours of written examination by some basic registration board, or
- B. By an accredited education, 20 years of experience and 16 hours of written examination, or
- C. By an accredited education, 20 years of experience and 8 hours of written examination.

He reported the Council Records are updated annually. It was moved by Mr. Dryden and seconded by Mr. Girand that we look them over as they come in and the application form is to be completed above the references. Motion carried.

After discussion of the structural engineering examinations, it was moved by Mr. Dryden and seconded by Mr. Girand that the Evaluation Committee should consider the specific qualifications of each applicant and recommend accordingly. Motion carried.

The Chairman adjourned the meeting to be resumed at 9:00 A.M. on Friday, June 28, 1974.

The Chairman recalled the Board meeting at 9:08A.M. on Friday, June 28, 1974, noting all Board members were present including Mr. Ralph Wyatt.

It was moved by Mr. Girand and seconded by Mr. Dryden that the minutes of the meeting of the Board on March 15, 1974, be approved as presented. Motion carried.

#### REPORT OF THE EXECUTIVE COMMITTEE

No meeting and no report.

#### REPORT OF THE RULES & BY-LAWS COMMITTEE

The report of this Committee was discussed, item by item. The proposed change to Rule II, Section A, paragraph 6, deleting it in its entirety was opposed by Mr. Girand as he felt the applicant should be allowed to request reconsideration. The Assistant Attorney General advised that the Supreme Court has ruled that applicants can review their examination when they flunk and favorable decisions by the court are more commonly handed down if the rules of an agency do set up standards for passing. It was moved by Mr. Girand and seconded by Mr. Dryden that Rule II, Section A, paragraph 6, be retained. Motion carried.

It was moved by Mr. Vanlandingham and seconded by Mr. Girand that Rule II, Section C, paragraphs 3 through 11 as it now exists be retained in the rules. Motion carried with 5 ayes and 2 nays. Mr. Wyatt suggested it be referred back to the Rules and By-Laws Committee to determine, if it is possible, some definition of how 70% or 75% is arrived at and it was so ordered by the Chairman.

It was moved by Mr. Vanlandingham and seconded by Mr. Dryden that Rule II, Section B, Paragraph 5 and Rule III, Section D, NO. 4, be deleted. Motion carried.

Discussion of deleting Rule II, Section C, paragraph 1, followed. The Assistant Attorney General in looking over the statutes and the application form which has the code of ethics on the last page suggested the Board might be able to incorporate certain items into the rules which would be covered by the law. The Chairman referred this Rule II, Section C, paragraph 1 back to the Rules and By-Laws Committee and suggested they look into the Code of Ethics as to what can be retained by law and adopted into the rules.

The Chairman announced that a public hearing will be called for the next meeting on the proposed rule changes approved at this meeting.

The Chairman then announced that the public hearing which was held on the proposed rule change on Thursday, June 27, 1974, be considered at this time. It was moved by Mr. Girand and seconded by Mr. Dryden that the proposed rule change, as follows, be adopted. Motion carried with 5 ayes and 2 nays.

"Amend Rule V, 2:

"An imprint of the registrant's valid seal shall appear on each and every sheet of drawings, on the cover and index page of each set of specifications, on the cover and index page of details bound in book form and prepared specifically to supplement project drawings, on the cover and index page of reports and/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."

#### REPORT OF THE LEGISLATIVE COMMITTEE

Senate Bill 1059, regarding open meetings, was passed by the Legislature under Chapter 196, was discussed. Mr. Girand asked the Assistant Attorney General under the open meetings law, when discussing applicants, many times whose references we get are negative, and this type of derogatory information is discussed about an applicant, do we have to permit anyone to hear this information read? The Assistant Attorney General responded that the Attorney General's office is now working on how to define this law and will be advising the agencies of their decision.

The Arizona Legislature passed House Bill 2202 which added Section 32-106.01, Injunctive power, to our law under Chapter 57 and was approved by the Governor on May 1, 1974. This law will become effective on August 10, 1974. The Assistant Attorney General explained how the Registrar of Contractors' injunctive power is enforced and stated if it is an open and shut case, he usually can get a permanent injunction out in a month. If the complaint is sufficient, he needs two witnesses - the person who witnessed the violation and the secretary who has the records that he is not registered. Mr. Wyatt stated that over the years we were not sure how to use our excess funds and it appears that this law gives us some support for doing some real investigative work. Chairman Knickerbocker turned the chair over to Mr. Vanlandingham in order to be excused from the meeting. Mr. Wyatt suggested that we set up procedures of how to implement this injunctive power. Acting Chairman Vanlandingham appointed Mr. Wyatt and Mr. Wallace to determine these procedures. Chairman Knickerbocker returned and Acting Chairman Vanlandingham explained what had happened in his absence. Chairman Knickerbocker appointed Mr. Dryden to chair this committee and for them to determine the procedures for implementing the injunctive power and meet with the Budget Committee regarding the use of investigators.

Mr. Girand suggested that the Chairman set a date for this committee's report and requested the Assistant Attorney General to review a Supreme Court

Robert M. Williams & Associates

decision of 10 or 15 years ago when some action of the Board was challenged and the court specifically stated we would be neglectful in our duties if we did not actively engage in enforcing our statutes. The Chairman requested the committee to have a report by the September Board meeting, and stated this new law is going to be of great value to the profession.

House Bill 2059, regarding Subdivision Plats by registered Civil Engineers and Land Surveyors, was passed by the Legislature under Chapter 130. In this connection the letter from Mr. Robert M. Williams, as shown on Minute Pages 3370 and 3371, was discussed and it was the consensus of the Board that a land surveyor may layout the streets but where drainage, etc., is involved, a civil engineer is required, and House Bill 2059 defines the use of land surveyors and civil engineers on plats and subdivisions. The Chairman directed the Executive Director to write an appropriate response to Mr. Williams after consulting with Mr. Dryden.

The Arizona Legislature passed House Bill 2099 which was a supplemental appropriation from the technical registration fund in the amount of \$12,000, and has been allocated for the Board's use.

The Chairman accepted the report of the Legislative Committee.

#### REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation Committee meeting report of May 13 and 14, 1974, was presented by Chairman Wyatt, as shown on Minute Pages 3372 and 3373.

It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that the above report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

A letter from James A. Babcock, architectural applicant #73-603, who was denied at the March 15, 1974, Board meeting for failure to appear before the committee in a reasonable length of time, was presented. It was moved by Mr. Wyatt and seconded by Mr. Bowsby that his application be reinstated. Motion carried.

The Landscape Architectural Evaluation Committee meeting report of May 13, 1974, was presented by Chairman Bowsby, as shown on Minute Page 3374.

It was moved by Mr. Bowsby and seconded by Mr. Wyatt that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Engineering Evaluation Committee meeting report of May 15, 16, and 17, 1974, was presented by Mr. Dryden, as shown on Minute Pages 3375, 3376 and 3377.

It was moved by Mr. Dryden and seconded by Mr. Wyatt that the above report, amended, of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of Examinations for November, 1974, was presented as shown on Minute Page 3378, and it was moved by Mr. Dryden and seconded by Mr. Bowsby that this schedule be approved as presented. Motion carried.

# Robert M. Williams & Associates

03370

SUBDIVISION DESIGN

LAND SURVEYING

AERIAL MAPPING

ROBERT M. WILLIAMS JR.  
REGISTERED LAND SURVEYOR

1606 W. THOMAS ROAD  
PHOENIX, ARIZONA  
85015

June 18, 1974

Mr. James L. Knickerbocker, Chairman  
State Board of Technical Registration  
1645 West Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mr. Knickerbocker:

I would like to bring to your attention a matter of the utmost importance to myself as well as all Registered Land Surveyors registered in the State of Arizona and currently practicing the profession of surveying.

First of all I would like to present a little history of the background leading up to the current problem. I became registered as a Land Surveyor (No. 4123) on July 26th, 1958 and immediately began laying out subdivisions in Arizona and certifying same with my Registration Seal. I have been actively engaged in this profession for the past 15 years and have always felt that I was performing my services with the approval and the right granted to me by the Arizona State Board of Technical Registrations and the Arizona Revised Statutes.

Recently I have been advised by a County Engineer that the Certification of a Registered Land Surveyor on either a Preliminary Subdivision Plan or a Final Plat is not sufficient. And that all such Plats must be stamped by a Registered Civil Engineer.

It has always been my understanding that a Land Surveyor under the law was able to among other things, perform a Boundary and Topographical survey, design a Subdivision Plat setting forth the location of the lots, streets and alleys, calculate and record same and then monument all corners. After all of this had been accomplished, anything of a structural nature such as road construction within the previously platted right of ways, water systems, sewer systems etc., must be done by a Registered Civil Engineer.

I would very much appreciate a clarification of this matter from the Arizona State Board of Technical Registrations and, if possible, from the Arizona Attorney Generals Office.



As I have previously stated, this matter is of a most urgent nature to me as I have spent a lifetime in the building of a Company that specializes in the design and platting of lands in Arizona and if I have been doing so in violation of the law obviously I would have to stop.

However if you find that I or any other Registered Land Surveyor in Arizona has the right to perform those surveying services not related to anything of a structural nature relating to the Platting of land it would be most helpful to have this point clarified.

Respectfully,

ROBERT M. WILLIAMS & ASSOCIATES

*Robert M. Williams, Jr.*

Robert M. Williams, Jr.

RMW/mlp

Joseph L. ...	73-783	Joseph, Robert Robert, Jr.	74-104
David ...	74-174	McQuinn, Donald Eugene	74-107
Fred L. ...	74-183	Maxfield, Kenneth Charles	74-125
... ..	74-189	Nacy, Edward	74-127
... ..	74-20	Noland, Edward	74-131
Donald Gilbert	74-215	Noyes, Gerald Lewis	74-132
David Patrick	74-247	Painter, Earl Francis	74-136
John Thomas	74-180	Palanski, Joseph M.	74-143
... ..	73-750	Shirley, John William	74-144
... ..	74-139	Sette, Donald Charles	74-145
... ..	74-140	Smith, Stanley Monroe	74-153
... ..	74-15	Stovall, Albert Louis	74-157
... ..	74-161	Swob, Arthur Donald	74-160
... ..	74-170	Trost, Eugene Joseph	74-167
... ..	74-182	Verdy, Werty William	74-167
... ..	74-183	Ward, Michael Lee	74-170
... ..	74-215		
... ..	74-187	... ..	... ..
... ..	74-212	... ..	... ..
... ..	74-129	... ..	... ..
... ..	74-71	... ..	... ..
... ..	74-77	... ..	... ..
... ..	74-113	... ..	... ..
... ..	74-115	... ..	... ..
... ..	74-134	... ..	... ..
... ..	74-107	... ..	... ..

DATE: June 10, 1974

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on May 13 and 14, 1974, in Phoenix, Arizona, with the following members present:

- M. L. Vanlandingham
- Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Abramson, Joseph L.	73-723	Legan, Joseph Robert, Jr.	74-64
Avery, Russell Durfee	74-194	McQueen, Daniel Duane	74-63
Bernheim, Fred L.	74-143	Maetzold, Kenneth Charles	73-655
Boland, Robert L.	74-196	Macy, Alfonso	74-67
Bryar, Norman Leon	74-68	Meland, Edmund	74-61
Christian, Donald Gilbert	74-219	Meyer, Gerald Erwin	74-159
Cook, Lawrence David Patrick	74-267	Palmer, Neil Stanton	74-184
Craycroft, John Thomas	74-160	Pniewski, Joseph R.	73-763
Franczak, Roman	73-756	Shirley, Leon Wilfred	74-74
Gallion, Alan L.	73-659	Smith, Donald Charles	73-656
Goss, Calvin Wendol	74-140	Smith, Stanley Monroe	73-525
Hill, John Jay	74-69	Steene, Albert Louis	74-152
Howard, Ted Allen	74-141	Svob, Arthur Donald	74-170
Kekst, Keeva Joseph	74-195	Trust, Eugene Joseph	74-269
Koehnlein, Thomas Hendrik	74-262	Varwig, Harry Julius	74-62
Lee, Richard W. S.	74-183	Ward, Michael Lee	74-270
Lundeen, Gerald Charles	74-315		

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:

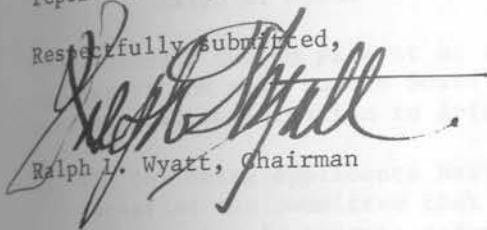
Dustrud, Larry Lynn	74-187	Equiv. Design & Professional
Gay, Ernest Stuart	74-222	Equivalency & Professional
Hayes, Jon Robert	74-128	Equivalency & Professional
Johnson, Robert James	74-71	Equivalency & Professional
Klimpke, Warren Edmund	74-77	Equivalency & Professional
Macneil, John Douglas	74-115	Equivalency & Professional
Peace, Joseph Walter, III	74-116	Equivalency & Professional
Ransom, William H.	74-154	Equivalency & Professional
Rehse, Petrick Charles	74-103	Equivalency & Professional

II. Continued

Reyes, Paul	74-125	Equivalency & Professional
Smith, Robert Duncan	74-148	Equivalency & Professional
Sutherland, James V.	74-129	Equivalency & Professional
Tindell, Robert Ray	74-227	Equivalency & Professional
Truett, Sam Langston	74-153	Equivalency & Professional
Ulrich, Richard Charles	74-188	Equivalency & Professional
Warner, Gary L.	74-117	Equivalency & Professional
Winton, Robert Bailey	74-72	Equivalency & Professional
Young, George Norman	74-239	Equivalency & Professional

The committee recommends to the Board that Recommendations I and II of this report be accepted and implemented.

Respectfully submitted,



Ralph L. Wyatt, Chairman

74-74  
74-121

... appeared before the committee and ...  
... 74-121, 74-122, 74-123, and 74-124 ...  
... 74-121, 74-122, 74-123, and 74-124 ...

... 1974, was ...

...	74-119	Parts 1, 2, 3, 4 and 5
...	74-75	Parts 1, 2, 3, 4 and 5
...	74-77	Parts 1, 2, 3, 4 and 5
...	74-149	Parts 1, 2, 3, 4 and 5
...	74-78	Parts 1, 2, 3, 4 and 5
...	74-76	Parts 1, 2, 3, 4 and 5
...	74-148	Parts 1, 2, 3, 4 and 5
...	74-151	Parts 1, 2, 3, 4 and 5

... 74-148 ... Parts 1, 2, 3, 4 and 5

... to the Board that Recommendations I and II of this report be accepted and implemented.



DATE: June 10, 1974

TO: State Board of Technical Registration  
 FROM: Landscape Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on May, 13, 1974, in Phoenix, Arizona, with the following members present:

Robert M. Bowlsby  
 M. L. Vanlandingham  
 Ralph L. Wyatt

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 in landscape architecture:

Nemetz, Stephen Joseph, II	74-70
Wood, Kenneth Wynn	74-151

- II. The following applicants 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 June, 1974, examinations:

Alley, Robert Martin	74-119	Parts 1, 2, 3, 4 and 5
Bell, Robert Michael	74-75	Parts 1, 2, 3, 4 and 5
Brogan, Gary Eldridge	74-73	Parts 1, 2, 3, 4 and 5
Maskulka, Gerald Edward	74-149	Parts 1, 2, 3, 4 and 5
Sakato, Gary Masami	74-78	Parts 1, 2, 3, 4 and 5
Scott, William Talmage, Jr.	74-76	Parts 1, 2, 3, 4 and 5
Wade, Michael Tompkins	74-169	Parts 1, 2, 3, 4 and 5
Zukowski, Lawrence	74-161	Parts 1, 2, 3, 4 and 5

Applicant held for the December, 1974, examinations:

Brady, E. LeRoy	74-204	Parts 1, 2, 3, 4 and 5
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The committee recommends to the Board that Recommendations I and II of this report be accepted and implemented.

Respectfully submitted,

Robert M. Bowlsby, Chairman

DATE: June 10, 1974

TO: State Board of Technical Registration  
 FROM: Engineering Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on May 15, 16, and 17, 1974, in Phoenix, Arizona, with the following members present:

C. W. Dryden	C. W. Newlin
John Girand	Robert G. Wallace
James L. Knickerbocker	

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:

1. The following applicants having appeared before the committee and satisfied the committee 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

Anderson, Robert Clayton	74-164
Bielefeld, Bernard Francis	74-158
Blawis, John Schuyler	74-214
Connolly, Hugh H.	74-180
Day, Donald Hazen	74-88
Fudge, Edward Arthur	73-753
Fuller, Roger Gary	74-43
Greulich, Bernard James	74-60
Hai, Nisar Ahmed	74-211
Hart, Johnathan Malcolm, Jr.	74-89
Hill, Edwin Leroy	74-233
Himovitz, Philip Freddie	74-175
Jumper, Billy S.	74-82
Kipper, Robert Sloan	74-178
Lange, Thomas Joseph	74-208
Marino, Richard A.	74-157
Novikoff, George Victor	74-113
Palo, John E.	74-90
Patsch, Ludvik Frantisek	74-45
Preator, Rodney Ned	74-135
Read, John Herbert	74-81
Roats, George	74-104
Shaller, Charles Houston	74-138
Swain, Paul Edward	74-220
Tippets, Elvis Harold	74-118
Tuttle, Raymond W.	74-102
Van Dam, Cornelius Arie	74-84
Wilks, David Richard	74-39
Wilson, Dean William	74-97

ELECTRICAL ENGINEERING

Allen, Moses	74-206
Cameron, John MacKenzie	74-56
Fruchter, Ezra Leonard	74-120
Jeffers, Keith Willis	74-174
McDonald, Harold L.	74-150
Newman, Preston Earl	74-202
Nute, John W.	74-136
Rich, Leonard Barnett	74-93
West, Irwin	74-112
Weythman, Vernet Edward	74-124

HIGHWAY ENGINEERING

Boring, John Edward	74-155
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MECHANICAL ENGINEERING

Bishop, James B.	74-205
Boyes, Charles A.	74-123
Hayes, Charles V.	74-40
Kauffman, Kenneth Karl	74-98
Kinnsch, Don L.	74-35
Kumm, Emerson Lawrence	74-185
Langmack, Robert Martin	74-134
Rich, Leonard Barnett	74-94
Stenfort, Harold R.	74-133
Thompson, Robert Lincoln	74-83
Weiss, Harold	74-167

METALLURGICAL ENGINEERING

Winkler, Fred M.	73-514
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## I. Continued

SANITARY ENGINEERING

Hunt, Harold Harvey	74-17
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STRUCTURAL ENGINEERING

Durand, Elliott	74-210
Greulich, Bernard James	74-59
Kesler, James Jensen	74-179
Lawrence, Patrick Edward	74-80
Robertson, Alvin Jack	74-99
Rogahn, Ronald Lee	74-137
Stewart, Edward Robert	74-144

GEOLOGY

Yost, Coyd, Jr. (re-regis #1685)	74-156
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LAND SURVEYING

Edwards, Darrel Wayne	74-168
Malnar, Marion	74-225
Sandberg, James C.	74-132

- 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 November, 1974, examinations:CHEMICAL ENGINEERING

Jansen, Malcolm Lindsay	73-679	Parts 3 and 4
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CIVIL ENGINEERING

Allen, William Richard	74-51	Parts 3 and 4
Bernal, John M.	74-86	Parts 3 and 4
Beydler, Terry Eugene	74-121	Parts 3 and 4
Byrnes, William J.	74-55	Parts 3 and 4
Copeland, Jerry Dan	74-163	Parts 1, 2, 3 and 4
Cruz, Albert Vitales	74-111	Parts 3 and 4
Delp, Roger Allen	74-14	Parts 3 and 4
Erwin, Richard Kent	74-130	Parts 3 and 4
Hight, Elton Thomas	74-199	Parts 3 and 4
Hjalmarson, Hjalmar Winfield	74-177	Parts 3 and 4
Stevens, Alexander Michael	74-107	Parts 3 and 4
Taylor, Lynn Wayne	74-91	Parts 3 and 4
Vodonick, Emil J.	74-79	Parts 3 and 4
Walker, Fred Duane	74-105	Parts 3 and 4
Wilson, Edwin Bruce	74-110	Parts 3 and 4

ELECTRICAL ENGINEERING

Cale, Charles Ellison	74-50	Parts 3 and 4
Carli, Raymond Joseph	74-165	Parts 3 and 4
McGetrick, Jerome Edward	74-131	Parts 1, 2, 3 and 4
Merchant, John Douthit, III	74-49	Parts 3 and 4

HIGHWAY ENGINEERING

Blazzard, Max Sharon	74-166	Parts 1, 2, 3 and 4
Lay, George John	74-173	Parts 1, 2, 3 and 4

## II. Continued

MECHANICAL ENGINEERING

Currie, Jack Burton	73-749	Parts 3 and 4
Frank, George Christy, Jr.	74-197	Parts 1, 2, 3 and 4
Hengen, Philip Joullian	74-212	Parts 3 and 4
McCulloch, Gordon James	74-109	Parts 3 and 4
Zuber, Clarence E., Jr.	74-172	Parts 3 and 4

METALLURGICAL ENGINEERING

Connole, Kent Brian	74-171	Parts 3 and 4
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MINING ENGINEERING

Boggero, Antonio	74-54	Parts 3 and 4
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NUCLEAR ENGINEERING

Stirland, Meade A.	74-92	Parts 1, 2, 3 and 4
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STRUCTURAL ENGINEERING

Cotton, Dudley Page, Jr.	74-87	Parts 3, 4, 5 and 6
Drottar, Stephen Frederick	74-122	Parts 5 and 6
Matthews, Gary David	74-207	Parts 3, 4, 5 and 6

GEOLOGY

Eastman, Ray Alan	74-15	Parts 3 and 4
Euge, Kenneth Michael	73-703	Parts 1, 2, 3 and 4

LAND SURVEYING

Gardiner, Theodore Ernest, Sr.	74-181	Parts 1, 2, 3 and 4
Potts, Robert Clifford	74-37	Parts 3 and 4
Prescott, Adrian Reed	74-139	Parts 1, 2, 3 and 4
Robinson, William Dean	74-147	Parts 1, 2, 3 and 4

Applicant held for the April, 1975, examinations:MINING ENGINEERING

Azimi, Azim Iradj	74-52	Parts 3 and 4
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III. The following applicant having been advised twice he was scheduled to appear before the committee and for his failure to do so, the committee recommends he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Liss, Robert	73-709	Civil Engineer
Stuckey, Robert Leroy	73-710	Civil Engineer

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

*C. W. Newlin*

C. W. Newlin, Chairman

## NOVEMBER SCHEDULE OF EXAMINATIONS

I. SATURDAY, NOVEMBER 9, 1974

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA- Report to Rooms 202 and 206, Geology Building in the College of Mines 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 E.I.T. and G.I.T. applicants held for Subsection I of the in-training exam.

All assaying applicants held for Part I, Assaying Examination.

All professional structural engineering applicants held for Part V, Comprehensive Engineering Design

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, Surveying Techniques.

All E.I.T. and G.I.T. applicants held for Subsection II of the in-training exam.

All assaying applicants held for Part II, Assaying Examination.

All professional structural engineering applicants held for Part VI, Structural Engineering Design

II. SUNDAY, NOVEMBER 10, 1974

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA- Report to Rooms 301 and 303 of the Civil Engineering Building at 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 Principles.

The report of the Engineering Examination Committee meeting on June 25, 1974, was presented by Mr. Dryden, as shown on Minute Pages 3380 through 3390.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the above report of the Engineering Examination Committee meeting be accepted and implemented by the Board. Motion carried.

The engineering application and letters from R. L. Adamson were presented and it was moved by Mr. Dryden and seconded by Mr. Bowlsby that Mr. Adamson's application be denied on the basis of Rule II, E-3, and to reapply when he can appear before the Evaluation Committee. Motion carried with 5 ayes and 2 nays.

It was moved by Mr. Dryden and seconded by Mr. Bowlsby that the following applicants are to be denied for failure to appear for the written examinations as required by the Board within a reasonable length of time. Motion carried.

Arnegard, Cameron Bernhard	72-85	Civil Engineer
Ashing, Carl Maze	73-13	Land Surveyor
Bawden, Thomas D.	73-8	Engineer-in-Training
Bergeon, Joseph S.	72-493	Civil Engineer
Butler, Michael Allen	73-74	Engineer-in-Training
Capron, Tom	73-43	Engineer-in-Training
Cunning, Raymond Dale	70-479	Electrical Engineer
Elledge, Charles Wayne	73-195	Mechanical Engineer
Fiorini, Richard John	72-630	Geologist
Gernandt, Richard Werner	71-230	Civil Engineer
Hanson, Henry J.	72-79	Engineer-in-Training
Hu, William Che-ming	73-151	Structural Engineer
Kram, Aaron M.	73-189	Structural Engineer
Kumar, C. V. Krishna	73-92	Engineer-in-Training
Lindsay, Yoland Lyzbeth	73-80	Engineer-in-Training
Long, Jeffrey Richard	73-1	Geologist-in-Training
Maroufkhani, Dariush	72-213	Architect
Mendola, Frank P.	73-21	Engineer-in-Training
Nelson, Barry Wayne	73-4	Landscape Architect-in-Training
Osley, William S.	73-124	Engineer-in-Training
Saliba, David L.	73-124	Engineer-in-Training
Smillie, Braven Robert	73-93	Geologist
Smith, Wiley Ricks	72-106	Engineer-in-Training
Thomas, Kenneth James Peter	73-83	Engineer-in-Training
Utley, Wallace Ralph	71-3	Mechanical Engineer
Webb, Paul Thomas, Jr.	68-345	Civil Engineer

It was moved by Mr. Dryden and seconded by Mr. Girard that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

Barnhart, Gary Eugene	74-85	Civil Engineer
Baticados, Hector Haguian	74-53	Mechanical Engineer
Bigelow, William Hart, III	73-30	Architect-in-Training
Buckley, Terry V.	72-103	Engineer-in-Training
Deaton, Joseph Kent	73-643	Electrical Engineer
Durand, Elliott	74-190	Civil Engineer

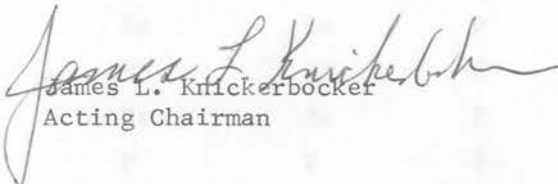
REPORT OF THE ENGINEERING EXAMINATION COMMITTEE

The Engineering Examination Committee met on June 25, 1974, to review the results of the examinations given in April, 1974, with the following members present:

- John Strand
- James L. Knickerbocker
- Robert G. Wallace

The committee recommends that the examination results as shown on the pages following this report be so certified and that this report be accepted and implemented.

Respectfully submitted,

  
James L. Knickerbocker  
Acting Chairman

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<b>CHEMICAL ENGINEERING</b>						
72-215	Ginand, Philip M.	Ex	Ex	F	P	
73-469	Gutierrez, Gilbert T.	Ex	Ex	F	P	4
73-302	Suydam, Coe D., Jr.	Ex	Ex	F	F	
<b>CIVIL ENGINEERING</b>						
* 73-747	Allan, David Harold	Ex	Ex	P	P	3,4
74-34	Almaraz, Andrew O.	Ex	Ex	F	F	
* 73-9	Atkinson, Charles H.	P	P	P	P	4
* 72-431	Beene, James Ralph	P	P	P	P	4
70-58	Bertella, Guido J.	F	F	F	P	
* 73-14	Blakley, Ross D., Jr.	P	P	P	P	4
* 73-766	Boring, William W.	Ex	Ex	P	P	3,4
* 73-665	Brooks, Arthur Neal	P	P	P	P	3,4
* 73-500	Burke, James Ray	Ex	Ex	P	P	3,4
* 73-560	Burns, John Charles	P	P	P	P	3,4
73-448	Cary, Thomas I.	P	P	P	F	1,2,3
* 73-388	Cornell, Christopher S.	P	P	P	P	3,4
69-368	Covington, Edward B.	F	F	F	P	
* 74-27	Crotty, Patrick A.	Ex	Ex	P	P	3,4
72-95	Dadisman, Lawrence D.	Ex	Ex	P	F	
* 72-279	Dale, Edward E.	Ex <sup>4</sup>	Ex	P	P	4
70-311	Dalrymple, Guerry M.	F	F	F	P	
72-357	Dossey, Ray	F	P	F	P	
* 73-390	Drew, Curtis Dean	Ex	Ex	P	P	3,4
* 74-19	Engle, William E.	Ex	Ex	P	P	3,4
70-406	Eychner, Richard M.	P	F	P	P	3
73-549	Farrell, Robert D.	Ex	Ex	P	F	3
73-558	Figuroa-Iturralde, A.	Ex	Ex	F	P	4
73-473	Fimbres, Frank, Jr.	P	P	F	P	4
73-708	Fisher, Ronald C.	Ex	Ex	F	P	4
72-436	Fletcher, Edward C.	Ex	Ex	P	F	3
* 73-437	Fontes, Eugenio R.	P	P	P	P	3,4
71-365	Francom, Paul Glen	P	P	P	F	
73-72	Free, Roger Allen	P	F	F	P	4
* 73-605	Gookin, William S., Jr.	Ex	Ex	P	P	3,4
73-392	Green, Donald E.	P	P	P	F	
72-309	Guild, Kirke L.	P	P	F	P	4



NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>CIVIL ENGINEERING - Cont'd.</u>						
* 73-322	Hassett, Steven J.	Ex	Ex	P	P	3
73-34	Hudson, John T.	F	P	F	F	
* 73-516	Huss, Conrad E.	P	P	P	P	3,4
73-135	Im, Heung Soon	Ex	Ex	F	F	
* 72-458	Jacobs, Carley W.	Ex	Ex	P	P	4
73-421	Jeang, Hann Shang	Ex	Ex	P	F	3
* 72-500	Jenesok, Eugene I.	P	P	P	P	2
* 70-430	Jones, Jerry Ray	Ex	Ex	P	P	3
* 73-740	Jordan, Raymond C.	P	P	P	P	1,2,3,4
69-270	Kirdar, Edib	Ex	Ex	F	P	
* 73-682	Kruse, James A.	P	P	P	P	3,4
* 73-725	Lee, Vance G.	P	P	P	P	3,4
* 73-477	Lohr, John Louis	Ex	Ex	Ex	P	4
72-219	Louviere, Edward	F	F	P	F	
73-261	Lynck, James L.	P	P	Ext.	P	1,2
72-216	McFadden, Gene R.	Ex	Ex	Ex	F	
* 73-762	Mahoney, Robert D.	P	P	P	P	3,4
69-410	Mathein, Fredrick J.	F	F	P	P	
71-472	Matthews, L. E., Jr.	P	P	P	F	3
72-654	Ondoy, Oscar S.	Ex	Ex	F	P	
70-260	Phelps, Donald G.	P	F	F	F	
* 73-751	Pressnall, Don C.	Ex	Ex	P	P	3,4
* 74-18	Rautmann, James N.	Ex	Ex	P	P	3,4
70-363	Rupe, Robert W.	P	P	F	P	
* 72-453	Schmidt, Ernest	P	P	P	P	4
72-461	Stramandinoli, F. E.	Ex	Ex	F	F	
73-389	Toscano, Gerald J.	Ex	Ex	F	F	
* 73-535	Tweet, Lyle M.	Ex	Ex	P	P	3,4
* 74-8	Wagoner, Robert R.	Ex	Ex	P	P	3,4
73-764	Way, George Bert	P	P	P	F	3
* 73-502	Weidman, Brent H.	Ex	Ex	P	P	3,4
72-373	Wier, Michael P.	F	P	P	P	2,4
* 73-38	Wong, Hong	Ex	Ex	P	P	4
71-513	Yoder, Dan S.	Ex	Ex	P	F	
69-166	Ziegler, Lawrence L.	P	P	F	P	

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>ELECTRICAL ENGINEERING</u>						
73-726	Aadland, Donald I.	P	P	P	F	3
* 73-277	Barry, Michael J.	Ex	Ex	P	P	3,4
* 74-26	Berg, Lawrence	Ex	Ex	P	P	3,4
73-510	Culver, Larry E.	F	F	P	P	3,4
68-140	Dubin, Thomas	Ex	Ex	F	P	
73-430	Fortney, Durward F.	P	F	F	P	4
* 73-618	Haddock, R. W., Sr.	Ex	Ex	P	P	3,4
* 74-44	Jensen, Robert E., Jr.	Ex	Ex	P	P	3,4
72-487	Loar, James Alpha	F	F	P	F	3
73-704	Lundmark, George E.	Ex	Ex	F	F	
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
73-326	Nordholm, Lloyd P.	P	F	P	P	1,4
73-685	Perdomo, Mauricio	F	F	P	P	3,4
* 72-496	Valenzuela, Humberto	P	P	P	P	4

GEOLOGICAL ENGINEERING

70-226	Youell, James R.	P	F	F	P	
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HIGHWAY ENGINEERING

72-151	Beckham, Oscar M.	F	P	P	P	
68-21	Cantrell, Harvey G.	F	P	F	P	2
66-295	Evans, James M.	Ex	Ex	F	P	
73-44	Key, Orin William	F	F	P	F	
66-144	Minter, Charles B.	Ex	Ex	F	P	
73-739	Nizlek, Martin C.	Ex	Ex	P	F	3
70-413	Patty, John H.	F	F	F	P	
71-285	Saban, Johnny	F	F	F	F	
73-290	Snyder, Jack D., Sr.	F	F	P	F	
72-542	Strouse, David F.	F	F	F	P	
67-154	Webb, Nelden	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	P	

MECHANICAL ENGINEERING

* 73-745	Criger, Robert B.	Ex	Ex	P	P	3,4
* 72-352	Fromm, Richard G.	P	P	P	P	3
73-142	Gomez, Paul Ruiz	P	P	P	F	
* 74-1	Gomez, William H.	Ex	Ex	P	P	3,4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>MECHANICAL ENGINEERING - Cont'd.</u>						
* 73-294	Guenther, Jonathan P.	Ex	Ex	P	P	4
71-279	Haak, Charles E.	F	P	F	P	
* 73-650	Hockett, John E., III	Ex	Ex	P	P	3,4
72-599	Hoffarth, Richard C.	P	P	F	F	
* 73-715	Iacobelli, Rocco F.	Ex	Ex	P	P	3,4
* 73-532	Jackson, David Lee	P	P	P	P	3,4
72-354	John, James C.	F	F	P	P	
* 73-651	Killpack, Russell K.	Ex	Ex	P	P	3,4
* 73-742	LaDuc, James Francis	Ex	Ex	P	P	3,4
* 72-465	Leivian, Robert J.	Ex	Ex	P	P	3
* 73-738	Mansfield, William A.	P	P	P	P	3,4
* 73-242	Miller, Allan D.	Ex	Ex	P	P	3,4
70-432	Miller, Marion E.	F	F	F	P	
* 73-647	Nelson, Harold D.	Ex	Ex	P	P	3,4
* 73-610	Phalen, William J.	P	P	P	P	3,4
* 73-678	Reed, Ronald Gene	Ex	Ex	P	P	3,4
* 73-144	Sampson, Walter E.	Ex	Ex	P	P	4
* 74-31	Snell, Dale Wayne	Ex	Ex	P	P	3,4
73-356	Watson, William E.	Ex	Ex	F	P	4

METALLURGICAL ENGINEERING

73-554	Krist, Ervin E.	Ex	Ex	P	F	3
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MINING ENGINEERING

* 73-547	Couzens, Thomas R.	Ex	Ex	P	P	3,4
72-611	Dugan, Doyle Julius	Ext.	Ext.	F	P	
73-394	Hartley, Thames E.	F	F	F	P	4
* 73-672	Hendricks, Robert S.	Ex	Ex	P	P	3,4
9414	Krebs, David Emil (for record only)	F	F	P	P	
* 73-108	Robles, Manuel A.	Ex	Ex	P	P	3

NUCLEAR ENGINEERING

73-114	McDonald, Harold L.	Ex	Ex	Ex	F	
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NO.	NAME	Part I	Part II	Part III	Part IV	Passed		
<u>SANITARY ENGINEERING</u>								
* 72-660	Erickson, Charles T.	Ex	Ex	P	P	3		
<u>STRUCTURAL ENGINEERING</u>								
		Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
74-32	Amin, Kamal	Ex	Ex	P	P	F	P	3,4,6
73-447	Glenn, Edward S.	Ex	Ex	Ex	Ex	F	F	
73-507	Herman, Richard C.	Ex	Ex	Ex	Ex	F	F	
73-567	Hewitt, Frederick M.	Ex	Ex	Ex	Ex	F	F	
* 73-517	Huss, Conrad E.	P	P	Ex	Ex	P	P	5,6
* 73-470	Lee, Ray C.	Ex	Ex	P	P	P	P	5
* 73-711	Lin, David S.	Ex	Ex	Ex	Ex	P	P	5,6
73-352	Locke, James D.	Ex	Ex	P	F	P	F	5
73-40	Ochoa-Romero, Ramon B.	Ex	Ex	P	P	P	F	5
73-731	Oeltman, John D.	P	P	P	P	F	P	3,4,6
73-622	Trepanier, Charles L.	Ex	Ex	Ex	Ex	P	F	5
<u>GEOLOGY</u>								
		Part I	Part II	Part III	Part IV	Passed		
* 73-611	Greenslade, William	Ex	Ex	P	P	3,4		
73-760	Landry, John J.	Ex	Ex	F	F			
72-656	Ross, Donald E.	F	F	F	P			
72-511	Shearer, Joseph E.	Ex	Ex	F	P	4		
<u>LAND SURVEYING</u>								
		Part I	Part II	Part III	Part IV	Passed		
* 73-668	Ball, Robert A.	P	P	P	P	1,2,3,4		
72-419	Bedford, Dennis W.	P	F	P	P	1		
74-30	Behnke, Ronald E.	F	P	F	F	2		
73-295	Boling, Oscar C.	Ex	Ex	F	F			
73-107	Brown, James A.	P	P	P	F	3		
73-515	Butler, Gene O.	F	F	F	F			
73-71	Carlson, Lonny B.	P	P	F	F			
72-250	Cocio, Eddie Y.	F	P	P	F	3		
* 71-405	Coggin, Horace M.	P	P	P	P	3,4		
72-653	Engle, Thomas E.	F	P	F	F			
71-148	Garcia, Ernest G.	F	P	F	P			
73-734	Gill, Vern Edward	F	P	F	F	2		
70-289	Hendrix, Robert	F	P	P	P	3		

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
LAND SURVEYING - Cont'd.						
73-145	Hightower, Robert P.	F	DNA	DNA	DNA	
* 73-713	Huber, Floyd R.	P	P	P	P	1,2,3,4
73-366	Hurst, Timothy J.	P	P	F	P	
* 70-383	Knighton, Howard H.	P	P	P	P	3
73-694	Landon, Robert P.	P	P	F	P	1,2,4
72-398	Latham, James C.	F	F	F	F	
74-47	Leonard, John F.	P	P	F	F	1,2
* 71-407	Morey, Donald A.	P	P	P	P	2
72-128	Pellow, Stanley C.	P	P	F	P	4
73-91	Remington, James E.	P	P	F	F	1,2
69-77	Torres, Alfonso	P	F	P	F	
* 73-600	Trevino, Nemesio A.	Ex	Ex	P	P	3,4
* 71-313	Woolery, Robert C.	Ex	Ex	P	P	3
73-343	York, Edward M.	P	P	F	F	

## ENGINEER-IN-TRAINING

## Grade

74-4	Aden, Timothy Lee	P
74-108	Alfier, William P.	P
74-66	Armbrust, James Charles	P
74-77	Arnold, James Mark	P
73-54	Arollo, Abram Henry	F
72-88	Atherton, Robert Bruce	P
74-17	Ayers, James R.	F
73-13	Bagby, Philip S.	F
74-52	Bailey, Clifford Leighton	P
74-45	Barrass, Gary C.	P
74-51	Barrett, Brian Bernard	P
74-86	Batt, Norman A.	P
74-29	Baughman, David	P
73-15	Beal, James Franklin	F
74-43	Booth, George Loring	P
74-20	Bowen, Mark Stephen	P
74-3	Boyce, John Thomas	P
74-90	Boyle, James A.	F
74-63	Charrow, Arthur M.	P
74-30	Clawson, Christopher Ray	P

NO.	NAME	Grade
<u>ENGINEER-IN-TRAINING</u>		
74-81	Cleaver, Randolph Phillip	P
73-146	Collins, Charles A., Jr.	P
74-47	Connor, Floyd T.	F
74-39	Cornett, Dan H.	P
74-41	Cuave, Russell	P
74-36	Cureton, Charles Wade	P
74-26	Curtis, DeWayne Dean	F
74-75	DeHaven, Timothy W.	P
74-94	Demchak, Leonard J.	P
72-8	Donaldson, George	F
74-5	Dowdy, Robert Green	P
73-108	Edwards, Ernest F., Jr.	P
74-67	Ferruzza, Charles Vincent	P
74-15	Figy, Eugene Richard	F
74-99	Foote, K. Randall	P
74-64	Franklin, James Russell	P
74-54	Fulbright, Douglas Bruce	F
74-70	Gaffin, Robert Clayton	F
74-14	Gauna, Michael	P
74-104	Gauntlett, William David	F
74-55	Genteman, Richard A.	P
74-32	Ghan, Robert James	P
74-60	Gollhofer, William V.	P
74-82	Grundstedt, Steven H.	P
74-12	Guest, Ronald E.	P
74-40	Gulur, V. Rao	F
74-97	Haire, Steven A.	P
74-27	Haldane, Leslie Philip	P
74-93	Hall, F. Scott	F
74-91	Hall, Harold Eugene	P
74-105	Hamer, Fred Milton, III	P
74-89	Harbour, Glenn Richard, Jr.	P
74-19	Haskell, Gregg Owen	P
74-100	Haywood, Vernon V., Jr.	P
74-113	Hester, Charles Denver	P
74-48	Hildebrand, Stephen Boardman	P
74-72	Holland, Barbara Louise	P

NO.	NAME	Grade
ENGINEER-IN-TRAINING		
74-71	Hom, Moon Jung, Jr.	P
74-10	Howe, William Jeffrey	P
74-110	Hume, Jack William	F
72-86	Hutson, Ronald C.	F
74-2	Irwin, Thomas William, Jr.	P
74-65	Jaffe, William Stephen	P
74-102	Jefferson, Francis Thomas	P
73-145	Jenks, John D.	F
74-68	Kaufmann, John Edson	P
74-85	Kellogg, Deidre Ann	P
74-80	Kelm, Robert L.	P
74-84	Kenyon, Scott Alan	P
74-18	Kitt, John Andrew	P
74-23	Lane, James C., III	P
74-73	Lantz, David L.	P
74-6	Lusby, Ralph William, Jr.	P
73-81	Lyon, Dean A.	P
66-44	McCassalin, Wade L.	F
74-111	McClain, Patrick H.	P
74-50	McClanahan, Keith John	P
73-87	McNulty, Raymond J.	F
72-41	Maier, Michael M.	P
73-139	Masowdi, Amir M.	F
73-11	Mastin, Richard A.	F
74-88	Mihalek, Jay	P
73-90	Moya, Moses David, Jr.	F
74-76	Myers, Neil James	F
74-31	Ng, Harry W.	P
73-127	Nishkian, Levon Hall	P
74-46	Pendleton, Mark J.	F
74-92	Peterson, Donald R.	P
74-95	Prust, Randall S.	P
74-22	Rausch, Robert Ralph	F
74-56	Rencher, Don S.	P
74-44	Reynoso, Alejandro	P
74-11	Robson, Daniel Craig	P

NO.	NAME	Grade
ENGINEER-IN-TRAINING		
74-21	Rogers, Gary William	P
73-91	Rose, Bryant Ray	F
74-33	Rose, Steven Alan	P
72-78	Rosenstock, Hubert	F
74-115	Rosness, Martin H.	P
74-112	Saldivar, Adolfo	P
73-94	Sands, Thomas G.	P
74-1	Schumm, Richard Warren	P
74-96	Schwindt, Jon C.	F
74-57	Shanta, Paul Joseph	P
74-58	Sherwood, Steven Jay	P
74-34	Shields, Christopher O.	P
73-96	Shields, Clarence Robert	F
73-115	Simon, Robert John	P
74-103	Smith, Robert William	P
74-53	Stanich, Mikel J.	P
74-79	Stevens, Halley	P
74-87	Stewart, James Edward Byron	F
73-99	Sullivan, Paul Eugene	P
72-127	Swan, Jeffrey A.	P
74-74	Tanner, Delbert Hodges	P
74-78	Taylor, Douglas Boyd	F
74-59	Taylor, Ronald Lloyd	F
74-13	Thompson, Richard Roy	P
74-8	Touseull, Jack Arthur	P
74-109	Trushart, Richard L., W.	P
74-114	Van Buskirk, Harold Bryan	P
74-69	Waleski, William Edmund	P
74-7	Walliman, Greg G.	F
74-25	Webster, James Thomas	F
74-38	Webster, Joseph Anthony	P
74-28	Weeks, David Kendall	P
74-24	Williamson, Kenneth L.	P
74-83	Wilson, Peter	P
74-16	Wootan, Jeffrey Robert	P



NO.	NAME	Grade
<b>ENGINEER-IN-TRAINING</b>		
74-35	Yang, Thomas S.	F
74-42	Yee, Richard	P
74-29	Zivec, Lucien P.	P

NO.	NAME	Grade
<b>GEOLOGIST-IN-TRAINING</b>		
73-2	Cousins, Noel B.	P
74-1	Henkle, William Randolph, Jr.	F
74-3	Roesler, Alan L.	F
74-2	Scacifero, Anthony J.	P

NO.	NAME	NO.	NAME
9387	Allen, David Harold	9620	Allen, David Harold
9388	Anderson, Robert Clayton	9621	Anderson, Robert Clayton
9389	Arbuckle, Charles E.	9622	Arbuckle, Charles E.
9390	Baker, James Ralph	9623	Baker, James Ralph
9391	Barstow, Donald Francis	9624	Barstow, Donald Francis
9392	Bickley, Ross Douglas, Jr.	9625	Bickley, Ross Douglas, Jr.
9393	Bledsoe, John Schuyler	9626	Bledsoe, John Schuyler
9394	Boring, William Warren	9627	Boring, William Warren
9395	Bricker, Arthur Paul	9628	Bricker, Arthur Paul
9396	Burke, James Ray	9629	Burke, James Ray
9397	Burns, John Charles	9630	Burns, John Charles
9398	Cassidy, Hugh K.	9631	Cassidy, Hugh K.
9399	Chapman, Christopher P.	9632	Chapman, Christopher P.
9400	Cinery, Patrick Aubrey	9633	Cinery, Patrick Aubrey
9401	Cole, Edward L.	9634	Cole, Edward L.
9402	Coy, Donald James	9635	Coy, Donald James
9403	Crew, Corvix Dean	9636	Crew, Corvix Dean
9404	Cogle, William Eugene	9637	Cogle, William Eugene
9405	Couture, Eugene Joseph	9638	Couture, Eugene Joseph
9406	Culpeper, Edward Arthur	9639	Culpeper, Edward Arthur
9407	Dallas, Roger Gary	9640	Dallas, Roger Gary
9408	Davies, William Graham, Jr.	9641	Davies, William Graham, Jr.
9409	Demicheli, Bernard James	9642	Demicheli, Bernard James
9410	DeWitt, Walter Edward	9643	DeWitt, Walter Edward
9411	Dick, Johnathan Malcolm, Jr.	9644	Dick, Johnathan Malcolm, Jr.
9412	Dunbar, Steven James	9645	Dunbar, Steven James
9413	Dunn, North James	9646	Dunn, North James
9414	Dunneley, Philip Thomas	9647	Dunneley, Philip Thomas
9415	Dunn, Conrad Eugene	9648	Dunn, Conrad Eugene
9416	Duncan, Carley William	9649	Duncan, Carley William
9417	Dunlop, Robert L.	9650	Dunlop, Robert L.
9418	Dunn, Jerry Ray	9651	Dunn, Jerry Ray
9419	Doran, Edward Charles	9652	Doran, Edward Charles

Ellsworth, Paula Mary	74-1	Architect-in-Training
Geiger, David Howard	73-664	Civil Engineer
Hall, W. Richard	73-501	Civil Engineer
Hightower, Robert Paul	73-145	Land Surveyor
Jagannath, Kudavalli Nanjudiah	73-95	Engineer-in-Training
Kurath, John Robert	73-7	Architect-in-Training
Mitchell, William A.	73-202	Highway Engineer
Scofield, Jan Paul	74-100	Chemical Engineer
Sharma, Shashi Kant	74-98	Engineer-in-Training
Suhre, Raymond Edward	73-673	Mechanical Engineer
Walker, Dred Duane	74-106	Land Surveyor
Zuck, Alfred Christian	73-595	Mechanical Engineer

It was moved by Mr. Dryden and seconded by Mr. Girard 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

Abramson, Joseph L.	9587
Avery, Russell Durfee	9588
Bernheim, Fred L.	9589
Boland, Robert L.	9590
Bryar, Norman Leon	9591
Christian, Donald Gilbert	9592
Cook, Lawrence David Patrick	9593
Craycroft, John Thomas	9594
Franczak, Roman	9595
Gallion, Alan L.	9596
Goss, Calvin Wendol	9597
Hill, John Jay	9598
Howard, Ted Allen	9599
Kekst, Keeva Joseph	9600
Koehnlein, Thomas Hendrik	9601
Lee, Richard W. S.	9602
Legan, Joseph Robert, Jr.	9603
Lundeen, Gerald Charles	9604
McQueen, Daniel Duane	9605
Maetzold, Kenneth Charles	9606
Macy, Alfonso	9607
Meland, Edmund	9608
Meyer, Gerald Erwin	9609
Palmer, Neil Stanton	9610
Pniewski, Joseph R.	9611
Shirley, Leon Wilfred	9612
Smith, Donald Charles	9613
Smith, Stanley Monroe	9614
Steene, Albert Louis	9615
Svob, Arthur Donald	9616
Trust, Eugene Joseph	9617
Varwig, Harry Julius	9618
Ward, Michael Lee	9619

CIVIL ENGINEERING

Allan, David Harold	9620
Anderson, Robert Clayton	9621
Atkinson, Charles H.	9622
Beene, James Ralph	9623
Bielefeld, Bernard Francis	9624
Blakley, Ross Douglas, Jr.	9625
Blawis, John Schuyler	9626
Boring, William Warren	9627
Brooks, Arthur Neal	9628
Burke, James Ray	9629
Burns, John Charles	9630
Connolly, Hugh H.	9631
Cornell, Christopher S.	9632
Crotty, Patrick Adrian	9633
Dale, Edward E.	9634
Day, Donald Hazen	9635
Drew, Curtis Dean	9636
Engle, William Eugene	9637
Fontes, Eugenio Rene	9638
Fudge, Edward Arthur	9639
Fuller, Roger Gary	9640
Gookin, William Scudder, Jr.	9641
Greulich, Bernard James	9642
Hai, Nisar Ahmed	9643
Hart, Johnathan Malcolm, Jr.	9644
Hassett, Steven James	9645
Hill, Edwin Leroy	9646
Himovitz, Philip Freddie	9647
Huss, Conrad Eugene	9648
Jacobs, Carley William	9649
Jencsok, Eugene I.	9650
Jones, Jerry Ray	9651
Jordan, Raymond Charles	9652

Continued.....

CIVIL ENGINEERING - Cont'd.

Jumper, Billy S.	9653
Kipper, Robert Sloan	9654
Kruse, James August	9655
Lange, Thomas Joseph	9656
Lee, Vance Gerard	9657
Lohr, John Louis	9658
Mahoney, Robert Donald	9659
Marino, Richard A.	9660
Novikoff, George Victor	9661
Palo, John E.	9662
Patsch, Ludvik Frantisek	9663
Preator, Rodney Ned	9664
Pressnall, Don Colin	9665
Rautmann, James Norman	9666
Read, John Herbert	9667
Roats, George	9668
Schmidt, Ernest	9669
Shaller, Charles Houston	9670
Swain, Paul Edward	9671
Tippets, Elvis Harold	9672
Tuttle, Raymond W.	9673
Tweet, Lyle Marvin	9674
Van Dam, Cornelius Arie	9675
Wagoner, Robert R.	9676
Weidman, Brent Henry	9677
Wilks, David Richard	9678
Wilson, Dean William	9679
Wong, Hong	9680

ELECTRICAL ENGINEERING

Allen, Moses	9681
Barry, Michael John	9682
Berg, Lawrence	9683
Cameron, John MacKenzie	9684
Fruchter, Ezra Leonard	9685
Haddock, Robert Wayne, Sr.	9686
Jeffers, Keith Willis	9687
Jensen, Robert Eugene, Jr.	9688
McDonald, Harold L.	9689
Newman, Preston Earl	9690
Nute, John W.	9691
Rich, Leonard Barnett	9692
Valenzuela, Humberto	9693
West, Irwin,	9694
Weythman, Vernet Edward	9695

HIGHWAY ENGINEERING

Boring, John Edward	9696
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MECHANICAL ENGINEERING

Bishop, James B.	9697
Boyes, Charles A.	9698
Criger, Robert Bruce	9699
Fromm, Richard George	9700
Gomez, William H.	9701
Guenther, Jonathan Paul	9702
Hayes, Charles V.	9703

MECHANICAL ENGINEERING - Cont'd.

Hockett, John Edwin, III	9704
Iacobelli, Rocco Fred	9705
Jackson, David Lee	9706
Kauffman, Kenneth Karl	9707
Killpack, Russell Keith	9708
Kinnsch, Don L.	9709
Kumm, Emerson Lawrence	9710
LaDuc, James Francis	9711
Langmack, Robert Martin	9712
Leivian, Robert Joseph	9713
Mansfield, William Allen	9714
Miller, Allan Donald	9715
Nelson, Harold Duane	9716
Phalen, William Joseph	9717
Reed, Ronald Gene	9718
Rich, Leonard Barnett	9719
Sampson, Walter Eugene	9720
Snell, Dale Wayne	9721
Stenfort, Harold R.	9722
Thompson, Robert Lincoln	9723
Weiss, Harold	9724

METALLURGICAL ENGINEERING

Winkler, Fred M.	9725
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MINING ENGINEERING

Couzens, Thomas Roger	9726
Hendricks, Robert Shaw	9727
Robles, Manuel Arthur	9728

SANITARY ENGINEERING

Erickson, Charles Thomas	9729
Hunt, Harold Harvey	9730

STRUCTURAL ENGINEERING

Durand, Elliott	9731
Greulich, Bernard James	9732
Huss, Conrad Eugene	9733
Kesler, James Jensen	9734
Lawrence, Patrick Edward	9735
Lee, Ray Chengkuei	9736
Lin, David Shu-Nai	9737
Robertson, Alvin Jack	9738
Rogahn, Ronald Lee	9739
Steward, Edward Robert	9740

GEOLOGY

Greenslade, William Murray	9741
Yost, Cloyd, Jr. (re-regis.)	1685

LANDSCAPE ARCHITECTURE

Nemetz, Stephen Joseph, II	9742
Wood, Kenneth Wynn	9743

LAND SURVEYING

Ball, Robert Alan	9744
Coggin, Horace Mason	9745

Continued.....

LAND SURVEYING - Cont'd.

Edwards, Darrel Wayne	9746	Morey, Donald Arthur	9750
Huber, Floyd Richard	9747	Sandberg, James C.	9751
Knighten, Howard Henry, Jr.	9748	Trevino, Nemesio Alberto	9752
Malnar, Marion	9749	Woolery, Robert Crow	9753

It was moved by Mr. Dryden and seconded by Mr. Wyatt that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Armbrust, James Charles	1311
Atherton, Robert Bruce	1312
Barrett, Brian Bernard	1313
Cook, Gary Murchison	1314
Coronado, Alex R.	1315
Dill, Joyce	1316
Franklin, James Russell	1317
Chan, Robert James	1318
Graves, Albert Lynn	1319
Hadley, Micahel C.	1320
Haire, Steven A.	1321
Hall, Harold Eugene	1322
Holland, Barbara Louise	1323
Jaffe, William Stephen	1324
Jefferson, Francis Thomas	1325
Joudeh, Jan Leslie	1326
Kahl, John S.	1327
Kenyon, Scott Alan	1328
Lane, James C., II	1329
Lawrence, Becky Sayre	1330
Maier, Michael M.	1331
Martin, Thomas L.	1332

ENGINEER-IN-TRAINING - Cont'd.

Moon, Richard Brian	1333
Nelson, Michael King	1334
Ng, Harry W.	1335
Peterson, Donald R.	1336
Rose, Steven Alan	1337
Rosness, Martin H.	1338
Saldivar, Adolfo	1339
Sherwood, Steven Jay	1340
Smith, Karen C.	1341
Swan, Jeffrey A.	1342
Thompson, Richard Roy	1343
Van Sande, Gregory Keith	1344
Waleski, William Edmund	1345
Williamson, Kenneth L.	1346
Wilson, Edwin Bruce	1347
Yee, Richard	1348
Young, Benny J.	1349

GEOLOGIST-IN-TRAINING

Cousins, Noel B.	15
Scacifero, Anthony J.	16

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Wyatt reported on his attendance at the Annual Meeting of the National Council of Architectural Registration Boards in Dallas, Texas, on June 19-22, 1974., and stated that the architectural examination dates because of security will need to be given on the same dates across the nation. He stated problems are beginning to appear on the professional examination and about 50% of the states reported applicants are required to take the equivalency examination, but it will probably be phased out in two years. There are two states which require graduation from an accredited college and many states are now requiring two years of experience instead of three years. An internship program is being considered in which his architectural experience will carry him all the way through five years of study and three years of giving him professional guidance from the state level instead of school level. It is my feeling that the educators are more interested in graduates of an accredited school instead of qualified applicants. Mr. Wyatt stated he was now a member of the Executive Committee of N.C.A.R.B. and needed authoriation to travel to their next meeting in September. It was moved by Mr. Dryden and seconded by Mr. Wallace that Mr. Wyatt be authorized to attend this meeting. Motion carried.

The Executive Director reported on the Western Zone meeting of the National Council of Engineering Examiners in May in San Diego and one of the most significant points brought out at that meeting was that examination grading by Educational Testing Service will be discontinued. They will be graded by N.C.E.E. in the future.

#### REPORT OF THE BUDGET COMMITTEE

##### Technical Registration Fund

The Technical Fund Balance as of June 30, 1974, will be approximately \$137,000. The amount of receipts allocated to the Fund during the year was \$123,225 and expenses were \$106,430.

With expenses for 1974-1975 estimated at \$130,000, and with income projected somewhat greater with increased registrations, it is expected that income and expenditures will be about equal for the ensuing year.

The amount of expenditures, \$106,430, is within 1½% of the \$108,000 originally appropriated by the Legislature, and the supplemental appropriation was not necessary. The amount expended was 11% greater than the 1972-73 amount of \$96,000.

The legislative appropriation for 1974-1975 is \$130,000 and it is suggested that the budget request for 1975-1976, required for submittal August 30, 1974, be approximately \$150,000. This amount provides for an additional clerk-typist in event of increased volume.

It was moved by Mr. Place and seconded by Mr. Vanlandingham that the report be adopted. Motion carried.

#### REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #4, as shown on Minute Page 3395, was presented and it was moved by Mr. Girand and seconded by Mr. Place that the Cash Flow Report #4 be accepted. Motion carried.

#### READING OF COMMUNICATIONS

Letter from M. J. Sienerth, Director, City of Phoenix Building & Housing Safety Department, was presented as shown on Minute Pages 3396 and 3397. In discussing the letter from Mr. Sienerth, the Board felt the City Electrical Code was in violation of the law regarding the 500 KVA requirement. The Chairman referred this letter to the Injunctive Power Committee.

Letter from Michael Baker, Jr., Civil Engineering and Land Surveying applicant, was presented as shown on Minute Page 3398. It was moved by Mr. Dryden and seconded by Mr. Girand that Mr. Baker be advised that he is to appear at the Evaluation Committee meeting set up in August or his application will be denied. Motion carried.

CASH FLOW REPORT - #4

DATE: June 20, 1974

Balance on Deposit as of July 1, 1973 - \$120,209.60

Balance on Deposit as of Report Date - \$243,434.84

Total Allocated Receipts to Technical Fundas of Report Date - \$123,225.24

Technical Fund Balance as of Report Date - \$143,341.56

LUMP SUM APPROPRIATED	\$108,000.00
Supplemental Appropriation	<u>12,000.00</u>
	\$120,000.00

<u>Expenditures</u>	<u>Amount</u>	<u>Estimated til End of FY</u>
Personal Services	\$39,416.03	\$2,528.00
Employee Related Costs	4,745.52	450.00
Travel (In & Out of State)	2,846.48	1,250.00
Data Processing	2,769.51	200.00
Professional Services	9,636.78	10,345.00
Office Supplies	4,808.63	800.00
Postage	3,613.51	860.00
Annual Report & Photo.	7,159.05	800.00
Telephone	1,854.62	--
Rent - Office & Meeting Room	9,180.25	--
Rent - Xerox	731.86	62.00
Dues & Subscriptions	1,706.60	--
Office Equipment	337.57	--
Microfilm	182.02	--
Revolving Fund	20.00	--
Refunds	<u>126.00</u>	<u>--</u>
Amount Spent to Date	\$ 89,134.43	\$17,295.00
Balance of Appropriated Monies	\$ 30,865.57	\$13,570.57



CITY  
OF  
PHOENIX

BUILDING AND HOUSING SAFETY DEPARTMENT

03396

May 1, 1974

Mr. Edward G. Drewry  
Executive Director  
State Board of Technical Registration  
1645 West Jefferson Street  
Phoenix, Arizona 85007

Dear Mr. Drewry:

Thank you for your letter of April 10, 1974, and I am sorry it took so long to get an answer back to you.

The provisions that you mention have been in the Phoenix Code for a number of years and were thoroughly discussed at Committee meetings for approximately nine months. Members of the Committee included architects, engineers, contractors, home builders, etc.

Concerning the second paragraph of your letter, I want to assure you that all plans, whether they are prepared by an architect, an engineer, or a contractor, are thoroughly reviewed for compliance with the Electrical Code to prevent any serious safety hazards.

In most cases, where a 500 kva service is used, the building could cost more than \$50,000, and under our Code any building that is not constructed in accordance with Part 28 of the Code, which covers minor buildings, the plans have to be sealed by an architect or engineer registered in the State of Arizona. In many cases the construction cost of such buildings is less than \$50,000 and are sealed by an architect or engineer registered in the State of Arizona.

Concerning the last part of the third paragraph, I have no comment except to say that I have no intention of telling the Board how to enforce their law.

I should point out to you that the 500 kva you mentioned refers to the disconnecting means and the total service load restriction is 100 kva. A proposal by the Electric Consulting Engineers has been made to reduce this to 50 kva; the proposal will be presented to the Building and Safety Advisory Board at their next regular meeting.

03397

Mr. Edward G. Drewry

MICHAEL BAKER, JR., INC.  
CONSULTING ENGINEERS

-2-

May 1, 1974

I will be happy to answer any questions that you may have.

Respectfully,



M. J. SIENERTH, Director

MJS:dt

cc: Mr. Wold )  
Mr. Carey) w/Att.  
Mr. Blake)

Arizona State Board of Technical Registration  
for Engineers and Land Surveyors  
100 West Jefferson  
Phoenix, Arizona 85003

Subject: Land Surveyor #73-513  
Civil Engineer #73-512

Dear Mr. Drewry:

Thank you for your kind consideration of my absence of  
May 15, 1974 and your invitation to attend the Engineering  
Education Committee meeting in August.

I sincerely regret that I won't be able to attend in  
August either. My itinerary is already set for business  
travel August 7 through August 16, 1974.

Please advise if any other arrangements can be made.

Thank you.

Sincerely yours,

MICHAEL BAKER, JR., INC.

  
Michael Baker, III  
President

*Michael Baker, III & May meeting*





**MICHAEL BAKER, JR., INC.**  
CONSULTING ENGINEERS

03398

4301 DUTCH RIDGE ROAD  
BOX 280 - BEAVER, PA. 15009  
412 - 495 - 7711

May 30, 1974

**RECEIVED**

JUN - 3 1974

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward G. Drewry  
Executive Director  
State Board of Technical Registration  
for Engineers and Land Surveyors  
1645 West Jefferson  
Phoenix, Arizona 85007

Subject: Land Surveyor #73-513  
Civil Engineer #73-512

Dear Mr. Drewry:

Thank you for your kind consideration of my absence of May 15, 1974 and your invitation to attend the Engineering Evaluation Committee meeting in August.

I sincerely regret that I won't be able to attend in August either. My itinerary is already set for business travel August 7 through August 26, 1974.

Please advise if any other arrangements can be made.

Thank you.

Sincerely yours,

MICHAEL BAKER, JR., INC.

Michael Baker, III  
President

MBIII/abo

*missed Nov, Feb + May meetings*

READING OF COMMUNICATIONS - Cont'd.

Letter from William A. Sawyer, Exec. Sec., Arizona Consulting Engineers Assoc., was presented as shown on Minute Page 3400. The Executive Director stated that based on past practice the interpretation had been that if the engineer designed the electrical equipment on a building which cost \$50,000 or more, it would require an electrical engineer's seal. The Chairman directed the Executive Director and Assistant Attorney General to formulate an appropriate answer to Mr. Sawyer and have Mr. Wyatt review the reply.

A letter from William M. Greenslade, geological applicant, was presented and it was moved by Mr. Vanlandingham and seconded by Mr. Wallace that we reply to Mr. Greenslade informing him the Board has no reciprocal agreement with any state but if he has any comments on the examination, we will be glad to hear them. Motion carried.

A letter from Nathan Feigenblatt, Jr., industrial safety engineer, was presented and the Chairman directed the Executive Director reply to his letter advising him there is no provisions for registration as a safety engineer but if he should wish to apply in any of the proficiencies registered by this Board, we would be glad to accept his application.

Letter from K. S. Scharman, County Manager Pima County Board of Supervisors, in reply to the letter from the office of the Board, was presented for the Board's information, as shown on Minute Page 3401.

UNFINISHED BUSINESS

The Assistant Attorney General read excerpts of the opinion that would be issued regarding the county engineer and that it will require that the county engineer must be a registered engineer. When the formal opinion has been received in the office of the Board, the Chairman directed the Executive Director to circulate the opinion to the County Board of Supervisors.

Mr. Philip Borgo's report on the investigation of the Daniel Wier complaint was presented and Mr. Dryden commented that the report showed that Mr. Wier surveyed this Lot 4 corner lines as originally established and Mr. Shirley surveyed it as it exists today. They did not survey the same line. Mr. Dryden felt it was not in the purview of this Board's authority and if the owner of the property wished to, he could file a lawsuit. The Chairman directed the Executive Director to write the property owner, Mr. Mertz, and inform him that as a result of the investigation, the situation does not warrant a formal hearing.

Report of the investigator, Fred Bellows, regarding Derek H. White, Civil Engineer, No. 6409, was presented and it did not prove whether or not Mr. White was a bona fide employee of William R. Wood & Associates. It was moved by Mr. Vanlandingham and seconded by Mr. Girand that we also hold a formal hearing in regard to this matter. Motion carried.

The Executive Director reported that in the matter of Stephen Metzger, he has been charged with a felony and waived the preliminary hearing. Mr. Drewry met with the two county attorneys who have not determined whether to accept a guilty plea on two counts of misdemeanor and they will be meeting with the detective who investigated Mr. Metzger.

03400

# ARIZONA CONSULTING ENGINEERS ASSOCIATION

3625 NORTH 16th STREET, SUITE 108 • PHOENIX, ARIZONA 85016 • PHONE: (602) 266-4926

WILLIAM A. SAWYER  
Executive Secretary

May 16, 1974

RECEIVED

STATE BOARD OF TECHNICAL REGISTRATION

Mr. James Knickerbocker, Chairman  
Arizona State Board of Technical Registration  
1645 W. Jefferson  
Phoenix, Arizona 85007

Dear Mr. Knickerbocker:

In a recent Arizona Consulting Engineers Association meeting, a question arose as to the proper interpretation of ARS 32-144-A-4.

Specifically, the question is - does the cost limitation on the services permitted to be performed by a non-registrant relate to the total cost of the structure or to the cost of the component of the building for which a particular professional service is being rendered - the cost of the design and installation of the building's electrical system, for example?

In other words, would it be permissible under state law for a non-registrant to design an electrical system costing less than \$50,000 for a building, the total cost of which will exceed \$50,000.

An early response to this question will be most appreciated.

Sincerely,



William A. Sawyer  
Executive Secretary

WAS:lfr



03401

PIMA COUNTY BOARD OF SUPERVISORS  
OFFICE OF THE COUNTY MANAGER  
GOVERNMENTAL CENTER  
TUCSON, ARIZONA 85701

June 14th, 1974

Mr. Edward G. Drewry  
Executive Director  
State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Re: State Law Requirements  
for Building Code

Dear Mr. Drewry:

Thank you for your letter of June 10th, which I am passing on to Mr. George Godin, Director of the County's Building Code Division.

Mr. Godin himself is an engineer, and I am sure he will have a keen interest in the requirements that you have mentioned pertaining to State law. I will also pass on to Mr. Godin the materials you have enclosed with your letter of the 10th, so he will have the entire packet.

Thank you again for your suggestions.

Sincerely,

A handwritten signature in cursive script, appearing to read "K. S. Scharman".

K. S. Scharman  
County Manager

KSS:mp  
cc: Mr. George Godin  
Director, Building Codes  
Mr. Robert G. Patrick  
Management Assistant

NEW BUSINESS

It was moved by Mr. Dryden and seconded by Mr. Wallace that any engineering member who wished to attend the Annual Meeting of the National Council of Engineering Examiners on August 18-22, 1974, in Mackinac Island, Michigan, be authorized to do so. Motion carried.

The Executive Director requested approval of purchasing a new carrying case which cost \$53.00 and it was moved by Mr. Wallace and seconded by Mr. Place that the office be authorized to purchase the carrying case. Motion carried.

The following dates were selected and approved for the next meetings:

August 12, 1974 - Architectural & Landscape Architectural Evaluation Committee

August 13, 14, 15, and 16, 1974 - Engineering Evaluation Committee

September 13, 1974 - Regular meeting of the Board in Phoenix

In accordance with the By-Laws, Section I, (4), election of officers was held and Chairman Knickerbocker had appointed Mr. Wyatt as the Nominating Committee for this election, who reported as follows:

It was moved by Mr. Wyatt and seconded by Mr. Girand that Mr. M. L. Vanlandingham be elected Chairman. Motion carried with a unanimous ballot cast.

It was moved by Mr. Bowlsby and seconded by Mr. Girand that Mr. Robert G. Wallace be elected Vice-Chairman. Motion carried with a unanimous ballot cast.

It was moved by Mr. Wyatt and seconded by Mr. Place that Mr. John Girand be elected Secretary. Motion carried with a unanimous ballot cast.

It was moved by Mr. Dryden and seconded by Mr. Place that the report of the Nominating Committee be accepted.


Mr. Vanlandingham thanked Mr. Knickerbocker on behalf of the members for his excellent service and dedication during his term as Chairman. He then presented him with the Past Chairman's plaque.

Mr. Vanlandingham as Chairman for the ensuing year announced the Committee Appointments for 1974-1975, as shown on Minute Page 3403.

ADJOURNMENT

It was moved by Mr. Dryden and seconded by Mr. Place that the meeting be adjourned at 12:30 P.M. Motion carried.

  
 \_\_\_\_\_  
 CHAIRMAN

  
 \_\_\_\_\_  
 SECRETARY

## ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

## COMMITTEE APPOINTMENTS

1974-1975

Executive Committee:	Entire Board
Rules & By-Laws Committee:	Robert G. Wallace, Chairman C. W. Dryden John Girand Lew Place
Legislative Committee:	C. W. Dryden, Chairman John Girand Ralph L. Wyatt
Public Information Committee:	Entire Board
Budget Committee:	Ralph L. Wyatt, Chairman Robert Bowsby James L. Knickerbocker
Evaluation and Examination Committees:	
Architects:	Ralph L. Wyatt, Chairman Lew Place M. L. Vanlandingham
Engineers:	James L. Knickerbocker, Chairman C. W. Dryden John Girand Robert G. Wallace
Landscape Architects:	Robert M. Bowsby, Chairman Lew Place Robert G. Wallace Ralph L. Wyatt

## MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

September 12-- 13, 1974

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in Room 212, 1645 West Jefferson, Phoenix, Arizona, Thursday, September 12, 1974, at 1:50 P.M.

PRESENT

M. L. Vanlandingham, Chairman  
 Robert G. Wallace, Vice-Chairman  
 John Girand, Secretary  
 C. W. Dryden  
 Ralph L. Wyatt  
 Michael Low, Asst. Atty. Gen.

ABSENT

Robert M. Bowlsby  
 James L. Knickerbocker  
 Lew Place

PUBLIC HEARING ON PROPOSED RULE CHANGE

Chairman Vanlandingham noted that there was a quorum present. He then read the Notice of the Proposed Rule Change to repeal Rule II, B(5) and Rule III, D(4) of the Rules of the Board of Technical Registration which now reads as follows:

"5. 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. Additional A.I.T. log sheets..... .10 a page"

It was moved by Mr. Dryden and seconded by Mr. Wallace for the adoption of the rule change. Motion carried.

Michael Low, Assistant Attorney General, instructed the Board on the open meeting law and informed them that all discussion affecting individuals or groups must be open, the only thing that can be private is questions to their counsel; also, when voting, it can be done by secret ballot.

FORMAL HEARING

The Chairman announced it was the time and place for the formal hearing in the matter of Robert W. Sferra, Civil Engineer, No. 2960. Counsel for Mr. Sferra was Amil J. Ajamie; witnesses who appeared in his behalf were: Richard Pearce, registered Civil Engineer; Jerry O'Connell, Public Health Engineer, Maricopa County Health Department; and William Talbow, registered Land Surveyor.

Representing the Board was Assistant Attorney General Michael Low and witnesses were Louis B. Shaeffer, Irv Shuman and Alton McQueen of Salt River Project. The Court Reporter was George Jones of John A. Brabec and Associates.

The Complainant, Louis B. Shaeffer, alleged that Robert W. Sferra had been grossly negligent or incompetent, as those terms are used in A.R.S. 32-128.A (2), in the practice of his profession. That Mr. Sferra was hired to prepare a drainage plan and to coordinate his efforts with Salt River Project's requirements for its Spillway No. 12 and his plan did two things: (1) rendered the spillway inoperative and (2) any decent rain would flood the stores which had been constructed at 43rd and Peoria Avenues in Glendale. Mr. Shaeffer had subsequently engaged James Samer, registered Civil Engineer to redo the drainage plan for acceptance by the City of Glendale and Salt River Project.

After testimony by all witnesses, the Chairman called for the vote on the charges alleged and by unanimous vote the Board found Mr. Sferra not guilty and dismissed the charges.

Chairman Vanlandingham adjourned the meeting at 6:30 P.M. to be reconvened at 9:00 A.M., Friday, in the Board office, Room 315, 1645 West Jefferson, Phoenix, Arizona.

The Chairman recalled the meeting at 9:10 A.M., on Friday, September 13, 1974, and noted that the same members were present and absent as on Thursday, September 12, 1974, with a quorum present.

The Chairman referred to the other formal hearing that was to be held on September 12, 1974, in the matter of Derek H. White and explained that Mr. White had called and sent a telegram requesting a continuance due to illness in the family. After discussion with the Assistant Attorney General, it was decided to grant Mr. White a continuance.

It was moved by Mr. Wallace and seconded by Mr. Girand that the minutes of the meeting of the Board on June 27 and 28, 1974, be approved as presented. Motion carried

#### REPORT OF THE EXECUTIVE COMMITTEE

No meetings and no report.

#### REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. Wallace reported that at the June Board meeting this committee was basically charged with finding some definition for the 70% and 75% in Rule II, C, and the committee suggests that no action be taken but the Board continue to determine what is equal to 70 or 75%. Also, basically there is very little in the Code of Ethics on the basis of past Attorney General opinions which allows us to make them a part of the Rules and suggests no action be taken by the Board.

It was moved by Mr. Girand and seconded by Mr. Dryden that the report of the Rules and By-Laws Committee be accepted. Motion carried.



REPORT OF THE LEGISLATIVE COMMITTEE

No meetings and no report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

The Architectural Evaluation Committee meeting report of August 12, 1974, was presented by Chairman Wyatt, as shown on Minute Pages 3407 through 3414.

It was moved by Mr. Wyatt and seconded by Mr. Girand that the above report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Architectural Examinations in December, 1974, was presented as shown on Minute Page 3415.

It was moved by Mr. Dryden and seconded by Mr. Wyatt that the above schedule be approved as presented. Motion carried.

The Landscape Architectural Evaluation Committee meeting report of August 12, 1974, was presented by Mr. Wyatt, as shown on Minute Pages 3416 - 3417.

It was moved by Mr. Wyatt and seconded by Mr. Wallace that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Landscape Architectural Examinations in December, 1974, was presented as shown on Minute Page 3418.

It was moved by Mr. Wyatt and seconded by Mr. Girand that the above schedule be approved as presented. Motion carried.

Mr. Samuel Wu, Civil Engineering applicant #74-413, requested reconsideration of the Engineering Evaluation Committee's recommendations holding him for all four parts of the written examination and wished waiver of Parts 1 and 2. It was moved by Mr. Girand and seconded by Mr. Wallace that the Board waive Parts 1 and 2. Motion carried.

Mr. K. N. Jagannath, Civil Engineering applicant #74-332, requested reconsideration of the Engineering Evaluation Committee's recommendations holding him for all four parts of the written examination and wished waiver of Parts 1 and 2. It was moved by Mr. Girand and seconded by Mr. Wallace that the Board waive Parts 1 and 2. Motion carried.

Mr. Abram H. Arollo, Civil Engineering applicant #74-402, requested reconsideration of the Engineering Evaluation Committee's recommendations that he be denied for lack of experience and appeared before the Board. In discussion of his application, it was noted that he had worked for the City of Phoenix for 17 years and had attended college periodically since 1959, receiving his degree from Arizona State University this past May. It was moved by Mr. Dryden and seconded by Mr. Wallace that the Board accept his experience record as stated and hold him for Parts 3 and 4 as has been our practice in the other cases where applicants have graduated from accredited schools. Motion carried. Mr. Arollo thanked the Board for their consideration and indicated he would take the examination in November.

DATE: September 2, 1974

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on August 12, 1974, in Phoenix, Arizona, with the following members present:

M. L. Vanlandingham  
 Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Babcock, James Albert	73-603	McFarland, Charles William	74-343
Boyd, John Brooks	74-237	Macdonald, George A.	74-224
Campbell, Richard Bruce	74-298	Menser, Thomas Walter	74-280
Danielian, Arthur C.	74-256	Miles, Arthur Eugene	74-421
Futrell, Marvin Braxton	74-353	Molina, Jose Efren	74-360
Golob, Gerald Sy	74-288	Moore, Mervin Hardie	74-344
Goodwin, Matthew	74-381	Rhoades, Keith Odell	74-418
Greer, Frank Lee	74-442	Sadilek, Vladimir	74-449
Greig, Robert N.	74-282	Schutte, Laurent J.	74-65
Guardino, Richard Charles	74-424	Studebaker, Ira John	74-243
Gwilliam, Willard Edward	74-436	Triebwasser, Norman Edward	74-404
Hyun, David Kyun	74-432	Tsomides, Constantine Louis	74-324
Irwin, Carl Herbert	74-323	Van Hoefen, Hari	73-759
Jacobs, Robert Harvey	74-409	Warner, Robert Allan	74-446
Kaltenbach, Earl George, Jr.	74-290	Wudtke, Donald Edmund	74-387

- 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, 1974, and June, 1975, examinations:

Antosh, Mark Joseph	74-245	Equivalency & Professional
Burton, Joe Allen	74-316	Professional
Collamer, George Abram	74-244	Equivalency & Professional
Cornelius, Basil G.	74-162	Equivalency & Professional
Emsley, Stephen Scott	74-368	Professional

II. Continued....

Floerchinger, Martin Dean	74-345	Professional
Harris, Lynn Meyer	74-366	Professional
Harris, Michael Steven	74-362	Professional
Pasternack, Irwin Gene	74-367	Professional
Sloyan, Phillip R.	74-126	Equivalency & Professional
Webb, Joe Duane	74-354	Professional

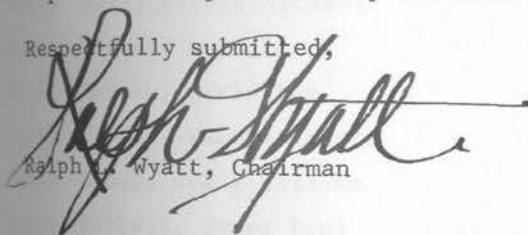
III. The following applicants having been advised twice they were to submit a treatise on seismic forces and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

Hollander, Ronald Lloyd	73-613
Jary, Lloyd Walker	74-66

IV. The committee reviewed the examinations given in June, 1974, and recommends to the Board that the grades as shown on the pages following this report be so certified.

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,



Ralph A. Wyatt, Chairman

ARCHITECTS  
(Under Old Rules)

3109

No.	Name	History	Site Planning	Design	Bldg. Const.	Struc. Design	Prof. Admin.	Bldg. Equip.	Passed
		C	D	E	F	G	H	I	
72-186	Bassett, Richard S.	P	P	P	F	F	P	P	
71-76	Campbell, Ian Douglas	P	P	P	P	F	P	P	
* 71-392	Clemons, Loy Ray	P	P	P	P	P	P	75	I
72-103	Coracides, Basilio B.	P	P	P	F	P	75	F	H
70-457	Davis, Billy Joe	P	P	P	P	F	P	P	
70-89	Griffin, William F.	P	P	P	P	F	P	P	
* 70-338	Miller, Thomas P. J.	P	P	P	P	79	P	P	G
66-199	Wonsley, Ronald C.	P	P	P	P	F	P	P	

ARCHITECTS  
(Under New Rules)

No.	Name	Const. Theory			Passed
		Arch. Theory	Design	Design and Practice	
		I	II	III	
73-653	Barre, Klaus	P	P	P	I,II,III
73-216	Bell, Robert Michael	P	P	P	III
* 73-591	Bender, Bert L.	P	P	P	I,II,III
73-336	Brozek, Christoph	P	F	P	I,III
71-414	Biddle, Warren Robert	F	F	F	
* 73-602	Bisch, Craig William	P	P	P	I,II,III
73-583	Bobbett, James Paul	F	P	F	II
* 73-117	Crowdus, Jon Charles	P	P	P	II
73-84	Dixon, Charles W.	P	F	P	
73-206	Doyle, Thomas Francis, III	P	F	P	I,III
74-187	Dustrud, Larry Lynn	Ex	P	Ex	II
* 73-165	Eddy, Douglas Mann	P	P	P	I,II
* 72-558	Foell, Richard Paul	P	P	P	II
72-135	Fraunhoffer, Herman J.	F	P	F	
* 73-631	Garrison, James Walter	P	P	P	I,II,III
74-222	Gay, Ernest Stuart	P	P	P	I,II,III
* 73-264	Hatfield, Ray Allen	P	P	P	I,II,III
* 73-204	Haughey, Wilfrid H., III	P	P	P	II
74-128	Hayes, Jon Robert	P	P	P	I,II,III
* 73-183	Hileman, Mark McBride	P	P	P	I,III
* 73-175	Hofmann, Jack Templin	P	P	P	I
* 73-31	Hubiak, John	P	P	P	III

ARCHITECTS  
(Under New Rules)

03410

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
* 73-179	James, Michael Evan	P	P	P	III
* 73-186	James, Michael Peter	P	P	P	III
74-71	Johnson, Robert James	P	P	F	I, II
73-505	Jolly, David James	P	P	P	I, II, III
74-77	Klimpke, Warren Edmund	P	P	P	I, II, III
71-318	Kopecek, Josef Robert	P	F	F	
73-248	Luera, Frank Santos	P	P	F	
* 73-54	McCarthy, Brian Patrick	P	P	P	II
74-115	Macneil, John Douglas	P	P	P	I, II, III
73-157	Madole, Howard Marion	DNA	P	P	III
73-172	Mah, Jerry Kwok	F	P	P	III
71-391	Moos, Stephen Leon	P	P	F	I
73-118	Numkena, Dennis C.	P	P	P	III
74-116	Peace, Joseph Walter, III	P	P	P	I, II, III
73-212	Podolsky, William I.	P	F	F	
74-154	Ransom, William H.	F	P	F	II
74-103	Rehse, Patrick Charles	F	P	P	II, III
74-125	Reyes, Raul	P	P	P	I, II, III
* 73-637	Reymer, Michael George	P	P	P	I, II, III
73-207	Reynolds, Gary Don	P	P	P	III
73-253	Richardson, William H.	P	P	P	I, III
* 73-408	Rosamond, Vernon E., Jr.	P	P	P	I, II, III
73-476	Sheydayi, Esfandiar Yury	F	P	P	II, III
* 73-88	Simpson, Veldon	P	P	P	III
74-148	Smith, Robert Duncan	P	P	F	I, II
* 73-210	Sweet, Arthur Gordon	P	P	P	II
74-227	Tindell, Robert Ray	P	F	P	I, III
74-153	Truett, Sam Langston	P	P	P	I, II, III
73-174	Tuinstra, Michael Alan	P	F	P	
74-188	Ulrich, Richard Charles	P	P	P	I, II, III
73-86	Valenzuela, Rafael L.	F	F	F	
74-10	Van Dyke, Glen William	P	F	P	I, III
74-117	Warner, Gary L.	P	P	P	I, II, III
72-646	White, Bryon Gene	F	P	P	
73-578	Whitneybell, Douglas Theron	P	P	F	I, II

ARCHITECTS  
(Under New Rules)

03411

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
* 72-519	Wilcox, Roger Michael	P	P	P	I
74-72	Winton, Robert Bailey	F	P	F	II
* 73-158	Wright, Richard Sefton	P	P	P	II
74-239	Young, George Norman	P	F	P	I, III

ARCHITECT-IN-TRAINING

No.	Name	I	II	III	Passed
* 74-69	Acorn, Kim Brian	P	P	P	I, II, III
74-23	Acquafredda, Nicholas I.	F	P	F	II
74-53	Arrington, Lynn R., III	F	P	P	II, III
74-65	Badham, Richard Allen	F	F	P	III
74-91	Baker, George H.	F	F	P	III
73-5	Batchelder, James Allen	P	P	F	
74-12	Baza, Franklin Lee	F	F	F	
74-27	Bern, Ross Hillel	F	F	F	
73-1	Berta, Domenic	P	P	F	II
* 74-102	Boivin, Alan S.	P	P	P	I, II, III
74-85	Brasfield, Dennis Scott	P	F	F	I
74-21	Briggs, Terry Lee	P	F	P	I, III
74-36	Brower, Myron Riggs	P	P	F	I, II
74-7	Carpenter, Gary Alan	F	P	F	II
74-79	Castano, George	P	F	F	I
74-101	Cawthron, David L.	P	F	F	I
* 74-56	Chase, James W.	P	P	P	I, II, III
74-26	Cheung, Douglas C.	F	P	F	II
74-28	Chow, Shao-li	P	P	F	I, II
* 74-97	Cleave, Stewart Wesley	P	P	P	I, II, III
74-96	Cook, Michael W.	P	F	P	I, III
74-98	Cosentino, Anthony Peter	F	P	F	II
74-34	Coyle, Thomas G.	P	P	F	I, II
* 74-43	Graig, James E., Jr.	P	P	P	I, II, III
* 74-77	Crowe, Randall Kenyon	P	P	P	I, II, III
73-13	Dong, Tilli	P	F	P	III
74-29	Doran, Christopher B.	P	P	F	I, II
74-13	Douglas, John Clifton	P	P	F	I, II

## ARCHITECT-IN-TRAINING

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
* 74-5	Ebert, Scott Thomas	P	P	P	I, II, III
74-94	Ederington, James K.	P	P	F	I, II
* 74-66	Elson, James Robert	P	P	P	I, II, III
74-15	Emerson, Randy	P	P	F	I, II
74-8	Enriquez, Mike Sanchez	P	P	F	I, II
* 74-89	Fischer, Steven R.	P	P	P	I, II, III
73-10	Fredstrom, Mark Wayne	P	P	F	
* 73-36	Friar, Rodney Glynn	P	P	P	I
74-71	Frisina, Frank P.	P	P	F	I, II
* 74-25	Gardner, Joseph Allen	P	P	P	I, II, III
73-6	Gotsis, George	P	P	F	II
* 74-16	Gough, Robert J.	P	P	P	I, II, III
* 73-14	Guelian, John	P	P	P	III
73-4	Haake, Michael Lee	P	F	P	III
* 74-2	Hazeltine, David Gordon	P	P	P	I, II, III
* 74-74	Hill, Charles Michael	P	P	P	I, II, III
* 74-24	Hill, Rodger Duane	P	P	P	I, II, III
74-61	Hopkinson, Thomas Earl	F	F	P	III
74-82	Hummell, Thomas E.	P	F	F	I
* 74-106	Jensvold, Daniel Martin	P	P	P	I, II, III
74-63	Johnson, Ralph Deniston	P	F	P	I, III
74-9	Jonas, Glenn Allen	F	F	F	
* 74-68	Jones, David L.	P	P	P	I, II, III
73-27	Jordan, Carl Winton	F	P	F	
74-76	Kimball, Bruce	F	P	F	II
74-62	King, William Brian	P	F	F	I
* 74-14	Knoell, Hugh, Jr.	P	P	P	I, II, III
74-52	Koch, Christopher Lee	P	F	P	I, III
74-92	Kuzmik, Michael L.	P	P	F	I, II
* 74-38	Ladislaus, Steven Craig	P	P	P	I, II, III
74-40	Lara, Arthur, Jr.	P	F	F	I
* 73-17	Larry, Donald Everett	P	P	P	II
74-30	Lau, Roland G. L.	P	P	F	I, II
74-55	McGraw, Oscar W., III	P	P	F	I, II
74-81	McLaughlin, Kathleen Ann	P	F	P	I, III
* 74-58	McQuead, Robert A.	P	P	P	I, II, III

ARCHITECT-IN-TRAINING

03413

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
* 74-35	Mace, Kenneth Edward	P	P	P	I, II, III
74-3	Margolis, Michael Alan	P	F	P	I, III
* 74-67	Martin, Steven R.	P	P	P	I, II, III
* 74-83	Mirkovich, Donald	P	P	P	I, II, III
73-31	Munninger, Michael J.	P	P	F	
* 73-16	Newberry, Nicholas Joseph	P	P	P	III
* 74-22	Nichols, Stephen Lowell	P	P	P	I, II, III
* 74-4	Noggle, Roy Harris	P	P	P	I, II, III
73-19	O'Leary, Claudia Patricia	P	P	F	
74-78	Parsons, Michael Dean	P	P	F	I, II
74-33	Paules, Delmar D.	P	F	P	I, III
74-42	Phillians, Donald Michael	P	F	F	I
74-41	Presto, Richard M.	P	P	F	I, II
* 74-80	Pugsley, Craig Richard	P	P	P	I, II, III
74-60	Rachlin, Michael	P	P	F	I, II
73-34	Reeves, Clark M.	P	P	F	I, II
74-95	Rehfeldt, Richard Philip	P	F	F	I
* 74-93	Reichenberg, Harold E., Jr.	P	P	P	I, II, III
74-48	Riedel, William C., Jr.	P	F	P	I, III
74-75	Rinck, Michael Stephen	P	F	F	I
74-86	Ripley, Britt Juhlin	P	F	F	I
* 74-99	Robinson, Gregory James	P	P	P	I, II, III
74-72	Robison, Robert C.	F	F	F	
74-103	Rowlands, Russell Dewey	P	P	F	I, II
* 74-18	Ryan, Thomas Richard	P	P	P	I, II, III
* 73-32	Ryden, Don W.	P	P	P	III
74-31	Saemisch, Robert V.	P	F	P	I, III
74-45	Salazar, Luis Adolfo	F	P	F	II
74-64	Saxton, Richard Earl	P	F	P	I, III
74-39	Schick, Richard H.	P	F	F	I
73-39	Schiffner, Charles R.	P	F	F	I
72-17	Seats, Timothy Alan	P	P	DNA	II
74-10	Sereno, Raul R.	P	F	P	I, III
74-100	Shafer, Dennis Eugene	P	P	F	I, II
74-54	Silberschlag, Wayne D.	P	P	F	I, II



ARCHITECT-IN-TRAINING

No.	Name	Arch. Theory	Design	Const. Theory and Practice	Passed
		I	II	III	
74-105	Sobin, Harris J.	P	F	P	I,III
* 74-51	Sohl, Edward Maurice, Jr.	P	P	P	I,II,III
* 74-59	Solberg, Richard C.	P	P	P	I,II,III
74-20	Spurlock, Victor John	P	F	F	I
74-73	Standage, Cynthia F.	F	P	F	II
74-70	Starck, James Phil	F	P	P	II,III
* 74-104	Stevens, Michael Evans	P	P	P	I,II,III
74-50	Stichler, Ronald Albert	F	F	F	
* 74-90	Stiles, Guy Richard	P	P	P	I,II,III
74-47	Stover, Douglas Lee	P	P	F	I,II
* 72-19	Sussholz, Steven Edward	P	P	P	III
74-37	Teeple, Stephen A.	P	P	F	I,II
74-84	Verdugo, John Roy	P	F	F	I
74-32	Wagner, Thomas Kent	F	P	P	II,III
* 74-88	Walsh, Robert W.	P	P	P	I,II,III
73-8	Weems, Russell Payne	F	P	F	II
74-57	Weidman, Michael Bernard	P	P	F	I,II
* 74-49	Wells, William H.	P	P	P	I,II,III
74-19	Weymiller, Russell Wayne	P	P	F	I,II
* 73-38	Will, Jeffrey Scott	P	P	P	I,II,III
* 73-25	Wiseman, Chris	P	P	P	II
74-44	Woodling, Wendell Arnett	P	P	F	I,II
* 74-17	Wray, Rodney A.	P	P	P	I,II,III
73-3	Wustrack, Richard James	F	P	F	

Registered A.I.T.  
Taking Part II of  
new Equiv. Exam.

	Design II
114 Micena, John A.	F
129 Morris, Steven Douglas	P
130 Mulligan, Dennis Myles	P
124 Wilson, Shelby	P

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

03415

SCHEDULE OF EXAMINATIONS  
FOR  
ARCHITECTS  
(under New Rules)

TWO LOCATIONS

1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 14, 1974

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

Part I of the Professional Examination

12:30 P.M. to 4:30 P.M.

Part II of the Professional Examination

Sunday, December 15, 1974

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

Part III of the Professional Examination

12:30 P.M. to 4:30 P.M.

Part IV of the Professional Examination

REFERENCE MATERIAL IS PERMITTED FOR ALL SECTIONS OF THE PROFESSIONAL EXAMINATION

ARCHITECTS UNDER OLD RULES

Same location as above.

Saturday, December 14, 1974

8:00 A.M. to 11:00 A.M.

Examination F, Building Construction (No reference material permitted)

11:30 A.M. to 4:30 P.M.

Examination G, Structural Design (Reference material is permitted)

Sunday, December 15, 1974

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

Examination I, Building Equipment (No reference material permitted)

DATE: September 6, 1974

TO: State Board of Technical Registration  
FROM: Landscape Architectural Evaluation Committee  
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on August 12, 1974, in Phoenix, Arizona, with the following members present:

Robert M. Bowsby  
M. L. Vanlandingham  
Ralph L. Wyatt

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 in landscape architecture:

Izumita, Ronald M.	74-285
Key, Robert Everett	74-302

- 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, beginning in December, 1974:

Francis, William Doyne	74-254	Parts 1, 2, 3, 4 and 5
Luebkin, George, Jr.	74-252	Parts 1, 2, 3, 4 and 5

- III. The Landscape Architectural Examination Committee reviewed the examinations given in June, 1974, and recommends to the Board that the grades as shown on the page following this report be so certified.

The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

Robert M. Bowsby, Chairman

## LANDSCAPE ARCHITECTS

No.	Name	History & Theory		Pltg., Dsn., & Ident.	LS Arch. Design	Construction	Prof. Admin.	Passed
		1	2	2	3	4	5	
74-119	Alley, Robert Martin	F	F	F	F	F	79	5
72-416	Ashworth, Dean Frampton	F	P	P	P	F	F	
74-75	Bell, Robert Michael	78	75	DNA	75	75	83	1,2,4,5
74-73	Brogan, Gary Eldridge	76	F	78	80	79	79	1,3,4,5
74-149	Maskulka, Gerald Edward	F	78	75	75	75	83	2,3,4,5
73-638	Nickels, Ernest Lee	F	77	85	82	75	75	2,3,4,5
74-78	Sakato, Gary Masami	77	75	75	75	75	85	1,2,3,4,5
74-76	Scott, William T., Jr.	F	F	75	75	75	75	3,4,5
74-169	Wade, Michael Tompkins	76	F	75	80	83	83	1,3,4,5
74-161	Zukowski, Lawrence	75	85	75	F	84	84	1,2,3,5

## LANDSCAPE ARCHITECT-IN-TRAINING

No.	Name	1	2	3	Passed
74-1	Daugherty, Edwin F.	F	F	DNA	
73-1	Duffield, Mary Rose C.	P	P	F	
73-6	Eichenberger, Bernard E.	F	75	F	2
73-5	Job, Steven Edmund	F	P	75	3
73-3	Kirby, Rosina G.	P	P	75	3

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

03418

SCHEDULE OF EXAMINATIONS  
FOR  
LANDSCAPE ARCHITECTS AND LANDSCAPE ARCHITECTS-IN-TRAINING

TWO LOCATIONS:

1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 14, 1974

8:00 A.M. to 6:00 P.M.

Part 3 - Landscape Architectural Design (Reference Material is Permitted)

Sunday, December 15, 1974

8:00 A.M. to 6:00 P.M.

Part 4 - Construction (No Reference Material Permitted)

ONE LOCATION (only):

1. Phoenix, Arizona

Room 113, 1645 West Jefferson

Monday, December 16, 1974

8:00 A.M. to 2:00 P.M.

Part 2 - Planting, Design & Identification (Reference Material is Permitted)

2:00 P.M. to 4:00 P.M.

Part 1 - History & Theory (No Reference Material Permitted)

Tuesday, December 17, 1974

8:00 A.M. to 10:00 A.M.

Part 5 - Professional Administration (No Reference Material Permitted)

The Engineering Evaluation Committee meeting report of August 13, 14, 15 and 16, 1974, was presented by Mr. Dryden, as shown on Minute Pages 3420 - 3423.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the above report as amended of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the following applicants are to be denied with neither prejudice nor refund at their request.

Gauntlett, William David	74-104	Engineer-in-Training
Godsey, H. Carleton	74-291	Architect
Herman, Richard C.	73-507	Structural Engineer
Janke, Richard Franz	74-182	Structural Engineer
Palmros, Henry Edwin	74-95	Mechanical Engineer
Rehler, Kenneth James	74-337	Architect

It was moved by Mr. Wyatt 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

Babcock, James Albert	9754
Bender, Bert L.	9755
Bisch, Craig William	9756
Boyd, John Brooks	9757
Campbell, Richard Burce	9758
Clemons, Loy Ray	9759
Crowdus, Jon Charles	9760
Danielian, Arthur C.	9761
Eddy, Douglas Mann	9762
Foell, Richard Paul	9763
Futrell, Marvin Braxton	9764
Garrison, James Walter	9765
Golob, Gerald Sy	9766
Goodwin, Matthew	9767
Greer, Frank Lee	9768
Greig, Robert N.	9769
Guardino, Richard Charles	9770
Gwilliam, Willard Edward	9771
Hatfield, Ray Allen	9772
Haughey, Wilfrid Henry, III	9773
Hileman, Mark McBride	9774
Hofmann, Jack Templin	9775
Hubiak, John	9776
Hyun, David Kyun	9777
Irwin, Carl Herbert	9778
Jacobs, Robert Harvey	9779
James, Michael Evan	9780
James, Michael Peter	9781
Kaltenbach, Earl George, Jr.	9782
McCarthy, Brian Patrick	9783

ARCHITECTURE - Cont'd.

McFarland, Charles William	9784
Macdonald, George A.	9785
Menser, Thomas Walter	9786
Miles, Arthur Eugene	9787
Miller, Thomas Patrick Joseph	9788
Molina, Jose Efren	9789
Moore, Mervin Hardie	9790
Reymer, Michael George	9791
Rhoades, Keith Odell	9792
Rosamond, Vernon E., Jr.	9793
Sadilek, Vladimir	9794
Schutte, Laurent J.	9795
Simpson, Veldon	9796
Studebaker, Ira John	9797
Sweet, Arthur Gordon	9798
Triebwasser, Norman Edward	9799
Tsomides, Constantine Louis	9800
Van Hoefen, Hari	9801
Warner, Robert Allan	9802
Wilcox, Roger Michael	9803
Wright, Richard Sefton	9804
Wudtke, Donald Edmund	9805

CIVIL ENGINEERING

Bertleson, Arlen Mitchell	9806
Bruce, James Wallace	9807
Burris, Davis Bruce	9808
Culley, Peter Alexander	9809
Davis, Jerry Wayne	9810
Dorbin, Joseph Anthony, Jr.	9811

DATE: September 2, 1974

TO: State Board of Technical Registration  
 FROM: Engineering Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Engineering Evaluation Committee met on August 13, 14, 15 and 16, 1974, with the following members present:

C. W. Dryden	James L. Knickerbocker
John Girand	Robert G. Wallace

There being 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:

1. The following applicants having appeared before the committee and satisfied the committee 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

Bertleson, Arlen Mitchell	74-287
Bruce, James Wallace	74-378
Burris, David Bruce	74-313
Culley, Peter Alexander	74-300
Davis, Jerry Wayne	74-406
Dorbin, Joseph Anthony, Jr.	74-293
Gershon, Sam Irving	74-192
Gibson, Patrick Arthur	74-318
Herman, Richard C.	74-443
Howell, William Hull	74-286
Howser, Thomas Joseph	74-193
Koptionak, William	74-340
McGinnis, Wayne Champlin	74-350
McPherson, Richard Joseph	74-314
Mitchell, Robert Benjamin	74-266
Mohle, Robert Henry	74-347
O'Sullivan, James Francis	74-342
Paik, Young J.	74-370
Patton, Robert Starr, Jr.	74-96
Pi, William S. J.	74-385
Rankin, Wallace Lee	74-364
Ruff, Paul Fulton	74-331
Sanchez, Fernando Javier	74-319
Schmidt, Edwin Henry	74-341
Sekinsky, James Patrick	74-101
Spencer, Leon D.	74-108
Walsh, Frank T.	74-405
Wetstein, Willis J.	74-241
Wilson, Claude Glenn	74-376

ELECTRICAL ENGINEERING

Bandur, Bernard Francis	74-346
Horn, Francis Herbert	74-294
Miller, Edward A.	74-374
Neubeck, William Herman, Jr.	74-310
Nyke, George L.	73-627
Sheriffs, Leigh	74-391
Tan, Chor Chai	74-260

MECHANICAL ENGINEERING

Adair, Robin D., Jr.	74-264
Biswas, Sujit	74-389
Dixon, Gerald J.	74-242
Ege, Howard Davis, Jr.	74-333
Feldhan, Stanley Lee	74-272
Giffels, Donald James	74-415
Gladstone, Stuart Hirsh	74-423
Hadji, George Efthimiou	74-216
Jenkins, Robert Franklin, Jr.	74-356
Kuehl, James Lee	74-414
Sheriffs, Leigh	74-390
Swanson, Edwin Kenneth	74-276
Wray, Henry Granville	74-236
Zollman, Max M.	74-277

SANITARY ENGINEERING

Kincaid, John Jerome	74-258
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Continued.....

I. Continued....

STRUCTURAL ENGINEERING

Allen, John Winfield	74-228
Jacobson, Norman G., Jr.	74-213
Kayastha, Shambhu Lal	74-375
Philpot, Glen Hansen	74-301
Porteus, Elbert Johnston, Jr.	74-249
Vifquain, John Albert	74-247
Wiitala, Ray S.	74-235

GEOLOGY

Cornelius, Kenneth Donald	74-265
Perry, Albert John	74-200

LAND SURVEYING

Bruce, James Wallace	74-304
Tippin, Jerry W.	74-226

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 November, 1974, examinations:

AERONAUTICAL ENGINEERING

Cottrell, Ronald Glenn	74-325	Parts 3 and 4
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CHEMICAL ENGINEERING

Cole, Edward Arthur	74-268	Parts 3 and 4
Woods, George A.	74-284	Parts 3 and 4

CIVIL ENGINEERING

Arollo, Abram H.	74-402	Parts 3 and 4
Applegat, Jerrol Wayne	74-422	Parts 3 and 4
Brooks, Philip Benjamin	74-393	Parts 3 and 4
Chin, George K.	74-251	Parts 3 and 4
DaDeppo, Donald A.	74-303	Parts 3 and 4
Davis, Douglas Lee	74-363	Parts 3 and 4
Davis, Stephen Edward	74-417	Parts 3 and 4
Donovan, Dennis Lynn	74-248	Parts 3 and 4
Evans, George Leon, Jr.	74-399	Parts 3 and 4
Gilbertson, David Arnold	74-377	Parts 3 and 4
Hall, Robert Stanley	74-398	Parts 3 and 4
Hood, Douglas Eugene	74-373	Parts 1, 2, 3 and 4
Jagannath, Kudavalli N.	74-332	Parts 3 and 4
Kuhn, John Donald, Jr.	74-299	Parts 3 and 4
McGill, Joseph Conrad	74-365	Parts 3 and 4
May, Frederick Joseph	74-348	Parts 3 and 4
Merrill, Groce McCleve	74-416	Parts 3 and 4
Pitcher, Thomas A.	74-410	Parts 3 and 4
Siders, Paul Everett	74-388	Parts 3 and 4
Trevino, Nemesio Alberto	74-425	Parts 3 and 4
Wainwright, Charles Gordon	74-420	Parts 3 and 4
Wrigley, William Walter	74-275	Parts 3 and 4
Wu, Samuel K.	74-413	Parts 3 and 4

ELECTRICAL ENGINEERING

Bayles, George Tillman	74-246	Parts 3 and 4
Blake, David James	74-317	Parts 3 and 4
Cernansky, Haroldene S. H.	74-279	Parts 3 and 4

Continued.....



ELECTRICAL ENGINEERING

Dana, James Steven	74-218	Parts 3 and 4
Davis, Robert Alvin	74-372	Parts 1, 2, 3 and 4
Deise, Cary Bruce	74-230	Parts 3 and 4
Guthrie, Theodore Truman	74-328	Parts 1, 2, 3 and 4
Kerschen, Arthur Henry, Jr.	74-379	Parts 3 and 4
Nutaro, Joseph James	74-394	Parts 3 and 4
Shelly, Gerald	74-358	Parts 3 and 4
Petersen, Lou Moyle	74-312	Parts 3 and 4

GEOLOGICAL ENGINEERING

Brady, Michael Jay	74-295	Parts 3 and 4
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HIGHWAY ENGINEERING

Bloom, Norman Kenneth	74-271	Parts 1, 2, 3 and 4
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INDUSTRIAL ENGINEERING

Foster, Jerry Allen	74-408	Parts 3 and 4
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MECHANICAL ENGINEERING

Beck, Dale Le Roy	74-352	Parts 3 and 4
Connor, Floyd Thomas	73-648	Parts 1, 2, 3 and 4
Ellis, William Frank	74-351	Parts 3 and 4
Khanna, Hari Narayan	74-322	Parts 3 and 4
Miller, Richard Frederick	74-146	Parts 1, 2, 3 and 4
Schoenig, Joseph Leroy	74-305	Parts 3 and 4
Zumbrunnen, Glenn Frederick	74-253	Parts 3 and 4

METALLURGICAL ENGINEERING

Cashman, Gerald Thomas	74-259	Parts 3 and 4
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MINING ENGINEERING

Hoskins, William Norman	74-349	Parts 3 and 4
Muncy, Alan Nelson	74-407	Parts 3 and 4

SANITARY ENGINEERING

Walters, James Alan	74-321	Parts 3 and 4
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STRUCTURAL ENGINEERING

Gutt, Tadius J.	74-283	Parts 3, 4, 5 and 6
Lively, Norman Robert	74-357	Parts 3, 4, 5 and 6
Modi, Mohit Kumar	74-361	Parts 5 and 6
Sacra, Thomas Allen, III	74-339	Parts 5 and 6

GEOLOGY

Furrow, James Warren	74-273	Parts 3 and 4
Josey, William Lee	74-189	Parts 3 and 4

LAND SURVEYING

Begay, Richard K., Sr.	74-114	Parts 1, 2, 3 and 4
Burns, Robert Dwight	74-396	Parts 1, 2, 3 and 4
Crawford, Jack Edwin	74-380	Parts 1, 2, 3 and 4
Garrison, Grove Morgan	74-261	Parts 3 and 4
Lane, Stuart Rodney	74-274	Parts 1, 2, 3 and 4

## II. Continued.....

LAND SURVEYING

Martinez, Emilio	74-403	Parts 1, 2, 3 and 4
Payton, Donald Wayne	74-297	Parts 1, 2, 3 and 4
Redmon, Stuart Thomas	74-397	Parts 1, 2, 3 and 4
Robison, James Robert	74-355	Parts 3 and 4
Slyder, Stephen Vernon	74-330	Parts 1, 2, 3 and 4
Stricklan, Rudolph Joseph	74-329	Parts 1, 2, 3 and 4
Terrill, Curtis Mark	74-400	Parts 1, 2, 3 and 4
Weeks, David Kendall	74-395	Parts 1, 2, 3 and 4

Applicant held for the April, 1975, examinations:

CIVIL ENGINEERING

Vasquez, Frank M.	74-338	Parts 3 and 4
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III. Mr. Meade A. Stirland, Nuclear Engineer applicant #74-92, requested reconsideration of the Board's action of June 28, 1974, holding him for all four parts of the written examination and petitioned that the Board waive Parts 1 and 2. The committee recommends to the Board that Parts 1 and 2 of the written examination be waived and Mr. Stirland be held for Parts 3 and 4 only.

IV. The following applicants appeared before the Committee and the evaluation of their application determined that they should be denied for lack of experience under A.R.S. 32-123.A with the refund as shown and the additional years of experience required follows the refund amount:

Arollo, Abram H.	Civil Engineer, 74-402		
Keegan, John Charles	Land Surveyor, 74-326	\$10.00	1 yr.
Kumar, Muthu	Land Surveyor, 74-404	\$10.00	4 yrs.
Ringwald, Bruce R.	Civil Engineer, 74-320	\$10.00	1 yr.
Varga, John C.	Electrical Engineer, 74-386	\$10.00	1 yr.

V. The following applicants having been advised at least twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

Arquilevich, Jaime Andres	74-42	Structural Engineer
Baker, Michael, III	73-512	Civil Engineer
Baker, Michael, III	73-513	Land Surveyor
Peck, Billy Jason	74-46	Land Surveyor

The committee recommends to the Board that Recommendations I through V of this report be accepted and implemented.

Respectfully submitted,

*James L. Knickerbocker*  
James L. Knickerbocker, Chairman

CIVIL ENGINEERING - Cont'd.

Gershon, Sam Irving	9812
Gibson, Patrick Arthur	9813
Herman, Richard G.	9814
Howell, William Hull	9815
Howser, Thomas Joseph	9816
Koptionak, William	9817
McGinnis, Wayne Champlin	9818
McPherson, Richard Joseph	9819
Mitchell, Robert Benjamin	9820
Mohle, Robert Henry	9821
O'Sullivan, James Francis	9822
Paik, Young J.	9823
Patton, Robert Starr, Jr.	9824
Pi, William S. J.	9825
Rankin, Wallace Lee	9826
Ruff, Paul Fulton	9827
Sanchez, Fernando Javier	9828
Schmidt, Edwin Henry	9829
Seksinsky, James Patrick	9830
Spencer, Leon D.	9831
Walsh, Frank T.	9832
Wetstein, Willis J.	9833
Wilson, Calude Glenn	9834

ELECTRICAL ENGINEERING

Bandur, Bernard Francis	9835
Horn, Francis Herbert	9836
Miller, Edward A.	9837
Neubeck, William Herman, Jr.	9838
Nyke, George L.	9839
Sheriffs, Leigh	9840
Tan, Chor Chai	9841

MECHANICAL ENGINEERING

Adair, Robin D., Jr.	9842
Biswas, Suji	9843
Dixon, Gerald J.	9844
Ege, Howard Davis, Jr.	9845

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ARCHITECT-IN-TRAINING

Acorn, Kim Brian	145
Boivin, Alan S.	146
Chase, James W.	147
Cleave, Stewart Wesley	148
Craig, James E., Jr.	149
Crowe, Randall Kenyon	150
Ebert, Scott Thomas	151
Elson, James Robert	152
Fischer, Steven R.	153

MECHANICAL ENGINEERING - Cont'd.

Feldhan, Stanley Lee	9846
Giffels, Donald James	9847
Gladstone, Stuart Hirsh	9848
Hadji, George Efthimiou	9849
Jenkins, Robert Franklin, Jr.	9850
Kuehl, James Lee	9851
Sheriffs, Leigh	9852
Swanson, Edwin Kenneth	9853
Wray, Henry Granville	9854
Zollman, Max M.	9855

SANITARY ENGINEERING

Kincaid, John Jerome	9856
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STRUCTURAL ENGINEERING

Allen, John Winfield	9857
Jacobson, Norman G., Jr.	9858
Kayastha, Shambhu Lal	9859
Philpot, Glen Hansen	9860
Porteous, Elbert Johnston, Jr.	9861
Vifquain, John Albert	9862
Wiitala, Ray S.	9863

GEOLOGY

Cornelius, Kenneth Donald	9864
Perry, Albert John	9865

LANDSCAPE ARCHITECTURE

Izumita, Ronald M.	9866
Key, Robert Everett	9867
Sakato, Gary Masami	9870

LAND SURVEYING

Bruce, James Wallace	9868
Tippin, Jerry W.	9869

ARCHITECT-IN-TRAINING - Cont'd.

Friar, Rodney Glynn	154
Gardner, Joseph Allen	155
Gough, Robert J.	156
Guelian, John	157
Hazeltine, David Gordon	158
Hill, Charles Michael	159
Hill, Rodger Duane	160
Jensvold, Daniel Martin	161
Jones, David L.	162

Continued....

ARCHITECT-IN-TRAINING - Cont'd.

Knoell, Hugh, Jr.	163
Ladislaus, Steven Craig	164
Larry, Donald Everett	165
McQuead, Robert A.	166
Mace, Kenneth Edward	167
Martin, Steven R.	168
Mirkovich, Donald	169
Newberry, Nicholas Joseph	170
Nichols, Stephen Lowell	171
Noggle, Roy Harris	172
Pugsley, Craig Richard	173
Reichenberg, Harold Edward, Jr.	174
Robinson, Gregory James	175
Ryan, Thomas Richard	176
Ryden, Don W.	177
Schl, Edward Maurice, Jr.	178
Solberg, Richard C.	179
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REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Girand discussed the publication of a newsletter as he felt there had been a general loss of confidence by the public in governmental agencies in secrecy of their accounts. Since the notices will be mailed to our registrants in a few months, Mr. Girand suggested a summary be sent to them in order that they know what they are getting for their money. It was moved by Mr. Girand and seconded by Mr. Dryden that a draft of this memo be made by the Executive Director, circulated among the Board members for comments and returned to him, taking the comments and combining them into a final draft again to be recirculated to the Board members for their final approval. To be included in this memo would be a brief summary of the number of applications having been handled, an estimated number of man hours that Board members devote to this Board, write something on the disciplinary action

which the Board has taken without naming individuals; in this bulletin would relate to the number of applicants, in-state and out-of-state, segregated into architects and engineers; and finally, would invite comments from individuals and their professional societies to remind them that the integrity of the profession depends upon them as the Board can take action only when a complaint has been filed and we do not have a police force to hunt down violators. When sending out the newsletter with the renewal notice, enclose the Code, Rules and By-Laws. Motion carried.

It was suggested by Mr. Dryden that the newsletter be published periodically and it was moved by Mr. Girand and seconded by Mr. Dryden that the newsletter be published at the discretion of the Executive Director. Motion carried.

#### REPORT OF THE BUDGET COMMITTEE

Mr. Wyatt presented the Report of the Budget Committee as shown on Minute Page 3427. It was moved by Mr. Wyatt and seconded by Mr. Girand that the report be accepted. Motion carried.

#### REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #1, as shown on Minute Page 3428, was presented for the Board's information.

The report of the Executive Director was as follows:

Mr. Stan Jones at the County Attorney's office stated September 11th that Mr. Metzger is expected to make a plea and have his case considered by the Court on September 26th.

Mr. Carl Dorn, issuer of building permits for Coconino County, has issued a building permit for the Flagstaff Cultural Center. Drawings were sealed by Jack King, Structural Engineer No. 7478, evidently the prime design contractor. Mr. King was informed by phone July 11 that an architect registered in Arizona should be involved for the architectural portion of the project. He assured me this would be done. In a phone conversation September 11, he stated that he would again contact Mr. Reilly, who is the building contractor, and insist that an architect be engaged.

Addition to Gadsden School - worked with Dept. of Building Codes and drawings for the building were properly sealed by an architect before the building was released. The foundation drawing was sealed by T. Rader, Civil Engineer No. 6586 and Structural Engineer No. 7589. It was suggested to Mr. Maehling, Superintendent of Schools for Yuma County that a local architect or engineer be engaged to coordinate the project and supervise construction in the interest of safety of the occupants.

An article was noted in the Arizona Republic indicating tha the Consumer Protection Division of the Attorney General's office may file false advertising charges against contractors who advertise in the yellow pages of the Mountain Bell telephone directory.

Continued.... on Page 3429

BUDGET REQUEST SUBMITTED TO DEPT. OF ADMINISTRATION AUGUST 30, 1974  
FOR FISCAL YEAR 1975 - 1976

	<u>Expended 1973-1974</u>	<u>Appropriated 1974-1975</u>	<u>Requested 1975-1976</u>
Personal Services & Related Costs	47,100	55,500	64,600
Travel	4,100	7,600	7,600
Computer	2,900	2,800	3,000
Exams - NCEE	4,100	4,500	8,100
Local Examiners	2,000	2,500	3,100
"    NCARB	12,600	14,000	18,300
"    CLARB	900	1,000	1,200
Investigations	300	7,000	20,000
Newsletters	--	5,000	5,300
Occupancy	9,200	8,100	8,000
Annual Report	7,200	8,300	8,700
Communication	7,700	9,700	11,900
Office Supplies	5,700	7,100	8,800
Xerox	800	900	900
Dues & Subscriptions	1,700	1,900	1,900
Equipment	300	700	1,100
Refunds	100	200	200
TOTAL	\$106,700	\$136,800	\$172,700

The increased amount for investigations was requested to implement A.R.S. 32-106.01, Injunctive Power.

CASH FLOW REPORT - #1

DATE: September 3, 1974

Balance on Deposit as of July 1, 1974 - \$137,937.26  
 Balance on Deposit as of Report Date - \$141, 877.43  
 Total Allocated Receipts to Technical Fund as of Report Date - \$3,940.17  
 Technical Fund Balance as of Report Date - \$131,983.45

LUMP SUM APPROPRIATED \$136,900.00

<u>Expenditures</u>	<u>Amount</u>
Personal Services	\$6,285.11
Employee Related Costs	995.69
Travel	135.05
Maintenance & Repairs	111.82
Office Supplies	512.51
Postage	31.50
Telephone	289.87
Dues & Subscriptions	45.80
Revolving Fund	20.00
Refunds	<u>13.50</u>

Amount Spent to Date \$ 8,440.85

Balance of Appropriated Monies \$128,459.15

REPORT OF THE EXECUTIVE DIRECTOR - Cont'd.

Budget Explanation - The 1975-76 Budget was submitted to the Budget Office August 30, 1974. Mr. Cerf of the Joint Budget Committee visited to review the request on September 4th and Mr. Anderes of the Budget Office made a similar review September 9th.

Provision was made for an additional office employee under Personal Services and for additional investigations under Professional Services, to provide for expenses incidental to the new law on Injunctive Power, A.R.S. 32-106.01.

At June 30, 1974, the Technical Fund balance was \$137,948, an increase of \$17,738 over the preceding year. It is expected that expenses will exceed receipts and the fund will begin to reduce.

Professor Troxler from Northern Arizona University called this week and reported that NAU had received accreditation in Civil, Electrical and Mechanical Engineering. Formal notification by letter would be sent to the Board.

It was moved by Mr. Dryden and seconded by Mr. Wyatt that this report be accepted. Motion carried.

READING OF COMMUNICATIONS

Letter from Sidney H. Brase, Civil Engineer, File #73-113, requested he be permitted an extension to the April, 1975, examinations, and also requested waiver of Parts 1 and 2 of the exam. It was moved by Mr. Girand and seconded by Mr. Wyatt that Mr. Brase be permitted to delay his examination until next spring. Motion carried. It was moved by Mr. Girand and seconded by Mr. Dryden that he be allowed to appear before the Board regarding the waiver of Parts 1 and 2. Motion carried.

Letter from Jerry C. Calloway, requesting an extension of his personal audience before the Engineering Evaluation Committee to the November meeting was presented. It was moved by Mr. Girand and seconded by Mr. Dryden that this applicant's request to appear for his interview in November be granted. Motion carried.

Letter from Howard T. Parsell, requesting an extension of his personal audience before the Engineering Evaluation Committee to the November meeting was presented and it was moved by Mr. Girand and seconded by Mr. Dryden that if his business commitments are such that he cannot appear, I think the Board should take a fair position to recognize this and that he be rescheduled at a convenient date. Motion carried.

Letter from Frederick R. Brown, explaining the use of his unauthorized seal which he forwarded to this office, was presented as shown on Minute Page 3430. It was moved by Mr. Wallace and seconded by Mr. Girand that his letter be accepted. Motion carried.

Letter from M. M. Masson, regarding the use of a self-inking stamp (seal), as shown on Minute Page 3431 was presented. It was moved by Mr. Dryden and seconded by Mr. Girand that the registrants of the State Board of Technical Registration are to use the seal as prescribed by the Board and procure the seal as described by the Board. Motion carried. It was moved by Mr. Wallace



03430  
FREDERICK BROWN ASSOCIATES

Electrical Engineering

3848 Campus Drive, Suite 212, Newport Beach, California 92660 Telephone (714) 546-9995

July 12, 1974

Arizona State Board of Technical Registration  
1645 W. Jefferson  
Suite 315  
Phoenix, Arizona 85007

Attention: Mr. Edward G. Drewry  
Executive Director

Gentlemen:

Thank you very much for bringing to my attention the fact that an illegal seal was used on drawings prepared by my office for the proposed Coco's Restaurant in the Metrocenter. I have, in my possession, a correct seal which was ordered through your office, but apparently at some time, when it was mislaid, my secretary had unfortunately ordered a 'replacement' through our local stationers. This seal is enclosed so that you may be assured it will not be used again.

My sincere apologies are also due for having signed the drawings with an abbreviated signature. New prints have been submitted to the building department with the correct seal and my full signature. I sincerely hope that this will mitigate an unfortunate error, and assure you that it will not occur again.

Sincerely,

FREDERICK BROWN ASSOCIATES  


Frederick R. Brown, P.E.  
Principal

slg:3596/74  
Enclosure

03431

SULLIVAN & MASSON CONSULTING ENGINEERS  
222 WEST OSBORN ROAD - SUITE 101 - PHOENIX, ARIZONA 85013 - 602-263-8809

LOUIS C. SULLIVAN, P.E.  
MILTON M. MASSON, P.E.  
JOSEPH A. GERVASIO, P.E.

RECEIVED

AUG - 9 1974

STATE BOARD TECHNICAL REGISTRATION

August 7, 1974

Mr. Ted Drewry  
State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Dear Ted:

This will confirm our brief conversation Wednesday,  
August 7.

Sometime ago Louis and I were presented an opportunity to purchase an extra copy of our seal from a guy who was peddling a new type of self-impregnated stamp. These were very attractive to us since we would not have to have any stamp pads to keep up with and keep full of ink. In fact, we replaced every possible type stamp in our office with these so that we would not have to ever use stamp pads again.

At that time we obviously did not recall anything in the statutes which prevented this. Also, we thought they were an exact duplicate of our original stamps in every detail.

As a result of our conversation, Louis and I have destroyed both copies of the stamps. We would like to make a formal request of the Board to in some way allow the use of this type of stamp. They not only negate the use of stamp pads, but also use the only type ink we have found totally successful adhering to mylar and other plastic type drawing media without the problem of smear. Would appreciate the Board's comment on this matter.

Sincerely,

  
M. M. Masson, P.E.

MMM:mm

READING OF COMMUNICATIONS - Cont'd.

and seconded by Mr. Dryden that the Board accept his letter as to destroying the seal and reply to Mr. Masson by the Executive Director of the Board's action. Motion carried.

Letter from the Executive Director to the Chairman, as shown on Minute Page 3433 and 3434, was presented. It was moved by Mr. Dryden and seconded by Mr. Girand that the Chairman make the proper application to the Personnel Division. Motion carried.

Letter by L. L. Pike forwarded by Jerry O'Connell, Maricopa County Health Department was discussed. The Executive Director reported he received a call from Mr. O'Connell concerned about the fact that this residential property in Clearwater Hills where a retaining wall had been built to hold back water and that Tom Thomas had made some tests and would not make any statements about the wall. Since Thomas was hired by the owner should point out to the owner he should hire an engineer. Mr. Pike it was noted was a registered architect and not an engineer as stated on his letterhead. It was moved by Mr. Dryden and seconded by Mr. Wallace that the Executive Director contact Mr. Pike about his letterhead. Motion carried.

UNFINISHED BUSINESS

Opinion No. 74-17 (R-37) from the Attorney General regarding county engineers, as shown on Minute Pages 3435 through 3439, was presented and was distributed to the County Boards of Supervisors as directed at the June 28, 1974, Board meeting on August 23, 1974.

Opinion from the Attorney General regarding an unregistered person using his name in the name of a firm or corporation which offers professional services to the public in any category under jurisdiction of the Board, as shown on Minute Page 3440, was discussed. Mr. Low stated that since A.R.S. 32-143 was a specific provision and A.R.S. 32-145 was a general provision, the Legislature would be the only way this could be resolved when a non-registrant's name appears with the firm name.

Report of the ad-hoc committee on Injunctive Power as presented by Mr. Dryden was a letter from the Assistant Attorney General, as shown on Minute Pages 3441 and 3442, which he felt was self-explanatory. Since the law had become effective on August 9, the office had not received any complaints.

NEW BUSINESS

Sworn complaint from Donald H. Cramer against Albert V. McEowen, Civil Engineer, No. 1889, as shown on Minute Pages 3443 and 3444, was presented. It was moved by Mr. Dryden and seconded by Mr. Wallace that a formal hearing be held in this matter. Motion carried.

It was the consensus of the Board that we hire our own investigators for future hearings.

STATE OF ARIZONA

State Board of Technical Registration

03433

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS

1645 W. JEFFERSON

PHOENIX, ARIZONA 85007

271-4053

July 6, 1974

Mr. M. L. Vanlandingham, Chairman  
State Board of Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mr. Vanlandingham:

The provisions of Chapter 120, Second Regular Session - 1974, include A.R.S. § 38-781.36 "Employment beyond normal retirement date," copy of which is attached. The law becomes effective July 1, 1975.

Accordingly, I hereby request approval for continued employment beyond January 6, 1975, and that I be certified by the Board as fully fitted by reason of experience and training to perform the duties of my position.

It is understood that such approval and certification by the Board is to be limited to the purpose of the above law and does not prohibit the Board from taking action to terminate my employment at any time.

Sincerely,



Edward G. Drewry  
Executive Director

EGD/js

Attachment

A.R.S. 38-781.36. Employment beyond normal retirement date

A. The personnel board shall adopt rules prescribing the procedures and standards to be followed for the continuation of employment beyond the normal retirement date.

B. Any person employed as an officer or employee of the state or a political subdivision of the state may continue employment beyond the normal retirement date if:

1. Such officer or employee requests in writing, six months prior to his normal retirement date, that he be permitted to continue such employment, and

2. Such officer or employee is certified by his appointing authority as fully fitted by reason of experience and training to perform the duties of his position and the appointing authority approves the request for continued employment, and

3. The personnel board approves such request pursuant to its rules and regulations governing continued employment after the normal retirement date.

C. The personnel board shall not approve a request for a term of continued employment exceeding one year but may approve as many annual requests for continued employment as they deem advisable.

N. WARNER LEE, THE ATTORNEY GENERAL  
STATE CAPITOL  
PHOENIX, ARIZONA

03435

August 22, 1974

DEPARTMENT OF LAW OPINION NO. 74-17 (R-37)

---

REQUESTED BY: JOHN GIRAND  
Secretary  
Arizona State Board of Technical Registration

QUESTION: Is a county engineer, appointed pursuant to A.R.S. § 11-561, subject to the registration requirements pertaining to the practice of engineering in the State of Arizona contained in Article 2, Chapter 1, Title 32, Arizona Revised Statutes?

ANSWER: Yes.

Article 2, Chapter 1, Title 32, Arizona Revised Statutes, generally provides for the registration of individuals practicing in disciplines subject to the regulatory jurisdiction of the State Board of Technical Registration. Specifically, A.R.S. § 32-121 requires that:

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

The term "engineering practice" received specific definition in A.R.S. § 32-101.B.7. That statute, in relevant part, reads:

7. "Engineering practice" means any professional service or creative work requiring engineering education, training and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, research, investigation, evaluation, planning, surveying, design, location, development, and review of construction for conformance with contract documents and design, in connection with any

Opinion No. 74-17  
(R-37)  
August 22, 1974  
Page Two

public or private utility, structure, building, machine, equipment, process, work or project. . . . A person shall be deemed to be practicing or offering to practice engineering if he practices any branch of the profession of engineering, or by verbal claim, sign, advertisement, letterhead, card or any other manner represents himself to be a professional engineer, or holds himself out as able to perform or does perform any engineering service or other service or recognized by educational authorities as engineering. . . . Id.

The laws that establish the office of county engineer and demarcate the scope of his activities are contained in Article 9, Chapter 3, Title 11, Arizona Revised Statutes. A.R.S. § 11-561.A provides a succinct statement of the qualifications required of a county engineer. "The board of supervisors may appoint a county engineer, who shall be a competent civil engineer and road builder." Id. The county engineer's duties are fully detailed in A.R.S. § 11-562:

A. The county engineer shall be custodian of the records and property of the county relating to surveying, engineering and road construction.

B. Except where highways are being constructed under the direction of a highway commission, the county engineer shall, under the direction of the board, have charge of all highways, other engineering construction and improvements, alterations and repairs to county property, and shall make surveys, maps, plans and specifications required by the board.

Although the language of Subsection B above clearly speaks in terms that fit the definition of an "engineering practice", set forth in A.R.S. § 32-101.B.7, nowhere in Article 9, supra, is there any mention of a requirement that a county engineer must be enrolled on the list of registrants certified by the State Board of Technical Registration. Thus, the question arises as to whether the Legislature intended the sweep of the technical registration code to encompass the statutory office of county engineer.

We believe the correct answer is readily ascertainable upon examination of the legislative history of the respective laws. The original enactment creating the office of county engineer was contained in Laws 1913, Ch. 48, and codified at R.S. 1913, §§ 2618 - 2627. That legislation predates, by eight years, passage of the first technical registration act. Laws 1921, Ch. 135. Essentially, the later statutory scheme provided for the establishment of a Board of Registration as the licensing agency charged with regulating the professions of architecture, assaying, engineering and land surveying. Those sections of Ch. 135, supra, that are relevant to the question before us are as follows:

Section 1. In order to safeguard life, health and property, any person practicing or offering to practice as an architect, a professional engineer, a land surveyor or an assayer in this State, shall hereafter be required to submit evidence that he is qualified so to practice, and shall be registered as hereinafter provided, and from and after six months after this act becomes effective, it shall be unlawful for any person to practice or to offer to practice in this state, as an architect, a professional engineer, hereinafter called engineer, a land surveyor or an assayer, except under the provisions of this act.

Section 2. Nothing in this act shall be construed as requiring registration by an individual, firm or corporation for the purpose of practicing architecture, engineering, land surveying or assaying on property owned or leased by said individual, firm or corporation, unless the same involves the public safety or health; nor as requiring registration by any person, who prior to the time of passage of this act was engaged in the practice of architecture, engineering, land surveying or assaying; provided, however, such person shall not represent himself as, or use the title of "Registered Architect," "Registered Professional Engineer," "Registered Land Surveyor," or "Registered Assayer," unless such person is qualified by registration under this act.



Opinion No. 74-17  
(R-37)  
August 22, 1974  
Page Four

Section 12. The following shall be exempted from the provisions of this act:

\* \* \*

7. Practice of architecture, engineering, land surveying or assaying solely as an employee of this state or any political subdivision thereof, at the time this act becomes effective and thereafter only until the expiration of the then existing term of office for such employee.

\* \* \*

Section 14. One year after this act goes into effect, neither the state nor any county, township, city, town or village nor other political subdivision of the state, shall engage in the construction or maintenance of any public work involving architecture or engineering for which the plans, specifications and estimates have not been made by, and the construction and maintenance supervised by, a registered architect or a registered engineer; provided, that nothing in this section shall be held to apply to such public work wherein the contemplated expenditure for the completed project does not exceed Five Thousand (\$5,000.00) Dollars.

It seems clear from the above quoted sections of the 1921 act that the Legislature intended to bring all practicing engineers, whether in the private or public sector, ultimately under the jurisdiction of the forebear to the present day Board of Technical Registration. Not only were public employees, practicing in the technical fields, granted only a limited time exemption by Ch. 135, Section 12.7, supra, but added encouragement to become registered existed due to the Section 14 prohibition, supra, against a nonregistrant's involvement with a public work project in excess of \$5,000.00.<sup>1</sup>

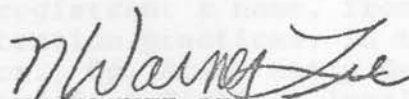
1. The public works prohibition presently reposed in A.R.S. § 32-142.A is an even stronger version. That statutory subsection reads:

Opinion No. 74-17  
 (R-37)  
 August 22, 1974  
 Page Five

Certainly the drafters of the technical registration laws were fully cognizant of the impact Ch. 135 (specifically, Sections 12.7 and 14) would have upon the office of county engineer. It is a well-recognized rule of statutory construction that the Legislature, when enacting a new provision, is aware of previous statutes that may bear upon the same or similar subject matter. In re Adoption of Wilcox, 68 Ariz. 209, 204 P.2d 168 (1949). Hence, it must be assumed that the Legislature chose to require that all county engineers become registrants in conformance with Laws 1921, Ch. 135, upon the expiration of their existing terms.

The foregoing legislative history, when considered in light of the fact that the present statutes pertaining to the office of county engineer fail to authorize any kind of registration exemption, forces the conclusion that a county engineer is subject to the requirements contained in Article 2, Chapter 1, Title 32, Arizona Revised Statutes. Accordingly, it is our opinion that county engineers must be registered with the State Board of Technical Registration in order to maintain their office.

Respectfully submitted,

  
 N. WARNER LEE  
 The Attorney General

NWL:JML:lf

Fn. 1 Continued

Drawings, plans, specifications and estimates for public works of the state or a political subdivision thereof involving architecture, engineering, assaying, geology, landscape architecture or land surveying, shall be prepared by or under the personal direction of, and the construction of such works shall be executed under the direct supervision of a qualified registrant within the category involved.

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

03440

GARY K. NELSON  
THE ATTORNEY GENERAL  
FRANK SAGARINO  
CHIEF ASSISTANT ATTORNEY GENERAL

July 30, 1974

Mr. Edward G. Drewry, Executive Director  
Arizona State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Dear Mr. Drewry:

I am in receipt of your letter inquiry, dated July 16, 1974, pertaining to the validity of a nonregistrant's name appearing in the corporate name of an architectural firm.

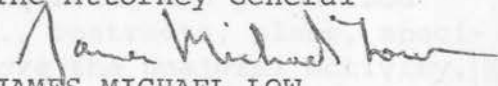
Essentially, A.R.S. § 32-141 prohibits any firm or corporation from engaging in those disciplines licensed by the Board unless under the authority of a registrant who must be a principal of the firm or an officer of the corporation. The statute also requires that the name of the registrant must appear whenever the firm or corporate name is used in a professional capacity.

Our office has previously opined that that law does not mandate the appearance of every registrant's name, from each proficiency in which the corporation practices, in the name of the professional corporation. Op. Ariz. Att'y Gen. No. 68-10-L. Inasmuch as a corporation is a distinct legal entity in the eyes of the law, the appearance of a nonregistrant's name as the corporate name would not run afoul of A.R.S. § 32-141 so long as a registrant's name was also present. Accordingly, the situation envisioned in your letter would be lawful provided that the name of the registrant appeared in sufficient proximity to the corporate name.

If you have any questions with regard to this or other matters, please feel free to contact me.

Sincerely,

N. WARNER LEE  
The Attorney General

  
JAMES MICHAEL LOW  
Assistant Attorney General

JML:hc

03441

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

N. WARNER LEE  
~~XXXXXXXXXXXX~~  
THE ATTORNEY GENERAL  
FRANK SAGARINO  
CHIEF ASSISTANT ATTORNEY GENERAL

August 14, 1974

RECEIVED  
AUG 15 1974

Mr. C. W. Dryden  
Member, State Board of Technical Registration  
1645 West Jefferson  
Phoenix, Arizona 85007

Re: A.R.S. §32-106.01: Injunctions

Dear Mr. Dryden:

I am responding to a letter inquiry from Ted Drewry, Executive Director of the Board, pertaining to the procedures I would follow in seeking to enjoin a non-registrant from practicing one of the professions subject to the Board's jurisdiction.

Because it is in the public interest to secure as swift a judicial order as possible, I would avail myself of a show cause procedure. Essentially, an expedited hearing date would be set by the Court for the purpose of issuing an injunction pendente lite (before trial). At that hearing, I envision the need for two (possibly more, depending on the number of violations and the complexity of the case) witnesses. An individual from the Board, probably Mr. Drewry, who could testify that the defendant is not, and was not at the time of the alleged violation, registered. The second witness would have to testify as to the events that compose the unlawful activity (e.g., engineering). This individual would probably occupy some kind of contractual relationship with the defendant - that is, either his employer or the party for whom the services were to be performed. This witness would also be served with a subpoena duces tecum, requiring the production of the relevant documents (e.g., contracts, plans, specifications, etc.) that would prove the unlawful activity. The defendant would also be served with a similar subpoena for the production of these needed documents in his control and custody.

Mr. C. W. Dryden  
August 14, 1974  
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03442

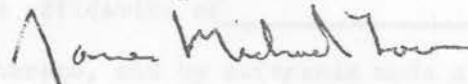
At the hearing the witnesses would testify and the documents would be introduced. Upon the close of the presentation of the Board's case I would move the Court to consolidate this pre-trial hearing with the trial, so that a permanent injunction may be issued. Generally, the Court will grant such a motion. In those cases it does not, the preliminary injunction will nevertheless issue and a trial date will be set, at which time the case will again be presented with all witnesses and evidentiary documents.

Hopefully, this brief review answers the kinds of questions implicit in Mr. Drewry's letter. Your obvious concern appears to be identifying the outside witness that will testify as to the substantive offense. As previously stated, this individual will generally be an employer (possibly an employee) or a party with whom the defendant has contracted to provide services.

If you have any further questions, don't hesitate to contact me.

Sincerely,

N. WARNER LEE  
The Attorney General



JAMES MICHAEL LOW  
Assistant Attorney General

JML/dw

STATE OF ARIZONA

State Board of Technical Registration

03443

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS 1645 W. JEFFERSON PHOENIX, ARIZONA 85007 271-4053

SWORN COMPLAINT

STATE OF ARIZONA ) County of Maricopa )

I Donald H. Cramer being first duly sworn, upon my oath, deposes and says:

That I Donald H. Cramer

That, pursuant to A.R.S. 32-128, I wish to file a sworn complaint with the Arizona State Board of Technical Registration in regard to Albert V. McEowen (Name of Individual)

That I have investigated certain incidents, the details of which are more particularly described in the affidavits of Donald H. Cramer, attached hereto, and by reference made a part hereof as Exhibits One, respectively;

That as a result of said investigation, it is my opinion that Albert V. McEowen is in violation of A.R.S. 32-125-C and AR.S. 32-143.

Donald H. Cramer (Name)

SUBSCRIBED AND SWORN to before me this 11th day of September, 1977.

Notary Public Signature

NOTARY PUBLIC My Commission Expires April 15, 1978

My Commission Expires:

SWORN AFFIDAVIT

Exhibit One

STATE OF ARIZONA )  
                          )  
County of Maricopa

I, Donald H. Cramer, being first duly sworn

upon my oath, deposes and says: on September 5, 1974 I examined a set of working drawings for a Child Care Center being constructed at 1208 N. 24th. Street, Phoenix, Arizona. The City of Phoenix Log number is 2670 and the building permit number is 20689. The drawings had the registration seal and signature of Albert V. McEowen. These drawings were sepias of drawings that were prepared by my staff in my office for a Child Care Center in Albuquerque, New Mexico. My file number 7307 was still on all the drawings and some of the drawings were not changed at all.

*[Faint handwritten signatures and text, possibly "Albert V. McEowen" and "John ..."]*

I certify that the above statements are true and correct to the best of my knowledge and ability.

Donald H. Cramer  
NAME

SUBSCRIBED AND SWORN to before me this 11<sup>th</sup> day of September,  
1974.

Maatha B. Espinoza  
NOTARY PUBLIC

My Commission Expires April 15, 1978

My Commission Expires:

NEW BUSINESS - Cont'd.

Mr. Girand reported that there had been some comments by the geologists at the Evaluation meetings about the geology examinations prepared by the University of Arizona. It was moved by Mr. Girand and seconded by Mr. Wallace that the Executive Director be instructed to communicate with other states who register geologists requesting copies of their examinations and write a letter to AIMME requesting them to appoint a committee of three competent geologists to review the questions but to exclude the examinations for November. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Wyatt that the following meeting dates be adopted. Motion carried.

Architectural and Landscape Architectural Evaluation Committees  
November 18 and 19, 1974

Engineering Evaluation Committee  
November 21, 21 and 22, 1974

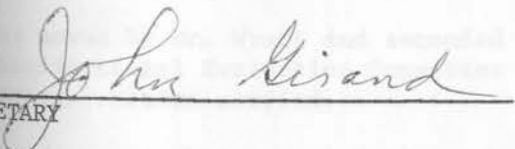
Regular meeting of the Board in Phoenix  
December 6, 1974

The Chairman announced that the formal hearings will be held on December 5 and/or 6, 1974.

ADJOURNMENT

The Chairman adjourned the meeting at 12:00 Noon.

  
\_\_\_\_\_  
CHAIRMAN

  
\_\_\_\_\_  
SECRETARY



The Chairman recalled the meeting at 9:00 A.M., Friday, December 6, 1974, and noted that the same members were present as on Thursday and there was a quorum present.

At this time the Chairman welcomed Mr. Simmons who had been appointed to the Board on September 30, 1974. The revised committee appointments is shown on Page 3449.

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that the minutes of the meeting of the Board on September 12 and 13, 1974, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

No report.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

A letter from Fernand W. Dahan, Architect applicant, #74-307, was presented, explaining his inability to appear at the November evaluation committee meeting due to his wife's illness, and would be out of the country in February, requesting an extension to the next evaluation meeting thereafter. It was moved by Mr. Wyatt and seconded by Mr. Knickerbocker that Mr. Dahan be allowed to have a continuance of his personal audience until he can meet with the committee. Motion carried.

The Architectural Evaluation Committee meeting report of November 18 and 19, 1974, was presented by Chairman Wyatt, as shown on Minute Pages 3450, 3451 and 3452.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the above report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Landscape Architectural Evaluation Committee meeting report of November 19, 1974, was presented by Chairman Wyatt, as shown on Minute Page 3453.

It was moved by Mr. Wyatt and seconded by Mr. Wallace that the above report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Engineering Evaluation Committee meeting report of November 20, 21 and 22, 1974, was presented by Chairman Knickerbocker, as shown on Minute Pages 3454, 3455 and 3456.

It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that the above report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

December 5 - 6, 1974

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in Room 212, 1645 W. Jefferson, Phoenix, Arizona, Thursday, December 5, 1974, at 1:30 P.M.

PRESENT

- M. L. Vanlandingham, Chairman
- Robert G. Wallace, Vice-Chairman
- John Girand, Secretary
- C. W. Dryden
- James L. Knickerbocker
- Woodrow W. Simmons
- Ralph L. Wyatt
- Michael Low, Asst. Atty. Gen.

ABSENT

- Lew Place

FORMAL HEARINGS

Chairman Vanlandingham announced it was the time and place for the formal hearing, Complaint No. 74-2, in the matter of Derek H. White, a registered Civil Engineer, No. 6409, who was present without counsel. William R. Wood appeared on his behalf as a witness. Representing the Board was Assistant Attorney General Michael Low and witnesses were Joe O'Brien of the City of Phoenix and Ben Thompson of SRK Realty, Inc.

The complaint alleged that Mr. White signed, stamped and sealed plumbing drawings, prepared by William A. Wood and Associates, a non-registrant, on an apartment complex located at 6131 North 16th Street, Phoenix, Arizona, filed under City Log No. 1791 and in doing so is charged with aiding and abetting an unregistered person to evade the provisions of A.R.S. 32-128,A, (3).

After testimony by all witnesses, the Chairman called for a vote on the charges alleged. It was moved by Mr. Wyatt and seconded by Mr. Knickerbocker that the respondent Mr. White has violated the law as set forth in the complaint and the penalty to be imposed is a 90-day suspension. Motion carried unanimously. The suspension was to become effective immediately.

The Findings of Fact and Conclusions of Law in this matter were that respondent was approached by Mr. William R. Wood, who was hired by Mr. Simpson of Bayshore Development Company to design the electrical and mechanical plans for SRK Realty Company on the project mentioned above, to review the plumbing plans and place his seal and signature on them for securing the building permit in Arizona.

That respondent or his bona fide employee did not prepare these plans which were prepared by William R. Wood and Associates.

That conduct of the respondent Derek H. White constitutes grounds pursuant to A.R.S. 32-128, A, (3), and A.R.S. 32-125, C, for suspension or revocation of his certificate of registration as charged in the complaint.

Chairman Vanlandingham advised Mr. White that he had 35 days in which to appeal the Board's action.

At 3:00 P.M., Chairman Vanlandingham announced it was the time and place for the formal hearing, Complaint No. 74-3, in the matter of Albert V. McEowen, a registered Civil Engineer, No. 1899. Counsel for the respondent was Wade Church and witnesses who appeared in his behalf were: Paul Emch, All-Seasons Child Care Center Manager, and Gary Vielstorf, estimator for Wayne Barnes Construction Company.

Representing the Board was Assistant Attorney General Michael Low and witnesses were Joe O'Brien of the City of Phoenix and Donald H. Cramer, Architect.

The Complainant, Donald H. Cramer, alleged that he examined a set of working drawings for a Child Care Center being constructed at 1208 North 24th Street, Phoenix, Arizona, under City of Phoenix Log No. 2670, building permit No. 20689 and the drawings had the registration seal and signature of Albert V. McEowen. These drawings were sepias of drawings that were prepared by his staff in his office for a Child Care Center in Albuquerque, New Mexico. His file number 7307 was still on all the drawings and some of the drawings were not changed at all. Therefore he charged Mr. McEowen was in violation of A.R.S. 32-125,C, and A.R.S. 32-143.

After testimony by all witnesses, the Chairman called for the vote on the charges alleged. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that based upon the evidence that had been presented, the respondent was found in violation of A.R.S. 32-125,C, but based also upon the evidence presented, there was no violation of A.R.S. 32-143. Motion carried unanimously. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that Mr. McEowen's registration be suspended for a period of thirty days. Motion carried with six ayes and one nay. The suspension was to become effective immediately.

The Findings of Fact and Conclusions of Law in this matter were that respondent placed his seal and signature on a set of plans for a Child Care Center, located at 1208 N. 24th Street, Phoenix, Arizona, under City Log No. 2670, after doing the structural calculations only, at the request of contractor's representative, Mr. Gary Vielstorf.

That respondent did not prepare the plans for the Child Care Center which the owner Mr. Emch had secured from Donald H. Cramer, registered Architect, who had designed the Child Care Center for a project in Albuquerque, New Mexico.

That conduct of the respondent Albert V. McEowen constitutes grounds pursuant to A.R.S. 32-125,C, for suspension or revocation of his certificate of registration as charged in the complaint.

Chairman Vanlandingham advised Mr. McEowen that he had 35 days in which to appeal the Board's action.

The Court Reporter for these hearings was Ronnie Bilodeau of John Brabec and Associates.

The Chairman adjourned the meeting at 5:30 P.M. to be reconvened at 9:00 A.M., Friday, December 6, 1974, in the Board office, Room 315, 1645 West Jefferson, Phoenix, Arizona.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

COMMITTEE APPOINTMENTS  
(Revised 12/1/74)  
1974 - 1975

Executive Committee:		Entire Board
Rules & By-Laws Committee:		Robert G. Wallace, Chairman C. W. Dryden John Girand Lew Place
Legislative Committee:		C. W. Dryden, Chairman John Girand Woodrow W. Simmons Ralph L. Wyatt
Public Information Committee		Entire Board
Budget Committee:		Ralph L. Wyatt, Chairman James L. Knickerbocker Robert G. Wallace
Evaluation and Examination Committees:		
Architects:		Ralph L. Wyatt, Chairman Lew Place M. L. Vanlandingham
Engineers:		James L. Knickerbocker, Chairman C. W. Dryden John Girand Woodrow W. Simmons Robert G. Wallace
Landscape Architects:		Ralph L. Wyatt, Chairman Lew Place Robert G. Wallace

DATE: November 27, 1974

TO: State Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee met on November 18 and 19, 1974, in Phoenix, Arizona, with the following members present:

- M. L. Vanlandingham
- Ralph L. Wyatt

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 architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Arnold, Christopher	74-571	Nispel, Donald L.	74-456
Blurock, William Edward	74-622	Palma, Manuel J.	74-529
Bourgeois, Gary Grant	74-382	Phillips, Gordon W.	74-621
Bradley, Michael Gene	74-631	Rikimaru, Yuki	74-309
Bystrom, Carl Arnold	74-519	Rogers, Roy Earl	74-452
Cetta, Vito	74-401	Roy, Robert Edward	74-359
Forrester, Terry Norman	74-292	Russell, George Vernon	74-630
Gross, August William	74-289	Sanders, John Mac	74-435
Harris, James Richard	74-550	Steelsmith, Henry George	74-545
Hawks, Judge LaMont	74-528	Stockwell, Russel Loring	74-518
Hunt, Robert John	74-465	Strong, Charles Dunwoody	74-142
Johnson, Arthur Dwayne	74-479	Stump, David Lee	
MacLean, Charles C., III	74-632	Stumpf, Fred L.	74-336
Mark, Adolf deRoy	74-240	Swed, Marcus Jack	74-494
Meyers, Melvin Richard	74-459	Tunick, Steven Robert	74-489
Mooradian, Douglas Marvin	74-525	Whelchel, Lonnis LeRoy	74-487
Nahser, Clifford Albert	74-572	Zachry, Robert Sheard	74-586

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, 1974, and June, 1975, examinations:

Aiello, Daniel Peter	74-278	Equivalency & Professional
Allison, Kenneth S.	74-605	Professional
Badham, Richard Allen	74-549	Equiv. Part I & II & Professional
Ball, Robert Bruce	74-543	Professional
Batchelder, James Allen	74-558	Equiv. Part III & Professional

## II. Continued

Bishop, Michael R.	74-535	Professional
Chase, James Whitaker	74-566	Professional
Cleave, Stewart Wesley	74-540	Professional
Daileda, David Allen	74-498	Professional
Duncan, Clarence Douglas	74-499	Equivalency & Professional
Ederington, James Kenney	74-542	Equiv. Part III & Professional
Enriquez, Mike Sanchez	74-581	Equiv. Part III & Professional
Gardner, Joseph Allen	74-565	Professional
Gough, Robert James	74-589	Professional
Hazeltine, David Gordon	74-500	Professional
Heideman, Tom Lee	74-495	Equivalency & Professional
Hunse, William Henry	74-537	Equivalency & Professional
Josett, James Michael	74-520	Equivalency & Professional
Knoell, Hugh, Jr.	74-536	Professional
Larry, Donald Everett	74-576	Professional
Lucero, Edward Horta	74-538	Equivalency & Professional
McFarland, Richard Allen	74-539	Professional
Mace, Kenneth Edward	74-575	Professional
Martin, Steven Roy	74-198	Professional
Metcalf, Lawrence Elliott	74-606	Professional
Micena, John Albert	74-430	Equiv. Part II & Professional
Mirkovich, Donald Nicholas	74-524	Professional
Mulligan, Dennis Myles	74-544	Professional
Munniger, Michael Joseph	74-552	Equiv. Part III & Professional
Noggle, Roy Harris	74-532	Professional
Phillips, James Bettin	74-596	Professional
Pulshipher, Charles Andrew	74-480	Equivalency & Professional
Saemisch, Robert Vinson	74-551	Equiv. Part II & Professional
Salazar, Luis Adolfo	74-574	Equiv. Part I & III & Professional
Silberschlag, Wayne David	74-559	Equiv. Part III & Professional
Sinsheimer, James A.	74-453	Professional
Sobin, Harris Junius	74-601	Equiv. Part II & Professional
Stover, Douglas Lee	74-564	Equiv. Part III & Professional
Sussholz, Steven Edward	74-527	Professional
Turley, Wallace Alan	74-476	Professional
Weidman, Michael Bernard	74-533	Equiv. Part III & Professional
Wells, William H.	74-534	Professional
Wilson, Shelby Kirk	74-557	Professional
Wiseman, Chris Edwin	74-582	Professional
Woods, Donald P., Jr.	74-511	Equivalency & Professional

III. The following applicants appeared before the committee and the evaluation of their applications determined that they should be denied for lack of experience under A.R.S. 32-123.A with the refund as shown:

Robinson, Gregory James	74-614	\$10.00
Walsh, Robert William	74-587	\$10.00

IV. The following applicants having been advised twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends they be denied for failure to complete the requirements of the Board within a reasonable length of time:

Janan, Bernard W.	74-307
Park, Ki Suh	74-308
Thomas, Brian Charles	74-127

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,

Ralph L. Wyatt, Chairman

Mr. Richard Lunde	74-304	Chief Identification & Description
Mr. [unclear]	74-335	Chief of Identification

The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

DATE: November 27, 1974

TO: State Board of Technical Registration  
FROM: Landscape Architectural Evaluation Committee  
SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on November 19, 1974, in Phoenix, Arizona, with the following members present:

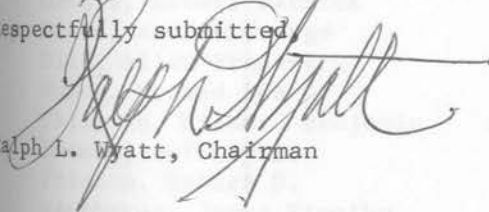
- M. L. Vanlandingham
- Ralph L. Wyatt

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendation shown regarding their professional registration in Arizona:

- 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, beginning in December, 1974:

Emik, Richard Louis	74-604	Plant Identification & Construction
Kalva, Viesturs	74-335	History & Construction

The committee recommends to the Board that Recommendation I of this report be accepted and implemented.

Respectfully submitted,  
  
Ralph L. Wyatt, Chairman

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DATE: November 27, 1974

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, 1974, with the following members present:

C. W. Dryden	Woodrow W. Simmons
John Girand	Robert G. Wallace
James L. Knickerbocker	

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 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

Agneberg, Wilman Edward	74-296
Ames, Sidney Ray	74-593
Best, John Walton, Jr.	74-474
Clark, William Lilburn, Jr.	74-562
Cowin, John Wilson	74-457
Davis, Franklin Daniel	74-517
Dennis, Robert Patrick	74-371
DiLeo, Andrew George	74-437
Dill, Allen Frederick	74-483
Ewing, Ronald Lee	74-411
Fallgren, Richard Benjamin	74-383
Feeney, Jeffrey J.	74-546
Friesen, Robert D.	74-526
Hawthorne, James Timothy	74-508
Haynes, Joseph Perry, Jr.	74-384
Higginson, Charles Oakey	74-485
Hill, Joe Pat	74-201
Hotz, Alvin J., Jr.	74-496
Howard, Joe Wesley	74-471
Hunt, Larry Edmund	74-510
Iyengar, Srinivasa	74-463
Kalla, Subhi M.	74-477
Lenczycki, Thomas Leon	74-464
Mead, Alan Curtis	74-578
Olson, Wesley Keith	74-209
Parsell, Howard T.	74-215
Paulus, Lee L.	74-451
Pilkington, Howard Lawrence	74-458
Snipes, Roger Leonard	74-513
Stapleton, Howard Fenner	74-497

CIVIL ENGINEERING - Cont'd.

Wilkinson, Eugene R.	74-311
Wilson, J. Caldwell	74-523
Winneberger, Theodore Wray	74-217

ELECTRICAL ENGINEERING

Bryan, Bruce Winfield	74-530
Clark, Robert Dale	74-554
Hoyt, Theron C.	74-570
Juachon, Ray I.	74-560
Pearce, Gordon E.	74-255
Reese, James Marshall	74-467
Shearl, Donald Edward	74-429
Tynes, Rex A. (re-regis. 1245)	74-616
Wolverton, James Duane	74-257
Aach, Roy Lee	74-649

MECHANICAL ENGINEERING

Aach, Roy Lee	74-191
Barton, Edward A.	74-229
Bingham, William Garver, Jr.	74-438
Burkhardt, Robert Henry	74-502
Calloway, Jerry Carter	74-186
Gallagher, Arthur Edward	74-57
Johnson, Dale Robert	74-561
Kenyon, Paul Anthony	74-484
Lendrum, John Thomas	74-448
Lober, Allen	74-598
Neal, Gordon William	74-238
Tucker, James Memory, Jr.	74-584
Von Tungeln, Lloyd Ludolph	74-594
Walker, Michael James	74-595
Zorzi, Edward Silvio	74-469

## I. Continued

MINING ENGINEERING

Huston, Richard Caswell 74-515

SANITARY ENGINEERING

Almgren, Howard Hans 74-455

Lager, John Alan 74-521

STRUCTURAL ENGINEERING

Bautista, Keith Peter John 74-512

Bibbes, Peter George 74-450

Buehler, Walter Douglas 74-441

Negrea, Stefan 74-488

Parsell, Howard T. 74-203

LAND SURVEYING

Barnes, Sammy Joe 74-263

Culak, Emil Robert, Jr. 74-462

Fraker, James Ransom 74-306

Mead, Alan Curtis 74-579

Raznatovich, Bozidar 74-327

Sullivan, Earl Douglas 74-506

Topmiller, Victor Woodard, Jr. 74-504

- 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 April, 1975, examinations:AGRICULTURAL ENGINEERING

Herndon, Charles Sidney 74-470 Parts 3 and 4

CIVIL ENGINEERING

Bruno, Leonard Charles 74-482 Parts 3 and 4

Huston, Richard Caswell 74-516 Parts 3 and 4

Lincoln, John Gladden, III 74-445 Parts 3 and 4

Martin, Denis H. 74-490 Parts 1, 2, 3 and 4

Mitchell, Landis LeRoy 74-486 Parts 3 and 4

Mumford, Gerald Waner 74-427 Parts 3 and 4

Sadowski, Michael Leonard 74-573 Parts 3 and 4

Teply, George J. 74-392 Parts 1, 2, 3 and 4

Williams, Dwayne A. 74-592 Parts 3 and 4

Wong, Jimmy 74-444 Parts 1, 2, 3 and 4

Ziemba, Donald L. 74-493 Parts 3 and 4

ELECTRICAL ENGINEERING

Daviet, Leslie Louis, II 74-569 Parts 3 and 4

Henry, Robert Richard 74-492 Parts 3 and 4

Herlich, Gilbert Adam 74-591 Parts 3 and 4

Leard, Thomas Matthew 74-475 Parts 3 and 4

Sokol, Thomas John 74-567 Parts 3 and 4

Trimble, Darrell Lee 74-509 Parts 3 and 4

INDUSTRIAL ENGINEERING

Forry, Kingsley Ellis 74-426 Parts 3 and 4

MECHANICAL ENGINEERING

Augspurger, Quentin 74-461 Parts 3 and 4

Jenkins, Peter Edwin 74-503 Parts 3 and 4

Thompson, James Edgar 74-440 Parts 3 and 4

Williamson, Kenneth L. 74-434 Parts 3 and 4

Yosmali, Ara Arman 74-491 Parts 3 and 4

## II. Continued

METALLURGICAL ENGINEERING

Geiger, Gordon Harold	74-250	Parts 3 and 4
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MINING ENGINEERING

Cole, Richard Carroll, Jr.	74-431	Parts 3 and 4
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STRUCTURAL ENGINEERING

Lambert, Larry Keith	74-447	Parts 3, 4, 5 and 6
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GEOLOGY

Bolin, David Samuel	74-231	Parts 3 and 4
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Lepley, Larry Kent	74-433	Parts 3 and 4
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Montgomery, Errol Lee	74-505	Parts 3 and 4
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Shaw, Allen Vaughan	74-547	Parts 3 and 4
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LAND SURVEYING

Bowlin, Gerald Ray	74-419	Parts 1, 2, 3 and 4
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Camper, Samuel Paul	74-468	Parts 1, 2, 3 and 4
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Grainger, Scott Calvert	74-531	Parts 1, 2, 3 and 4
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Hall, David Bruce	74-466	Parts 1, 2, 3 and 4
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Applicant held for the November, 1975, examination:LAND SURVEYING

Turner, Lee Roy	74-514	Parts 1, 2, 3 and 4
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The committee recommends to the Board that Recommendations I and II of this report be accepted and implemented.

Respectfully submitted,

*James L. Knickerbocker*

James L. Knickerbocker, Chairman

The Schedule of the Engineering Examinations in April, 1975, was presented as shown on Minute Page 3458.

It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that the above schedule be approved as presented. Motion carried.

Mr. Sidney H. Brase, Civil Engineering applicant, File #73-113, appeared before the Board, requesting reconsideration of the Board's action holding him for all four parts of the civil engineering examination at the June 11, 1973, Board meeting, with waiver of Parts 1 and 2 of the examination. He stated he had 30 years of engineering experience and at the present time supervised 20 people. He also was preparing to take the refresher course for the Spring examination, since his past education did not include all of the fundamentals. Mr. Girand gave him the typical questions for all four parts of the examination to assist him in preparing for the examination. The Chairman excused Mr. Brase from the meeting in order for the Board to discuss the matter. It was moved by Mr. Dryden and seconded by Mr. Girand that the Board's initial action of holding Mr. Brase for all four parts be reaffirmed. Motion carried. The Chairman then advised Mr. Brase the Board had considered his request and reaffirmed the findings of the Evaluation Committee that he should take Parts 1 and 2.

Mr. Gilbert N. Freeman, Geology applicant, File #69-198, appeared before the Board, requesting consideration of waiving Part 3 of the examination. Mr. Freeman was held for Parts 3 and 4 of the geology examination at the September 26, 1969, Board meeting, and had passed Part 4 of the examination in December, 1969. He stated that since he had applied in Arizona, he became registered in California in 1970. Since he had taken the examination several times and felt the examination was extremely academic, he would need to go back to school as it had been 25 years or so since he graduated from SMU. His experience now included working with geothermal steam and doing mining geology in Mexico and Nevada. The Chairman excused Mr. Freeman from the meeting in order for the Board to discuss the matter. It was moved by Mr. Knickerbocker and seconded by Mr. Simmons that the Board's initial action of holding Mr. Freeman for Parts 3 and 4 of the examination be reaffirmed. Motion carried. The Chairman then advised Mr. Brase the Board had evaluated his qualifications and reaffirmed the Board's initial action.

Mr. Jaime Andres Arquilevich, Structural Engineer applicant, who was denied at the September 13, 1974, Board meeting for failure to appear for the personal audience within a reasonable length of time, requested reconsideration of the Board's action due to his inability to attend the August Evaluation Committee meeting because of illness as attested by a letter from his physician. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that his application be reinstated. Motion carried.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

APRIL SCHEDULE OF EXAMINATIONS

03458

I. SATURDAY, APRIL 19, 1975

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G-228 and G-236 will also be used.

TUCSON, ARIZONA- Report to Rooms 202 and 206, Geology Building in the College of Mines 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 E.I.T. and G.I.T. applicants held for Subsection I of the in-training exam.

All assaying applicants held for Part I, Assaying Examination.

All professional structural engineering applicants held for Part V, Comprehensive Engineering Design

1:00 P.M. to 5:00 P.M.

All professional engineering applicants held for Part II, Fundamentals of Engrg.

All professional geology applicants held for Part II, Basic Geology.

All land surveying applicants held for Part II, Surveying Techniques.

All E.I.T. and G.I.T. applicants held for Subsection II of the in-training exam.

All assaying applicants held for Part II, Assaying Examination.

All professional structural engineering applicants held for Part VI, Structural Engineering Design.

II. SUNDAY, APRIL 20, 1975

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Rooms G228 and G236 will also be used.

TUCSON, ARIZONA- Report to Rooms 301 and 303 of the Civil Engineering Building at 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 Principles.

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that the following applicants are to be denied for failure to appear for the written examination as required by the Board within a reasonable length of time. Motion carried.

Arrigo, Anthony Joseph	74-104	Mechanical Engineer
Beebe, Gary G.	73-48	Engineer-in-Training
Bolduc, Stephen L.	74-101	Engineer-in-Training
Burrus, William Thomas	72-615	Civil Engineer
Childress, Parul Arthur	73-736	Civil Engineer
Coppin, Frederic A.	74-62	Engineer-in-Training
Frugia, Jerry Russell	73-196	Land Surveyor
Ginn, Mickey M.	73-140	Engineer-in-Training
Granger, Wayne C.	73-741	Geologist
Ibarrola, Demetrio Elias	74-61	Engineer-in-Training
Kirby, Claude Brian, Jr.	73-589	Geologist
McCormick, Alton Leroy, Jr.	73-333	Aeronautical Engineer
McLain, James Kenton	72-60	Engineer-in-Training
Patel, Dilipkumar Manibhai	73-761	Civil Engineer
Pope, John Gilbert	73-669	Land Surveyor
Prusien, Joseph P.	73-138	Engineer-in-Training
Seiler, John	71-214	Electrical Engineer
Sills, Billy Wayne	73-97	Engineer-in-Training
Smith, Robert H.	61-96	Civil Engineer
Thomas, Rowland Lloyd, Jr.	73-403	Highway Engineer
Truehart, Richard L., Jr.	74-109	Engineer-in-Training

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that the following applicants are to be denied with neither prejudice nor refund at their request. Motion carried.

Arollo, Abram Henry	73-54	Engineer-in-Training
Badham, Richard Allen	74-65	Architect-in-Training
Batchelder, James Allen	73-5	Architect-in-Training
Burgess, William Edward	74-232	Mechanical Engineer
Coker, Joseph Ellis	74-369	Civil Engineer
Connor, Floyd T.	74-47	Engineer-in-Training
Eastman, Ray Alan	74-15	Geologist
Ederington, James K.	74-94	Architect-in-Training
Enriquez, Mike Sanchez	74-8	Architect-in-Training
Morris, Benjamin Franklin, Jr.	72-110	Engineer-in-Training
Munninger, Michael J.	73-31	Architect-in-Training
Saemisch, Robert V.	74-31	Architect-in-Training
Salazar, Luis Adolfo	74-45	Architect-in-Training
Silberschlag, Wayne David	74-54	Architect-in-Training
Sobin, Harris J.	74-105	Architect-in-Training
Stover, Douglas Lee	74-47	Architect-in-Training
Tadger, Persiado Dick	73-402	Structural Engineer
Walliman, Greg G.	74-7	Engineer-in-Training
Weidman, Michael Bernard	74-57	Architect-in-Training
Xanthakos, Petros P.	74-176	Structural Engineer

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt 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

Arnold, Christopher	9871
Blurock, William Edward	9872
Bourgeois, Gary Grant	9873
Bradley, Michael Gene	9874
Bystrom, Carl Arnold	9875
Cetta, Vito	9876
Forrester, Terry Norman	9877
Gross, August William	9878
Harris, James Richard	9879
Hawks, Judge LaMont	9880
Hunt, Robert John	9881
Johnson, Arthur Dwayne	9882
MacLean, Charles C., III	9883
Mark, Adolf deRoy	9884
Meyers, Melvin Richard	9855
Mooradian, Douglas Marvin	9886
Nahser, Clifford Albert	9887
Nispel, Donald L.	9888
Palma, Manuel J.	9889
Phillips, Gordon W.	9890
Rikimaru, Yuki	9891
Rogers, Roy Earl	9892
Russell, George Vernon	9894
Sanders, John Mac	9895
Steelsmith, Henry George	9896
Stockwell, Russel Loring	9897
Strong, Charles Dunwoody	9898
Stumpf, Fred L.	9900
Swed, Marcus Jack	9901
Tunick, Steven Robert	9902
Whelchel, Lonnie LeRoy	9903
Zachry, Robert Sheard	9904
Roy, Robert Edward	9893

CIVIL ENGINEERING

Agneberg, Wilman Edward	9905
Ames, Sidney Ray	9906
Best, John Walton, Jr.	9907
Clark, William Lilburn, Jr.	9908
Cowin, John Wilson	9909
Davis, Franklin Daniel	9910
Dennis, Robert Patrick	9911
Dileo, Andrew George	9912
Dill, Allen Frederick	9913
Ewing, Ronald Lee	9914
Fallgren, Richard Benjamin	9915
Feeney, Jeffrey J.	9916
Friesen, Robert D.	9917
Hawthorne, James Timothy	9918
Haynes, Joseph Perry, Jr.	9919
Higginson, Charles Oakey	9920

CIVIL ENGINEERING - Cont'd.

Hill, Joe Pat	9921
Hotz, Alvin J., Jr.	9922
Howard, Joe Wesley	9923
Hunt, Larry Edmund	9924
Iyengar, Srinivasa	9925
Kalla, Subhi M.	9926
Lenczycki, Thomas Leon	9927
Mead, Alan Curtis	9928
Olson, Wesley Keith	9929
Parsell, Howard T.	9930
Paulus, Lee L.	9931
Pilkington, Howard Lawrence	9932
Snipes, Roger Leonard	9933
Stapleton, Howard Fenner	9934
Wilkinson, Eugene R.	9935
Wilson, J. Caldwell	9936
Winneberger, Theodore Wray	9937

ELECTRICAL ENGINEERING

Aach, Roy Lee	9976
Bryan, Bruce Winfield	9938
Clark, Robert Dale	9939
Hoyt, Theron C.	9940
Juachon, Ray I.	9941
Pearce, Gordon E.	9942
Reese, James Marshall	9943
Shearl, Donald Edward	9944
Tynes, Rex A. (re-regis.)	1245
Wolverton, James Duane	9945

MECHANICAL ENGINEERING

Aach, Roy Lee	9946
Barton, Edward A.	9947
Bingham, William Garver, Jr.	9948
Burkhardt, Robert Henry	9949
Calloway, Jerry Carter	9950
Gallagher, Arthur Edward	9951
Johnson, Dale Robert	9952
Kenyon, Paul Anthony	9953
Lendrum, John Thomas	9954
Lober, Allen	9955
Neal, Gordon William	9956
Tucker, James Memory, Jr.	9957
Von Tungeln, Lloyd Ludolph	9958
Walker, Michael James	9959
Zorzi, Edward Silvio	9960

MINING ENGINEERING

Huston, Richard Caswell	9961
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Continued.....

SANITARY ENGINEERING

Almgren, Howard Hans	9962
Lager, John Alan	9963

STRUCTURAL ENGINEERING

Bautista, Keith Peter John	9964
Bibbes, Peter George	9965
Buehler, Walter Douglas	9966
Negrea, Stefan	9967
Parsell, Howard T.	9968

LAND SURVEYING

Barnes, Sammy Joe	9969
Culak, Emil Robert, Jr.	9970
Fraker, James Ransom	9971
Mead, Alan Curtis	9972
Raznatovich, Bozidar	9973
Sullivan, Earl Douglas	9974
Topmiller, Victor Woodard, Jr.	9975

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Foote, K. Randall	1399	Rencher, Don S.	1405
Genteman, Richard A.	1400	Reynoso, Alejandro	1406
Haskell, Gregg Owen	1401	Robbins, Joseph S., III	1407
McClain, Patrick H.	1402	Schumm, Richard Warren	1408
McIntosh, Scott	1403	Smith, Robert William	1409
Orr, Thomas R.	1404	Sonnemann, Thomas Edward	1410

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Knickerbocker suggested an appropriate press release should be made on the hearings held at this meeting. Mr. Drewry advised he would inform Bill King, reporter for the Phoenix Newspapers, Inc., and relay it on to the Tucson area.

Mr. Girand asked if there had been any feedback on the newsletter which was mailed with the renewal notices and several of the members responded there had been comments received, especially if the publication was to be a continuing thing.

Mr. Drewry reported he had attended a meeting of the Papago Chapter and there seemed to be an increasing interest as to what the registration board is doing. He also stated more strength on the item of reviewing of plans in the next publication should be made. It was moved by Mr. Knickerbocker and seconded by Mr. Wallace that an article be written in the next mail out reaffirming the position on this item. Motion carried.

REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #2, as shown on Minute Page 3462, was presented. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden the report be accepted. Motion carried.

READING OF COMMUNICATIONS

Letter from W. D. Hupp, City Engineer of Sierra Vista, was presented, as shown on Minute Page 3463. It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that we have an opinion from the Attorney General on whether City Engineers must be registered. Motion carried.



CASH FLOW REPORT - #2

03462

DATE: November 27, 1974

Balance on Deposit as of July 1, 1974 - \$137,937.26

Balance on Deposit as of Report Date - \$191,878.73

Total Allocated Receipts to Technical Fund as of Report Date - \$53,941.97

Technical

Technical Fund Balance as of Report Date - \$161,525.65

LUMP SUM APPROPRIATED

\$136,900.00

<u>Expenditures</u>	<u>Amount</u>
Personal Services	\$19,291.88
Employee Related Costs	2,055.76
Travel - In State	584.35
Travel - Out-of-State	622.91
Data Processing	139.50
Professional Services	280.35
Maintenance & Repairs	131.82
Office Supplies & Express	2,642.44
Report & Recording	164.50
Postage	1,293.00
Telephone	846.72
Xerox	197.51
Dues & Subscriptions	45.80
Revolving Fund	20.00
Refunds	<u>85.50</u>

Amount Spent To Date

\$ 28,402.04

Balance of Appropriated Monies

\$108,497.96

Andrew B. Kelly  
Richard J. Nelson  
State Board of Registration

CITY OF  
SIERRA VISTA

03463

RECEIVED

NOV 14 1974

STATE BOARD TECHNICAL REGISTRATION

TELEPHONE 458-3315  
AREA CODE 602



400 SHERBUNDY, N.W.  
SIERRA VISTA, ARIZONA  
85635

November 13, 1974

Rod Gomez and Associates  
Consulting Engineers  
ATTENTION: Mr. Arthur H. Martin, P.E.  
Vice President  
877 South Alvernon Way  
Tucson, Arizona 85711

Gentlemen:

Re: "THE MEADOWS" Proposed Subdivision

I have read your letter dated November 12, 1974, with disbelief. Your written tirade concerning alleged "derogatory and adverse insinuations" impressed me with its speciousness.

If you really are concerned with what you have labeled as "derogatory or unsubstantiated adverse opinions toward this firm", feel free to present your case formally to the Arizona State Board of Registration for Professional Engineers.

I am willing to defend any opinion or action which I have taken as a practicing professional engineer.

Very truly yours,

W.D. HUPP  
City Engineer

WDH/ees

- cc - Andrew B. Kelly
  - Richard J. Nelson
  - State Board of Registration ✓
- John Nelson*

READING OF COMMUNICATIONS - Cont'd.

Mr. William Sawyer, Executive Secretary of the Arizona Consulting Engineers Association, forwarded correspondence for the Board's consideration. It was moved by Mr. Dryden and seconded by Mr. Girand that our Attorney General be instructed to initiate the procedures required under the Injunctive Powers granted by the Legislature with regard to the advertisement and letters as shown on Minute Pages 3465, 3466, 3467 and 3468. Motion carried.

UNFINISHED BUSINESS

There was no unfinished business to report.

NEW BUSINESS

Mr. Knickerbocker reported he would be attending a meeting on the following Sunday in South Carolina in the capacity as a member of the Advisory Committee of the National Council of Engineering Examiners and one of the items to be discussed is revising the old constitution and by-laws of the National Council.

Mr. Simmons reported that Dr. McCulloch had approached him on the geology examination contents and Mr. Simmons told Dr. McCulloch he thought the Board was satisfied. Dr. McCulloch requested that the geology examination questions should be reviewed by two or three people. The Board directed that Dr. McCulloch to write the questions for April, 1975. It was moved by Mr. Dryden and seconded by Mr. Girand that Mr. Simmons take care of this with the Geology Department. Motion carried.

The following meeting dates were approved by the Board:

Engineering Evaluation Committee - February 18, 19, 20 and 21, 1975

Architectural & Landscape  
Architectural Committee - February 24, 1975

Regular Board meeting  
Tucson, Arizona - March 7, 1975

ADJOURNMENT

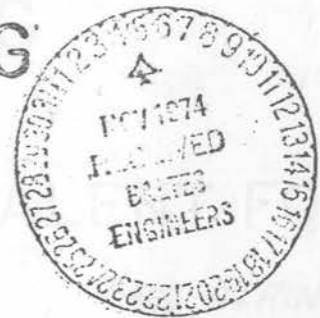
There being no further business the Chairman adjourned the meeting at 12:00 Noon.

  
CHAIRMAN

  
SECRETARY

# PRESSLEY ENGINEERING SERVICES

Call  
Dreway



03465  
P. O. BOX 1809  
GLENDALE, AZ 85311  
602 - 931 - 3221

Dear Bob:

We have the pleasure of serving the needs of Consultant Engineers in this local.

Although we are relatively new in the Phoenix metropolitan area, our engineering and designing experience totals many years in the electrical and mechanical profession.

We are capable of handling any size project from the design phase up-to and including a turn-key operation.

Our personnel have engineered the design and field inspection of electrical and mechanical installations; to mention a few:

- Environmental induction and heating systems.
- Hospitals
- Airports
- Schools
- Banks
- Light and heavy industry installations.

You will find we are experts in the design of electrical power and control panels, spanning from a full manual operation to a complete automated system of operation.

Perhaps your next venture may require our engineering and design knowledge and experience.

We will be calling on you from time to time so we may become better acquainted and our services more familiar.

Very truly yours,  
*Bill Pressley*  
PRESSLEY ENGINEERING SERVICES  
William I. (Bill) Pressley

NOT REGISTERED ENGINEERS - WE ONLY PROVIDE SERVICES FOR THE PROFESSIONAL

## TALENT FOR HIRE

### "NO STRINGS"

Some of the most readily recognized names on the roster of American industry and technology have been beneficiaries of the temporary engineering, designing, drafting and other technical services supplied by PRESSLEY ENGINEERING SERVICES.

The hiring of competent temporary personnel provides numerous advantages to any company - regardless of size.

Our talent-leasing arrangement enables you to have the use of specific types of highly qualified technical personnel at the moment they are needed, for a small job or a turn-key operation, without the expense of increasing your permanent payroll.

When sudden peak loads make it necessary for you to increase the size of your technical staff, you'll find it makes sense to turn the problem over to PRESSLEY ENGINEERING SERVICES.

It makes sense because:

- You pay only for actual hours worked on the job.
- You are spared costly and time-consuming recruiting.
- You don't have to pay family relocation or living expenses.
- You don't have to worry about fringe benefits - such as insurance, sick leaves, paid vacations, or profit sharing and retirement plans.
- You have to choice of our man working at your facility or at ours.
- You are not bound in any way as to length of employment. When the job is done, our man leaves.

That's what we mean when we say: "NO STRINGS".

We'll be happy to tell you more about how we can benefit you. Call or write at your convenience and ask for, Bill Pressley.

03467  
**ENGINEERING TECHNICAL SERVICES**

502 EAST ORION STREET

• TEMPE, ARIZONA 85283

• PHONE: 838-4732

GRADING AND DRAINAGE • CIVIL DESIGN  
LAND PLANNING . . . FEASIBILITY REPORTS

**ENGINEERING TECHNICAL SERVICES**  
502 EAST ORION STREET • TEMPE, ARIZONA

September 20, 1974

**JOHN F. MITCHELL**  
PHONE 838-4732

Attention: Personnel Manager

Dear Sir:

E. T. S. is being formed as an aid to Civil Consultants. Through research I have found the work load of most firms vary to the point that it is difficult to establish a solid personnel base. There are probably times when you feel you need an additional Designer, but circumstances do not justify the placement of another full-time employee on your payroll. I would like to be that other half-man that you sometimes need.

In my home I have the reference material, office equipment and drafting equipment necessary to take a project from the point of concept through design and drafting to the point of final approval. I am experienced in Subdivision, Industrial, Commercial and Condominium design, along with feasibility studies and Grading and Drainage Plans. I will be available to work with your engineers and draftsmen on selected portions of a project or to complete a total project under your supervision.

Under normal conditions, I can supply you with a not to exceed cost for design of most projects. Billing is based on \$10.00 per hour, (this includes all benefits), or the not to exceed cost, whichever is the lesser.

Should you have need of these services now or possibly in the future, I would like to meet with you and explain my qualifications in further detail. Please call or write and we can set up a meeting at any time convenient to you.

Very truly yours,

*John F. Mitchell*

John F. Mitchell

RECEIVED

SEP 23 1974

JFM:mm

TWL \_\_\_\_\_  
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JAV \_\_\_\_\_  
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FILE \_\_\_\_\_  
TION \_\_\_\_\_  
NFO \_\_\_\_\_

CONSTRUCTION  
INSPECTION & SUPERVISION  
SERVICE OF NORTHERN ARIZONA

03468

Phone (602) 354-2232  
Flagstaff, Arizona 86001

Gentlemen,

We are pleased to make this new service available to Northern Arizona specifically for owners, architects, and engineering firms requiring such services.

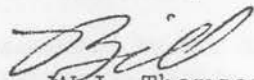
We will inspect, supervise or make such daily, weekly or other certified reports required on each project according to your needs.

An Independents report of work in progress and/or completed which is knowledgeable and unbiased quite often will fit certain projects.

We offer these services backed by twenty-seven years experience in buildings, sub trades, sewers, water treatment plants, utilities, roads and highways as well as all mechanical work.

Should you have need for these services mentioned above please contact us at once and I will be pleased to discuss any or all of your projects with you personally.

Yours Respectfully,

  
W.L. Thomson  
Owner - Manager

CONSTRUCTION  
INSPECTION

PHONE (602) 354-2232  
FLAGSTAFF, AZ. 86001

SERVICE OF NORTHERN ARIZONA

Project Supervision  
or  
Inspection

CERTIFIED REPORTS ON  
BUILDINGS & ALL SUB TRADES  
SEWERS - ROADS - HIGHWAYS

W.L. (BILL) THOMSON

MAILING ADDRESS: P.O. BOX 3, MORMON LAKE, ARIZONA

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

February 7, 1975

A special meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in Room 315, 1645 W. Jefferson, Phoenix, Arizona, Friday, February 7, 1975, at 9:00 A.M.

PRESENT

- M. L. Vanlandingham, Chairman
- Robert G. Wallace, Vice-Chairman
- John Girand, Secretary
- C. W. Dryden
- James L. Knickerbocker
- Woodrow W. Simmons
- Ralph L. Wyatt
- Ralph L. Wyatt

ABSENT

- Low Place

REPORT OF THE ENGINEERING EXAMINATION COMMITTEE

Mr. Knickerbocker presented the Engineering Examination Committee meeting report of February 3, 1975, as shown on Minute Pages 3470 through 3479.

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the above report of the Engineering Examination Committee meeting be accepted and implemented by the Board. Motion carried.

The Executive Director reported that the office had received a complaint regarding C & H Engineering Company and that Mr. Carroll, President of the firm, is registered in Arizona but resides in California and Mr. Hurst is Vice-President of the firm who performs surveying and engineering. At the direction of the Chairman, the office engaged an investigator and from the preliminary report which was given to Mr. Low, Assistant Attorney General, it would be to the Board's advantage to hold Mr. Hurst's registration in abeyance until a final report is made.

It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that Timothy J. Hurst be held in abeyance. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Simmons 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.





NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<b>AERONAUTICAL ENGINEERING</b>						
*74-325	Cottrell, Ronald G.	Ex	Ex	82	80	3,4
<b>CHEMICAL ENGINEERING</b>						
72-215	Ginand, Philip M.	Ex	Ex	F	P	
*73-469	Gutierrez, Gilbert T.	Ex	Ex	70	P	3
73-302	Suydam, Coe D., Jr.	Ex	Ex	F	F	
<b>CIVIL ENGINEERING</b>						
74-51	Allen, William R.	Ex	Ex	F	F	
*74-34	Almaraz, Andrew O.	Ex	Ex	90	94	3,4
74-422	Appleget, Jerrol W.	P	P	F	100	4
74-402	Arollo, Abram H.	Ex	Ex	74	F	3
*74-86	Bernal, John M.	P	P	92	96	3,4
70-58	Bertella, Guido J.	F	F	74	P	3
74-393	Brooks, Philip B.	Ex	Ex	F	F	
*74-55	Byrnes, William J.	Ex	Ex	94	96	3,4
*73-448	Cary, Thomas I.	P	P	P	96	4
*74-251	Chin, George K.	Ex	Ex	82	98	3,4
74-163	Copeland, Jerry Dan	F	F	F	86	4
69-368	Covington, Edward B.	F	F	F	P	
*74-303	DaDeppo, Donald A.	Ex	Ex	92	98	3,4
72-95	Dadisman, Lawrence D.	Ex	Ex	P	F	
70-311	Dalrymple, Guerry M.	F	F	F	P	
*74-363	Davis, Douglas Lee	P	P	84	80	3,4
*74-417	Davis, Stephen E.	Ex	Ex	88	96	3,4
*74-14	Delp, Roger Allen	Ex	Ex	90	70	3,4
*74-248	Donovan, Dennis L.	Ex	Ex	96	88	3,4
*72-357	Dossey, Ray	70	P	90	P	1,3
*74-399	Evans, George L., Jr.	P	P	88	92	3,4
70-406	Eychner, Richard M.	P	F	P	P	
*73-558	Figuroa-Iturralde, A.	Ex	Ex	78	P	3
*73-473	Fimbres, Frank, Jr.	P	P	90	P	3
*73-708	Fisher, Ronald C.	Ex	Ex	88	P	3
72-436	Fletcher, Edward C.	Ex	Ex	P	F	
*72-411	Fox, Delmar E.	P	P	P	98	4
*71-365	Francom, Paul Glen	P	P	P	74	4

NO.	NAME	CIVIL ENGINEERING - Cont'd.				Passed
		Part I	Part II	Part III	Part IV	
73-72	Free, Roger Allen	P	70	F	P	2
*73-392	Green, Donald E.	P	P	P	92	4
*72-309	Guild, Kirke L.	P	P	94	P	3
74-398	Hall, Robert S.	Ex	Ex	84	F	3
*74-177	Hjalmarson, Hjalmar W.	Ex	Ex	70	98	3,4
74-373	Hood, Douglas Eugene	70	70	82	F	1,2,3
73-34	Hudson, John Thomas	F	P	F	F	
74-332	Jagannath, Kudavalli	Ex	Ex	90	F	3
*73-241	Jeang, Hann Shang	Ex	Ex	P	92	4
69-270	Kirdar, Edib	Ex	Ex	F	P	
*74-299	Kuhn, John D., Jr.	P	P	94	88	3,4
72-219	Louviere, Edward	F	F	P	80	4
*73-261	Lynck, James I.	P	P	92	P	3
*72-216	McFadden, Gene R.	Ex	Ex	Ex	92	4
*74-365	McGill, Joseph C.	P	P	90	84	3,4
69-410	Mathein, Fredrick J.	F	F	P	P	
71-472	Matthews, Lawrence E., Jr.	P	P	P	F	
*74-348	May, Frederick J.	Ex	Ex	92	70	3,4
*74-416	Merrill, Groce M.	Ex	Ex	92	80	3,4
74-16	Moyer, James Hardy	Ex	Ex	74	F	3
*73-732	Oeltman, John D.	P	P	98	98	3,4
*73-712	O'Neill, Timothy M.	Ex	Ex	92	84	3,4
74-388	Siders, Paul E.	P	P	F	88	4
74-107	Stevens, Alexander M.	Ex	Ex	F	F	
72-461	Stramandinoli, Francis E.	Ex	Ex	F	F	
*74-91	Taylor, Lynn Wayne	Ex	Ex	92	100	3,4
73-389	Toscano, Gerald James	Ex	Ex	82	F	3
74-425	Trevino, Nemesio A.	Ex	Ex	78	F	3
74-79	Vodonick, Emil J.	Ex	Ex	F	70	4
*74-420	Wainwright, Charles G.	Ex	Ex	90	92	3,4
*73-764	Way, George Bert	P	P	P	84	4
*72-373	Wier, Michael P.	70	P	P	P	1
*74-110	Wilson, Edwin Bruce	Ex	Ex	82	80	3,4
*74-275	Wrigley, William W.	P	P	96	92	3,4
*74-413	Wu, Samuel K.	Ex	Ex	78	88	3,4
71-513	Yoder, Dan Samuel	Ex	Ex	P	F	
*69-166	Ziegler, Lawrence Lee	P	P	84	P	3

NO.	NAME	Part				Passed
		I	II	III	IV	
<u>ELECTRICAL ENGINEERING</u>						
73-726	Aadland, Donald I.	P	P	P	F	
74-246	Bayles, George T.	Ex	Ex	F	F	
*74-317	Blake, David James	P	P	96	92	3,4
*74-50	Cale, Charles E.	P	P	96	96	3,4
*74-165	Carli, Raymond J.	Ex	Ex	92	86	3,4
74-279	Cernansky, Haroldene S. H.	Ex	Ex	F	74	4
73-510	Culver, Larry Eugene	72	F	P	P	1
*74-218	Dana, James S.	Ex	Ex	84	70	3,4
74-372	Davis, Robert Alvin	F	F	F	F	
*74-230	Deise, Cary Bruce	Ex	Ex	96	100	3,4
73-320	DeLuca, Rocco G.	F	F	F	F	
73-430	Fortney, Durward F.	P	F	F	P	
74-379	Kerschen, Arthur H., Jr.	Ex	Ex	70	F	3
72-487	Loar, James A.	76	F	P	F	1
73-704	Lundmark, George E.	Ex	Ex	F	F	
74-131	McGetrick, Jerome E.	F	F	F	F	
*74-49	Merchant, John D., III	Ex	Ex	92	86	3,4
73-326	Nordholm, Lloyd Paul	P	F	P	P	
*74-394	Nutaro, Joseph J.	Ex	Ex	96	86	3,4
73-685	Perdomo, Mauricio	F	F	P	P	
*74-312	Petersen, Lou Moyle	Ex	Ex	100	94	3,4
72-488	Schreiber, Martin B., Jr.	Ex	Ex	F	F	
*74-358	Shelly, Gerald	Ex	Ex	88	86	3,4

GEOLOGICAL ENGINEERING

*74-295	Brady, Michael Jay	Ex	Ex	98	100	3,4
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HIGHWAY ENGINEERING

*72-151	Beckham, Oscar M.	70	P	P	P	1
74-166	Blizzard, Max S.	F	F	F	F	
74-271	Bloom, Norman K.	F	F	F	F	
68-21	Cantrell, Harvey G.	F	P	F	P	
73-44	Key, Orin William	F	F	P	70	4
74-173	Lay, George John	F	F	F	72	4
66-144	Minter, Charles B.	Ex	Ex	F	P	

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>HIGHWAY ENGINEERING - Cont'd.</u>						
73-739	Nizlek, Martin C.	Ex	Ex	P	F	
70-413	Patty, John Harlan	F	F	F	P	
71-285	Saban, Johnny	F	F	F	F	
73-290	Snyder, Jack D., Sr.	F	F	P	F	
72-542	Strouse, David F.	F	F	74	P	3
70-219	Wingfield, Richard D.	F	F	82	P	3

INDUSTRIAL ENGINEERING

*74-408	Foster, Jerry A.	Ex	Ex	84	96	3,4
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MECHANICAL ENGINEERING

73-727	Aadland, Donald I.	P	P	74	DNA	3
72-536	Baltes, Robert T.	Ex	Ex	F	F	
*74-352	Beck, Dale Le Roy	Ex	Ex	88	90	3,4
73-648	Connor, Floyd T.	82	92	F	F	1,2
73-749	Currie, Jack B.	Ex	Ex	F	F	
71-438	Dennis, Richard H.	P	P	F	F	
74-351	Ellis, William F.	Ex	Ex	F	F	
*73-142	Gomez, Paul Ruiz	P	P	P	96	4
71-279	Haak, Charles E.	F	P	F	P	
*73-619	Haddock, Robert W., Sr.	Ex	Ex	90	88	3,4
*74-212	Hengen, Philip J.	Ex	Ex	70	92	3,4
72-599	Hoffarth, Richard C.	P	P	F	F	
*72-354	John, James C.	70	70	P	P	1,2
73-258	Karroum, Joseph G.	Ex	Ex	F	F	
74-109	McCulloch, Gordon J.	Ex	Ex	F	70	4
70-432	Miller, Marion E.	F	F	74	P	3
74-146	Miller, Richard F.	F	F	F	92	4
72-614	Schmitz, Frederick J.	Ex	Ex	F	P	
74-305	Schoenig, Joseph L.	Ex	Ex	F	F	
*73-356	Watson, William Earl	Ex	Ex	84	P	3
*74-253	Zumbrunnen, Glenn F.	Ex	Ex	70	84	3,4

METALLURGICAL ENGINEERING

74-259	Cashman, Gerald Thomas	P	P	F	88	4
*74-171	Connole, Kent Brian	Ex	Ex	73	83	3,4
*73-551	Krist, Ervin E.	Ex	Ex	P	75	4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<b>MINING ENGINEERING</b>						
74-54	Boggero, Antonio	Ex	Ex	F	75	4
72-611	Dugan, Doyle J.	F	F	75	P	3
73-394	Hartley, Thames E.	F	F	F	P	
*74-349	Hoskins, William N.	Ex	Ex	83	95	3,4

<b>SANITARY ENGINEERING</b>						
*74-321	Walters, James Alan	Ex	Ex	96	96	3,4

<b>STRUCTURAL ENGINEERING</b>								
		Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
*74-32	Amin, Kamal	Ex	Ex	P	P	72	P	5
74-21	Cornforth, Robert C.	Ex	Ex	80	84	81	F	3,4,5
*74-87	Cotton, Dudley P., Jr.	Ex	Ex	96	92	93	81	3,4,5,6
*74-122	Drottar, Stephen F.	Ex	Ex	Ex	Ex	82	78	5,6
73-474	Fimbres, Frank, Jr.	P	P	DNA	96	86	F	4,5
*73-447	Glenn, Edward S.	Ex	Ex	Ex	Ex	74	77	5,6
74-283	Gutt, Tadius J.	Ex	Ex	F	F	F	F	
74-357	Lively, Norman Robert	Ex	Ex	F	F	70	F	5
73-352	Locke, James Donald	Ex	Ex	P	F	P	F	
74-207	Matthews, Gary D.	P	P	70	70	86	F	3,4,5
74-361	Modi, Mohit Kumar	Ex	Ex	Ex	Ex	75.5	F	5
73-40	Ochoa-Romero, Ramon B.	Ex	Ex	P	P	P	F	
*73-731	Oeltman, John D.	P	P	P	P	76	P	5
74-339	Sacra, Thomas A., III	Ex	Ex	Ex	Ex	74	F	5
*73-622	Trepanier, Charles L.	Ex	Ex	Ex	Ex	P	72	6

<b>GEOLOGY</b>						
		Part I	Part II	Part III	Part IV	Passed
73-703	Euge, Kenneth M.	F	79	F	F	2
69-168	Freeman, Gilbert N.	Ex	Ex	F	P	
74-273	Furlow, James W.	Ex	Ex	82	F	3
74-189	Josey, William Lee	Ex	Ex	F	98	4
73-760	Landry, John Joseph	Ex	Ex	F	70	4
72-511	Shearer, Joseph Earl	Ex	Ex	F	P	

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
* 72-419	Bedford, Dennis Wayne	P	80	P	P	2
74-114	Begay, Richard K., Sr.	F	F	F	F	
74-30	Behnke, Ronald E.	70	P	F	F	1
* 73-107	Brown, James Arthur	P	P	P	83.2	4
74-396	Burns, Robert Dwight	F	96	F	F	2
* 73-71	Carlson, Lonny B.	P	P	70	70	3,4
72-250	Cocio, Eddie Y.	F	P	P	F	
74-380	Crawford, Jack Edwin	F	F	F	F	
72-653	Engle, Thomas Edwin	F	P	F	F	
71-148	Garcia, Ernest G.	F	P	F	P	
74-181	Gardiner, Theodore E., Sr.	F	F	F	F	
74-261	Garrison, Grove M.	Ex	Ex	F	F	
73-734	Gill, Vern Edward	F	P	F	F	
70-289	Hendrix, Robert	F	P	P	P	
* 73-366	Hurst, Timothy J.	P	P	70	P	3
73-694	Landon, Robert Paul	P	P	F	P	
74-274	Lane, Stuart Rodney	73	74	F	70	1,2,4
74-47	Leonard, John Frederick	P	P	F	F	
74-297	Payton, Donald Wayne	F	F	F	F	
72-128	Pellow, Stanley C., Jr.	P	P	F	P	
71-281	Pidskalny, Robert A.	F	F	F	F	
74-37	Potts, Robert Clifford	Ex	Ex	F	F	
74-139	Prescott, Adrian Reed	F	F	F	F	
74-397	Redmon, Stuart Thomas	F	78	F	F	2
73-91	Remington, James Edwin	P	P	F	F	
74-147	Robinson, William Dean	78	80	F	F	1,2
* 74-355	Robison, James Robert	Ex	Ex	81.5	81.8	3,4
74-330	Slyder, Stephen V.	70	72	F	F	1,2
72-628	Smith, Romain Harold	F	F	F	F	
* 70-238	Stinard, Donald I.	P	70	P	P	2
69-77	Torres, Alfonso	P	F	P	F	
73-343	York, Edward M.	P	P	F	F	

NO.	NAME	Grade
ENGINEER-IN-TRAINING		
74-161	Allred, Jimmie B., III	97
74-166	Alvarez, Dennis B.	F
74-162	Anderson, Jerold Louis	94
74-140	Anderson, Ted W.	98
74-122	Arambel, Jean Marty	71
74-121	Bagby, Barney P.	F
73-13	Bagby, Philip S.	F
74-168	Barr, Kenneth George	93
74-182	Bocchetto, Philip	95
74-134	Buchanan, Jack A.	F
74-185	Burm, Charles Barrett	99
74-171	Carrell, Michael Arnold	89
74-131	Cassarino, John William	91
74-183	Chaparro, William	F
74-158	Cook, Donald Marvin	95
74-127	Cooper, Marvin Glynn	F
74-26	Curtis, DeWayne Dean	82
74-156	Dixon, Chris William	94
72-8	Donaldson, George	F
74-70	Gaffin, Robert Clayton	82
74-147	Gooch, Robert S.	96
74-9	Gould, James E.	73
74-148	Gouvier, Edward J., Jr.	79
74-175	Hanshaw, Mark A.	88
74-141	Hartman, Ronald Dean	99
74-181	Haws, Wallace Ray	F
74-179	Henningsen, Michael Mann	82
74-106	Hess, John Dwight	87
74-151	Higdon, John Stephen	92
74-186	Holm, Lawrence Arthur	95
74-176	Holmes, John Jay	96
74-155	Horley, Earl Christopher	94
74-145	Howe, Christopher	89
74-138	Huckelberry, Charles Howard	96
74-142	Hunten, Keith Atherton	77
74-118	Hurtado, Jose Luis	77



NO.	NAME	Grade
<u>ENGINEER-IN-TRAINING</u>		
74-184	Hutchison, Donald Owen	96
72-86	Hutson, Ronald C.	F
74-178	Jauregui, Gildardo Y.	75
74-144	Jawors, Michael Edward	F
74-124	Jeang, Kuan-Chen	98
74-150	Johnson, Bertram Gregory	89
74-180	King, Gary Lee	81
74-163	Koch, Thomas Lee	80
74-37	Koehler, Donald R.	92
74-133	Kuhn, Gary Richard	98
74-187	Kwasnica, Zygmunt M.	86
74-146	LeClair, Steven R.	90
74-159	Leonard, Arthur Raymond	87
74-139	McCarty, Mark P.	89
66-44	McCassalin, Wade L.	F
74-130	McKernan, Bernard Eugene	88
73-87	McNulty, Raymond J.	F
73-29	Malouf, Ibrahim A.	
73-139	Masowdi, Amir M.	F
74-129	Mitchell, Mike K.	99
73-90	Moya, Moses David, Jr.	71
74-157	Naccarati, David G.	71
74-164	Naranjo, Carles Robert	71
74-136	Petrillo, Robert Dennis	89
74-135	Pitlor, Steven Lane	83
74-117	Powell, Brent Dirk	90
74-137	Quinn, Diane O.	82
74-22	Rausch, Robert Ralph	F
74-154	Rednor, Laurance James	92
71-28	Roberts, S. Von	F
74-167	Robinson, Scott G.	81
74-174	Roehler, Robert K., Jr.	70
74-173	Roman, Joseph Frank	94
72-78	Rosenstock, Hubert	F
74-172	Sexton, Duane Nerge	F

NO.

NAME

ENGINEER-IN-TRAINING

Grade

73-39	Spengler, Robert J.	F
74-160	Straus, William M.	97
74-153	Stuart, Joe Barnard	75
74-132	Suarez, Robert Manuel	94
74-59	Taylor, Ronald Lloyd	77
74-128	Toy, Douglas Kwan	83
74-165	Tsang, Antony C.	96
74-125	Varga, John C.	96
74-120	Vigil, Joseph Orlando	83
74-123	Visca, Paul Joseph	91
74-126	Wallace, Brian Edward	80
74-149	Walter, Robert Wayne	91
74-25	Webster, James Thomas	F
74-143	Weston, Howard Keith	91
74-107	Wurz, Richard H.	97

GEOLOGIST-IN-TRAINING

Grade

74-5	Baumann, Michael Charles	F
74-4	Glos, George H., III	F
74-3	Roesler, Alan L.	70
74-6	Waldrip, Thomas Eugene, Jr.	F

Taylor, John  
 Williams, Charles  
 King, George  
 Clark, William  
 Wilson, Edwin  
 Higgins, William  
 King, Samuel  
 Engler, Lawrence

MECHANICAL ENGINEERING

Smith, David  
 King, Charles  
 Clark, Raymond

Taylor, John  
 Williams, Charles  
 King, George  
 Clark, William  
 Wilson, Edwin  
 Higgins, William  
 King, Samuel  
 Engler, Lawrence  
 Taylor, John  
 Williams, Charles  
 King, George  
 Clark, William  
 Wilson, Edwin  
 Higgins, William  
 King, Samuel  
 Engler, Lawrence

AERONAUTICAL ENGINEERING

Cottrell, Ronald Glenn 9899

CHEMICAL ENGINEERING

Gutierrez, Gilbert Thomas 9977

CIVIL ENGINEERING

Almaraz, Andrew Ortiz 9978

Bernal, John M. 9979

Byrnes, William J. 9980

Cary, Thomas I. 9981

Chin, George K. 9982

DaDeppo, Donald A. 9983

Davis, Douglas Lee 9984

Davis, Stephen Edward 9985

Delp, Roger Allen 9986

Donovan, Dennis Lynn 9987

Dossey, Ray 9988

Evans, George Leonard, Jr. 9989

Figueroa-Iturralde, Antonio 9990

Fimbres, Frank, Jr. 9991

Fisher, Ronald Chester 9992

Fox, Delmar Eugene 9993

Francom, Paul Glen 9994

Green, Donald Eugene 9995

Guild, Kirke Leroy 9996

Hjalmarson, Hjalmar Winfield 9997

Jeang, Hann Shang 9998

Kuhn, John Donald, Jr. 9999

Lynck, James L. 10000

McFadden, Gene Raymond 10001

McGill, Joseph Conrad 10002

May, Frederick Joseph 10003

Merrill, Groce McCleve 10004

Oeltman, John Domenic 10005

O'Neill, Timothy Michael 10006

Taylor, Lynn Wayne 10007

Wainwright, Charles Gordon 10008

Way, George Bert 10009

Wier, Michael Paige 10010

Wilson, Edwin Bruce 10011

Wrigley, William Walter 10012

Wu, Samuel K. 10013

Ziegler, Lawrence Lee 10014

ELECTRICAL ENGINEERING

Blake, David James 10015

Cale, Charles Ellison 10016

Carli, Raymond Joseph 10017

ELECTRICAL ENGINEERING - Cont'd.

Dana, James Steven 10018

Deise, Cary Bruce 10019

Merchant, John Douthit, III 10020

Nutaro, Joseph James 10021

Petersen, Lou Moyle 10022

Shelly, Gerald 10023

GEOLOGICAL ENGINEERING

Brady, Michael Jay 10024

HIGHWAY ENGINEERING

Beckham, Oscar Morris 10025

INDUSTRIAL ENGINEERING

Foster, Jerry Allen 10026

MECHANICAL ENGINEERING

Beck, Dale Le Roy 10027

Gomez, Paul Ruiz 10028

Haddock, Robert Wayne, Sr. 10029

Hengen, Philip Joullian 10030

John, James C. 10031

Watson, William Earl 10032

Zumbrunnen, Glenn Frederick 10033

METALLURGICAL ENGINEERING

Connole, Kent Brian 10034

Krist, Ervin E. 10035

MINING ENGINEERING

Hoskins, William Norman 10036

SANITARY ENGINEERING

Walters, James Alan 10037

STRUCTURAL ENGINEERING

Amin, Kamal 10038

Cotton, Dudley Page, Jr. 10039

Drottter, Stephen Frederick 10040

Glenn, Edward Stanley 10041

Oeltman, John Domenic 10042

Trepanier, Charles Lionel 10043

LAND SURVEYING

Bedford, Dennis Wayne 10044

Brown, James Arthur 10045

Carlson, Lonny B. 10046

Robison, James Robert 10048

Stinard, Donald Irving 10049

It was moved by Mr. Girand and seconded by Mr. Simmons that the following applicants for in-training registration having satisfactorily completed the written examination be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Aden, Timothy Lee	1411	Johnson, Bertram Gregory	1426
Anderson, Jerold Louis	1412	Kwasnica, Zygmunt M.	1427
Arambel, Jean Marty	1413	Mihalek, Jay	1428
Collins, Charles A., Jr.	1414	Moya, Moses David, Jr.	1429
Curtis, DeWayne Dean	1415	Petrillo, Robert Dennis	1430
Gaffin, Robert Clayton	1416	Powell, Brent Dirk	1431
Gould, James E.	1417	Prust, Randall S.	1432
Grundstedt, Steven H.	1418	Roehler, Robert K., Jr.	1433
Guest, Ronald E.	1419	Tanner, Delbert Hodges	1434
Haldane, Leslie Philip	1420	Taylor, Ronald Lloyd	1435
Henningsen, Michael Mann	1421	Varga, John C.	1436
Hess, John Dwight	1422	Vigil, Joseph Orlando	1437
Hom, Moon Jung, Jr.	1423	Wallace, Brian Edward	1438
Horley, Earl Christopher	1424	Wilson, Peter	1439
Huckelberry, Charles Howard	1425	Wurz, Richard H.	1440

GEOLOGIST-IN-TRAINING

Roesler, Alan L. 17

READING OF COMMUNICATIONS

The Chairman read a letter from Col. N. C. Angel, registered Electrical Engineer, No. 6322, who requested that the penalty fee be waived as he did not receive the first renewal notice.

It was moved by Mr. Girand and seconded by Mr. Knickerbocker that Mr. Angel be granted renewal of registration without payment of the penalty on the grounds that the postal service has deteriorated. Motion carried with 4 ayes and 3 nays.

NEW BUSINESS

House Bill 2167, introduced by Committee on Appropriations, relating to Public Finance; Requiring Certain Budget Units to be Annually Appropriated for by Legislature, amending 32-2103, title 35, Chapter 1, Article 3 of A.R.S., by adding section 35-143.01, was discussed.

Mr. Girand suggested that the Chairman direct the Executive Director to contact 3 or 4 other applicable Boards and find out what their attitude is to this bill and telephone the Board members with the results. Chairman Vanlandingham so ordered.

It was moved by Mr. Dryden and seconded by Mr. Girand that as individuals, the Board members contact their professional societies and the Chairman direct the Executive Director to notify the professional societies that this legislation has been introduced. Motion carried.

Chairman Vanlandingham stated that the next regular meeting has officially been changed to March 10 at a place to be made by Mr. Knickerbocker in Tucson.

It was moved by Mr. Dryden and seconded by Mr. Girand that the photograph taken at this meeting for the Annual Report be the last one. Motion carried.

ADJOURNMENT

The Chairman adjourned the meeting at 10:10 A.M.

  
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CHAIRMAN

  
\_\_\_\_\_  
SECRETARY