

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

February 18-19, 1971

The special meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in the Auditorium, Room 315, United Bank Building, 3500 North Central Avenue; Phoenix, Arizona, at 9:20 A.M., February 18, 1971.

PRESENT

M. L. Vanlandingham, Chairman
Earle M. Cassidy, Vice-Chairman
Charles W. Newlin, Secretary
C. W. Dryden
John Girand
James L. Knickerbocker
Ralph L. Wyatt
Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

Lew Place

It was moved by Dr. Newlin and seconded by Mr. Wyatt that minutes of the meetings of the Board on December 11, 1970, and January 7, 1971, be approved as presented. Motion carried.

FORMAL HEARINGS

Chairman Vanlandingham announced that it was the time and place for the formal hearing in the matter of Complaint No. 71001, Gordon Finley Powers, a registered Architect, No. 4038.

Respondent Gordon Finley Powers indicated he was present, representing himself and was ready to proceed.

The Board was represented by Stirley N. Cantor, Assistant Attorney General. The hearing was held and at the conclusion the Board found the following:

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that in regard to Complaint No. 71001 in the matter of Gordon Finley Powers this Board finds him guilty of the charges contained therein. Motion carried with seven ayes.

It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the certificate of registration of Gordon Finley Powers be suspended for a period of six months. Motion carried with seven ayes.

The Board's Finding of Facts, Conclusions of Law and Order of Suspension, signed by the Secretary of the Board, Charles W. Newlin, are a part of Gordon Finley Powers' registration file No. 4038.

At 1:00 P.M., February 18, 1971, the Chairman announced that it was the time and place for the formal hearing, the matter of Complaint No. 71002, John K. Parsons, a registered Civil Engineer, No. 4426, and Structural Engineer, No. 4427.

Respondent John K. Parsons indicated he was present, represented by counsel Peter T. D'Angelo, and was ready to proceed.

The Board was represented by Stirley N. Cantor, Assistant Attorney General. The hearing was held and at the conclusion the Board found the following:

It was moved by Dr. Newlin and seconded by Mr. Girand that he be found not guilty of the charges in Complaint No. 71002. Motion carried with seven ayes.

The Board's Finding of Facts, Conclusions of Law and Order, signed by the Secretary of the Board, Charles W. Newlin, are a part of John K. Parsons' registration file No. 4426 and No. 4427.

At 3:30 P.M., February 18, 1971, the Chairman announced that it was the time and place for the formal hearing in the matter of Complaint No. 71003, Robert Roland Johnson, a registered Civil Engineer, No. 6391.

Respondent Robert Roland Johnson indicated he was present, represented by counsel Phillip Weeks, and was ready to proceed.

The Board was represented by Stirley N. Cantor, Assistant Attorney General. The hearing was held and at the conclusion the Board found the following:

It was moved by Dr. Newlin and seconded by Mr. Wyatt that Mr. Johnson be found guilty of the charges contained in the Complaint No. 71003 and that Mr. Johnson's certificate of registration to practice as a Civil Engineer be suspended for the a period of three months. Motion carried with seven ayes.

It was moved by Mr. Cassidy and seconded by Mr. Girand that because of the mitigating circumstances in this case, the registrant's certificate of registration be reinstated. Motion carried with six ayes and one abstention.

The Board's Finding of Facts, Conclusions of Law and Order, signed by the Secretary of the Board, Charles W. Newlin, are a part of Robert Roland Johnson's registration file No. 6391.

At 10:00 A.M., February 19, 1971, the Chairman announced that it was the time and place for the formal hearing in the matter of Complaint No. 71004, Joseph Samuel Folkner, a registered Landscape Architect, No. 7015.

Respondent Joseph Samuel Folkner indicated he was present, representing himself, and was ready to proceed.

The Board was represented by Stirley N. Cantor, Assistant Attorney General. The hearing was held and at the conclusion the Board found the following:

It was moved by Mr. Cassidy and seconded by Mr. Knickerbocker that in the case of Mr. Joseph Samuel Folkner he be found guilty of the charges in Complaint No. 71004. Motion carried with seven ayes.

It was moved by Mr. Girand and seconded by Mr. Cassidy that the certificate of registration of Mr. Folkner be suspended for a period of ninety days after date of notification. Motion carried with seven ayes.

The Board's Finding of Facts, Conclusions of Law and Order of Suspension, signed by the Secretary of the Board, Charles W. Newlin, are a part of Joseph Samuel Folkner's registration file No. 7015.

The foregoing formal hearings, in each instance, were transcribed by John A. Brabec, Court Reporter.

REPORT OF THE RULES & BY-LAWS COMMITTEE

A letter from Max Wold, regarding renewal fees, Minute Page 2836, was presented for the Board's consideration. It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that we advise Mr. Wold by referring to the established fees which were set at the last September meeting. Motion carried.

A letter from Thane H. Baldwin, Jr., regarding the rules as it pertains to land surveyors, Minute Pages 2837 and 2838, was presented for the Board's consideration. It was suggested by Mr. Girand that it be referred to the Rules and By-Laws Committee for their report at the next meeting of the Board.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

The Architectural Examination Committee presented the results of the architectural examinations given in December, 1970, as shown on Minute Pages 2839 and 2840.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the architectural grades as presented be so certified. Motion carried.

The Landscape Architectural Committee presented the results of the landscape architectural examinations given in December, 1970, as shown on Minute Page 2841.

It was moved by Mr. Wyatt and seconded by Mr. Dryden that the landscape architectural grades as presented be so certified. Motion carried.

The Engineering Evaluation Committee presented the results of the engineering and other examinations given in December, 1970, as shown on Minute Pages 2842 through 2849.

It was moved by Mr. Knickerbocker and seconded by Mr. Cassidy that the engineering and other examinations' grades as presented be so certified. Motion carried.

The Executive Director presented the application of Dean Walter J. Fahey for the Board's consideration. It was moved by Mr. Dryden and seconded by Mr. Cassidy that this application be referred to the evaluation committee for study and recommendation to the Board. Motion carried.

02836

December 15, 1970
4029 East Catalina
Phoenix, Arizona 85018

Mr. John Girand
Johannessen and Girand Consulting Engineers
6601 North Black Canyon Hiway
Phoenix, Arizona 85015

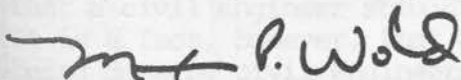
Dear Mr. Girand:

I would like to bring to your attention an injustice relative to the renewal of Certificates of Registration. For several years I have been registered in two branches of engineering and each year I have paid the \$10 fee for each category even though it seemed to be an injustice to pay the double fee. As you know, my being registered in two categories does not cost the Technical Registration Board one cent more than if I were registered in only one category. By the same token, if I drop one category to save myself \$20, it wouldn't save the Board one cent.

A.R.S. 32-127 C gives the Board the responsibility to establish renewal fees. All costs are going up and a fee increase to \$20 is certainly justified. I only feel that a more conscientious interpretation could be made where a person is registered in more than one branch. May I suggest that the statutes be interpreted to allow "A registrant holding a Certificate of Registration in more than one class shall not be required to pay an annual renewal fee greater than for one Certificate."

Please let me know how your committee and the Board feels about this suggestion. If possible, I would like to know prior to December 31.

Respectfully submitted,



Max Wold

THANE H. BALDWIN, JR.
CIVIL ENGINEER
ROUTE 1, BOX 5
WELLTON, ARIZONA 85356

02837

4 February 1971.

RECEIVED
FEB 5 - 1971
STATE BOARD TECHNICAL REGISTRATION

Arizona State Board of
Technical Registration,
3550 North Central, Suite 923,
Phoenix, Arizona 85012.

Gentlemen:

This will acknowledge receipt of your letter of November 27, 1970, relative to licensing and the practice of land surveying in Arizona.

The writer has made a careful study of the Code and the Rules and By-Laws of the State Board of Technical Registration. It is believed that there is a serious conflict between requirements of the Code and the permissive policy stated by your letter and of Rule IV (A), Rules and By-Laws.

A.R.S. 32-121 states plainly and clearly that any person desiring to practice land surveying shall first secure a certificate of registration. A.R.S. 32-143 states ".....Registrants under this chapter may engage in practice in another category regulated pursuant to this chapter only to the extent that such person is qualified and as such work may be necessary and incidental to the work of his profession on a specific project. ...". It is clearly the intent of this provision of the Code to limit the practice of a registrant in another regulated category. It is easily seen that Rule IV (A), Rules and By-Laws is in direct conflict with the Code when it states ".....shall be in accordance with the custom and tradition of the registrant's certificate of registration.....". Thus, the Board has opened the door for the civil engineer to engage in the practice of land surveying with the registrant being the sole judge as to his own competence in the field and to the relationship of such work to the work of his profession. There can be aberrant improbity involved. Actually, there is very little land survey work required of a civil engineer that is necessary and incidental to the work of his profession. It follows that a civil engineer should be doing very little classical land surveying. It is a fact, however, that a very considerable amount of such work is being done by civil engineers.

There can be no question that many of these civil engineers are eminently well qualified to do land survey work and should have a certificate of registration for this practice. Many others are unqualified to do classical land surveying simply because they have taken neither the time nor made the opportunity to exhaustively study the principles involved. There is a very vast difference between measuring distances and turning angles, as usually done by civil engineers, and the art of re-establishing boundaries of properties, which is the classical form of the practice of land surveying.

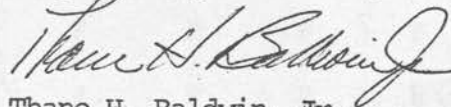
4 February 1971
Arizona State Board of Technical Registration.

During the past five years, the undersigned has become professionally acquainted with the work of several civil engineers who were doing classical land surveying. This work involved either straight retracement surveys of previously subdivided land, or retracement surveys of established boundaries for the subdivision of adjacent unsubdivided property. In each case, the civil engineer did a mathematically precise subdivision of the subject section, or part thereof, while totally ignoring as immaterial the evidence of previous surveys and the position of monuments so located. The conclusion can thus be drawn, that while the work of the civil engineer is mathematically correct, the resulting product is totally unacceptable.

There can be no doubt that many civil engineers are well qualified by education, training and experience to be eligible for a land surveyors license. This qualification must be determined by procedures other than "custom and tradition". It must be done by a demonstration of competency. It is neither right nor proper, nor in the best interest of either of the professions nor of the Public, to rely on "custom and tradition" as the determination of competency of the civil engineer to perform classical land surveys. No civil engineer who is properly qualified as a land surveyor should have the slightest objection to this procedure as it not only affords the Public with the protection the law intended to give it, it also protects the professional by his knowing that land surveying is being performed only by those who have demonstrated proper competency.

The undersigned formally requests that your Honorable Board commence immediately to enforce the provisions of Statute Law and your Code, and to amend your By-Laws so that the practice of land surveying, as defined, be performed only by registered land surveyors.

Respectfully submitted,



Thane H. Baldwin, Jr.

THB/st

ARCHITECTS

No.	Name	History & Theory C	Site Planning D	Arch. Design E	Bldg. Construction F	Structural Design G	Prof. Administration H	Bldg. Equipment I	Passed
*70-357	Alexander, Theodore G.	82	82	89	86	85	89	79	CDEFGHI
67-85	Aros, Bernard Anthony	75	F	F	P	P	P	P	C
67-62	Aye, Maung Khin	F	P	P	P	F	P	F	
70-261	Brizee, Dennis	F	75	76	83	F	88	77	DEFHI
70-367	Bruder, Philip Rand	82	F	75	83	89	87	88	CEFGHI
70-398	Calhoun, Robert Errol	85	90	89	F	F	77	78	CDEHI
*68-318	Campisano, John Francis	P	P	P	P	P	P	76	I
*69-313	Christensen, Lee Norse	P	P	75	P	P	P	P	E
*70-24	Diemer, J. Joseph	83	75	78	92	86	94	86	CDEFGHI
70-410	Drees, Robert Donald	F	F	F	84	F	81	83	FHI
*70-385	Ellermann, Larry Dale	P	75	75	80	P	92	P	DEFH
70-368	Elmore, Giles Michael	75	86	75	F	81	76	F	CDEGH
*70-375	Freeman, Steven Willard	84	84	90	79	77	76	77	CDEFGHI
70-89	Griffin, William F.	P	F	F	P	F	81	P	H
70-351	Ives, Dexter A.	P	F	F	83	P	89	P	FH
69-150	Jaggers, Philip Fremont	P	82	F	P	F	F	P	D
70-147	Kelly, James Michael	P	P	F	P	P	P	P	
69-13	Lembke, Alfred O.	P	75	F	P	P	P	P	D
*69-282	Love, Elbert Howard	P	P	77	P	P	P	P	E
*69-382	Mason, Charles Lloyd	79	P	P	P	P	P	P	C
*70-358	Moreno, Manuel M., Jr.	P	75	75	81	P	80	P	DEFH
*70-271	Murphy, Paul Michael	89	75	80	87	84	89	87	CDEFGHI
70-6	Myers, Robert W.	F	F	F	P	F	P	P	
70-312	Nordby, Stanley E.	81	F	F	78	75	87	76	CFGHI

ARCHITECTS

No.	Name	History & Theory C	Site Planning D	Arch. Design E	Bldg. Construction F	Structural Design G	Prof. Administration H	Bldg. Equipment I	Passed
*69-236	Pederson, Harold S.	75	P	P	P	79	78	P	CGH
70-359	Peters, Leland Bryce	82	F	88	76	78	F	77	CEFGI
70-399	Plate, Roger Andrew	F	88	75	F	F	75	F	DEH
*69-287	Posedly, Thomas J.	P	P	75	76	77	79	77	EFGHI
70-293	Robison, Sam H., Jr.	83	75	75	F	83	83	83	CDEGHI
*66-203	Shimels, Thomas A.	P	P	P	P	78	P	P	G
*67-133	Slayter, Dale W., Jr.	P	75	P	P	P	P	P	D
67-81	Tachuk, Donald M.	F	P	P	P	77	P	P	G
65-108	Thurman, Edward Adair	P	P	F	P	P	P	P	
*70-136	Von Fange, Duane C.	81	90	87	76	78	83	85	CDEFGHI
70-409	Warner, Fergus P., Jr.	75	F	F	86	F	79	79	CFHI
69-302	Weber, Ronald George	Ex	Ex	F	Ex	P	Ex	Ex	
*69-330	Wiblin, Carman Eugene	P	P	P	P	75	P	P	G
*67-244	Wilhelm, George R.	P	P	P	P	82	P	P	G
66-199	Wonsley, Ronald C.	F	P	P	P	F	P	P	

ARCHITECTS-IN-TRAINING

		His. & Th. C	Str. Dsn. G	Bld. Eqp. I	Passed
*70-11	Dial, James Rual	81	75	75	CGI
70-12	Hileman, Mark McBride	F	F	F	
*70-8	Kozan, Eric Thomas	88	88	84	CGI
70-7	Reynolds, Gary Don	F	F	F	
*70-9	Shay, Howell Lewis, III	87	79	86	CGI
*70-6	Tuinstra, Michael A.	82	79	84	CGI

LANDSCAPE ARCHITECTS
(under Old Rules)

No.	Name	1 History & Theory	2 Pltg., Design & Ident.	3 L.S. Arch. Design	4 Site Planning	5 Construction	6 Prof. Administration	Passed
* 69-9	Langmade, Beatrice Rogers	P	P	P	75	P	P	4
69-86	Ranahan, Eddie Peter	Ex	EX	P	F	Ex	Ex	
69-91	Jones, Bill Ross	P	P	P	75	P	P	4
69-92	Jones, Claude Vernon	Ex	EX	P	F	Ex	Ex	
69-93	Malcolm, John Frank	P	P	P	75	P	P	4
69-94	McCallum, Edna Joseph	P	P	P	75	P	P	4
69-95	MacIntyre, Chas. W.	Ex	EX	P	F	Ex	Ex	
69-96	Moore, Robert Dwight	P	P	P	75	P	P	4
69-97	Moore, Thos. Russell	Ex	EX	P	F	Ex	Ex	
69-98	Partridge, Robert Bryan	P	P	P	75	P	P	4
69-99	Reilly, John Lee	P	P	P	75	P	P	4
69-100	Reilly, John Walter	P	P	P	75	P	P	4
69-101	Reynolds, Richard Maurice	P	P	P	75	P	P	4
69-102	Robinson, Jerry	P	P	P	75	P	P	4
69-103	Roscoe, Clifford Irving	P	P	P	75	P	P	4
69-104	Roscoe, Douglas Wayne	P	P	P	75	P	P	4
69-105	Roscoe, George El	P	P	P	75	P	P	4
69-106	Roscoe, Stanley	P	P	P	75	P	P	4
69-107	Roscoe, Sylvia Benjamin	P	P	P	75	P	P	4
69-108	Roscoe, Ford Thomas	P	P	P	75	P	P	4
69-109	Roscoe, Frederick	P	P	P	75	P	P	4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>AGRICULTURAL ENGINEERING</u>						
*70-214	Neumann, Thomas Willard	Ex	Ex	73	70	3,4
*69-361	Parsons, Clifford Edgar	Ex	Ex	Ex	80	4
<u>CHEMICAL ENGINEERING</u>						
70-407	Kopisch, LeRoy Chriss	F	F	F	74	4
70-379	Scott, Robert Bruce	Ex	Ex	F	F	
<u>CIVIL ENGINEERING</u>						
70-371	Bain, Bill Ross	P	P	F	F	
70-139	Baker, Claude Varney	Ex	Ex	F	F	
70-400	Baldwin, John Frank	Ex	Ex	F	F	
70-58	Bertella, Guido Joseph	F	F	F	75	4
69-293	Bhandhusavee, Choosin	Ex	Ex	F	P	
*69-411	Booth, Robert Dwight	P	P	P	95	4
*70-255	Buick, Thomas Russell	Ex	Ex	70	80	3,4
69-368	Covington, Edward Bryson	F	F	F	70	4
63-489	Delaney, John Leo	Ex	Ex	F	P	
*67-41	Deskens, John Wesley	P	P	70	P	3
70-406	Eychner, Richard Maurice	F	F	F	75	4
68-221	Friedson, Harvey	P	P	P	F	
70-223	Gatlin, Clifford Irving	Ex	Ex	F	F	
*70-396	Hawkins, Douglas Wayne	Ex	Ex	70	75	3,4
68-274	Iannella, George C.	Ex	Ex	F	P	
70-319	Lacey, Stanley	Ex	Ex	F	75	4
67-247	Lowe, Archie Benjamin	F	F	F	F	
69-214	McKee, Ford Osborne	P	P	P	F	
69-410	Mathein, Fredrick	F	F	F	F	

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>CIVIL ENGINEERING - Cont'd.</u>						
*70-290	Meredith, Howard L.	Ex	Ex	Ex	70	4
67-322	Newton, Thomas Monroe	P	P	F	P	
70-30	Nickles, Andrew Leland	74	74	F	75	1,2,4
*68-75	Ohnesorgen, William B.	Ex	Ex	70	P	3
70-279	Orrahood, John Emerson	Ex	Ex	72	F	3
70-260	Phelps, Donald Gene	F	F	F	F	
66-127	Raymo, William James	P	P	F	P	
70-295	Rodriguez, John Edward	P	P	F	F	
69-217	Roose, James Frederick	Ex	Ex	F	P	
69-80	Ruiz, Roberto Corona	P	P	F	P	
70-363	Rupe, Robert William	P	P	F	F	
*68-171	Rushton, Donald P.	Ex	Ex	70	P	3
70-51	Salmon, Michael Dumont	Ex	Ex	F	F	
68-343	Saunders, J. Sidney	Ex	Ex	F	F	
*69-342	Shirley, Stephen James	Ex	Ex	70	P	3
69-364	Skagestad, Tønnes	Ex	Ex	F	P	
61-96	Smith, Robert H.	P	P	F	P	
*70-172	Smith, Vincent James	Ex	Ex	80	80	3,4
70-332	Thompson, Robert G.	Ex	Ex	F	F	
67-257	Vezzetti, Michael J.	Ex	Ex	F	P	
70-2	Wilson, Michael J.	P	P	F	F	
70-369	Wisser, Gerhard Karl	75	75	81	F	1,2,3
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
69-166	Ziegler, Lawrence Lee	P	P	F	F	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>ELECTRICAL ENGINEERING</u>						
*70-376	Brean, George Albert	P	P	75	70	3,4
70-123	Chartier, Everette Elmer	Ex	Ex	F	F	
70-274	Cummings, Arthur Barry	Ex	Ex	F	F	
66-260	Day, David S.	P	P	P	F	
70-254	Evans, John Madison	Ex	Ex	F	F	
70-85	Grommes, William Kelly	P	P	F	F	
68-224	Murphy, William Patrick	Ex	Ex	F	F	
69-206	Paul, Dennis Lee	Ex	Ex	P	F	
*70-53	Schrack, Gary Lee	Ex	Ex	100	80	3,4
70-170	Sims, Lee Leon	85	85	Ext.	Ext.	1,2
*70-294	Tellis, Don Otis	P	P	70	90	3,4
70-324	Winter, Terry Mac	P	P	F	F	
<u>GEOLOGICAL ENGINEERING</u>						
*70-215	Hackman, David Brent	P	P	87	87	3,4
70-226	Youell, James Robert	Ext.	Ext.	F	F	
<u>GEOPHYSICAL ENGINEERING</u>						
*70-122	Matthews, John Phillips, Jr.	71	71	72	85	1,2,3,4
<u>HIGHWAY ENGINEERING</u>						
68-21	Cantrell, Harvey Glenn	F	F	F	P	
66-239	Collon, William P.	Ex	Ex	F	P	
66-295	Evans, James Marshall	Ex	Ex	F	P	
68-25	Horne, William Henry	P	P	F	P	
67-129	Howard, Robert L.	Ex	Ex	F	P	
67-183	Lansdon, Horace Greeley, Jr.	Ex	Ex	F	P	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>HIGHWAY ENGINEERING - Cont'd.</u>						
69-243	Lohr, John Louis	F	F	70	90	3,4
70-276	McFadden, Gene Raymond	Ex	Ex	F	70	4
69-402	Mahaffey, Orville Freemon	Ex	Ex	F	F	
66-144	Minter, Charles Bernard	Ex	Ex	F	P	
70-60	Ohnleiter, Robert Fred	F	F	F	F	
67-132	Ryan, Seymour William	Ex	Ex	F	P	
*69-398	Shaw, Robert Stanley	Ex	Ex	82	90	3,4
*67-53	Simonson, Lee Idor	P	P	74	P	3
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard Dixon	F	F	F	F	
<u>INDUSTRIAL ENGINEERING</u>						
70-8	Gray, Robert William, Jr.	Ex	Ex	F	F	
69-47	White, Daniel D.	Ex	Ex	F	F	
<u>MECHANICAL ENGINEERING</u>						
69-277	Aymar, Arthur Anthony	Ex	Ex	F	P	
70-348	Bassett, Robert Lee	F	F	F	70	4
67-167	Clayton, Orley John	F	F	80	P	3
*70-90	Ducommun, Donald LeRoy	79	79	72	80	1,2,3,4
69-229	Duffy, Jack Edwin	Ex	Ex	F	F	
*70-292	Emmert, David Lee	Ex	Ex	86	70	3,4
69-201	Howes, Leslie Dennis	F	F	DNA	DNA	
*70-61	Johnson, Carlton Cowles	Ex	Ex	75	85	3,4
*70-62	Kenimer, Farrell Landrum	Ex	Ex	72	80	3,4
70-184	Miller, Robert Carson	F	F	F	70	4
69-268	Northon, Francis Edwin	Ex	Ex	F	F	
*70-377	Stevens, Phillip Duane	Ex	Ex	77	80	3,4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>MECHANICAL ENGINEERING - Cont'd.</u>						
68-174	Stockton, Paul	Ex	Ex	F	F	
*70-29	Valesh, Frank Anthony	Ex	Ex	81	70	3,4
65-169	Wellington, Charles K.	P	P	F	P	

METALLURGICAL ENGINEERING

69-350	Akel, Nagib	F	F	F	F	
*69-404	Bradley, Robert Calvin	Ex	Ex	79	86	3,4

MINING ENGINEERING

*70-266	Coggin, Horace Mason	Ex	Ex	91	75	3,4
70-104	Graves, Arthur Joseph	Ex	Ex	F	F	
*70-250	Quay, J. H.	Ex	Ex	70	70	3,4
70-232	Stout, Donald Clinton	P	P	F	80	4
*70-130	Wilson, Grady Albert	Ex	Ex	78	90	3,4

STRUCTURAL ENGINEERING

		Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
70-197	Baker, Claude Varney	Ex	Ex	F	F	91	F	5
70-286	Cammarata, Larry Charles	Ex	Ex	Ex	Ex	86	F	5
70-239	Hollingsworth, Erwin Dean	Ex	Ex	Ex	Ex	F	F	
*70-309	Krahl, Nat Wetzel	Ex	Ex	Ex	Ex	97	90	5,6
*70-33	Mahan, Norman Ralph	Ex	Ex	83	90	93	83	3,4,5,6
*69-389	Tallarico, Robert Anthony	Ex	Ex	Ex	Ex	94	94	5,6
70-107	Tucker, Wayne	P	P	P	P	94	F	5

GEOLOGY

		I	II	III	IV	Passed
69-198	Freeman, Gilbert Norvell	Ex	Ex	F	P	
*69-353	Ganus, William Joseph	Ex	Ex	83	95	3,4
70-103	Graves, Arthur Joseph	Ex	Ex	F	F	

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>LAND SURVEYING</u>						
*70-18	Adams, Robert Eugene	Ex	Ex	97	86	3,4
70-129	Bridges, James Peyton	F	F	75	75	3,4
70-68	Caraway, Cross Milton, Sr.	F	F	73	F	3
*69-34	Courtright, Donald E.	P	P	P	73	4
*70-120	Evans, Sanford B.	Ex	Ex	76	73	3,4
70-289	Hendrix, Robert	F	F	F	F	
69-123	Jones, James David	P	F	P	P	
70-124	Ott, Wallace Robert	F	F	91	78	3,4
69-325	Rikard, Kenneth Ray	Ex	Ex	85	F	3
70-336	Rollins, Francis Arthur	74	F	75	77	1,3,4
69-177	Shields, Phillip Kinyon	P	F	77	76	3,4
70-298	Shoun, Howard Wilmer	70	F	83	73	1,3,4
70-238	Stinard, Donald Irving	F	F	83	77	3,4
*68-281	Talbow, William Thompson	P	P	80	P	3
69-77	Torres, Alfonso	P	F	73	F	3

ENGINEER-IN-TRAININGGrade

70-88	Armstrong, Walter R., III	73
70-85	Bertani, Barry Anthony	78
70-105	Berry, James E.	95
69-80	Billings, Jed Scott	F
68-1	Bitterli, Robert John	F
70-56	Blackledge, John William	83
70-99	Brevick, Lonnie Lee	83
70-108	Brooks, Jerry Wayne	F
70-95	Buecher, Robert Harry	87

ENGINEER-IN-TRAINING

Grade

ENGINEER-IN-TRAINING	Grade
70-117 Burch, Stephen Pierce	76
70-94 Burcham, Robert Lavell	F
70-80 Coe, John Ellis	F
70-45 Collins, Gary B.	F
70-84 Eagar, Terry Sherwood	86
70-96 Felsing, Donald Edward	83
70-77 Ford, David C.	75
70-79 Geiger, Gregory S.	73
69-1 Green, Donald E.	F
70-98 Grenier, David Allen	83
70-82 Haley, William S.	72
70-112 Harper, Gary Wilmer	76
70-8 Haskell, Clarence Gordon, Jr.	74
70-81 Hubler, Robert Stewart	F
70-107 Langford, William Dean	90
70-113 Liebendorfer, Paul John	88
70-83 Loeser, Cary Arnold	89
66-44 McCassalin, Wade L.	F
70-78 McDowell, Robert Garrett, Jr.	76
70-115 McKinstry, Bruce A.	84
70-90 Mahnke, Stephen A.	F
70-110 Malcolm, David Meiklejohn	81
70-34 Mitchell, Bruce A.	76
70-7 O'Neill, Timothy M.	74
69-69 Rawlings, Wayne E.	F
70-91 Richards, Charles L.	80

<u>ENGINEER-IN-TRAINING</u>		<u>Grade</u>
70-75	Rihs, Paul William	73
70-102	Robinson, James H.	83
70-103	Ruhl, Bernard	77
70-74	Schwartz, Peter A., Jr.	84
70-111	Shields, Paul Gregory	F
70-104	Slattebo, David Louis	72
70-86	Slocum, Ronald Edward	82
69-19	Soto, Edward M.	F
70-87	Spieler, Bruce Abbot	75
70-101	Stebbing, John F.	70
70-76	Sweet, Bradley Carl	98
70-100	Vicars, Charles L.	78
70-92	Wallace, Bruce Robert	88
70-109	Ward, Bruce Gordon, Jr.	74
70-93	Weech, James Lance	97
70-9	Werhan, Ronald W.	75
70-114	Willey, James C.	F
70-106	Wright, Kenneth W.	79
70-73	Zukowski, Michael Peter	71

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

At the December 11, 1970, meeting Edib "Ed" Kirdar, Civil Engineer, File No. 69-270, was directed to have the Roberts College, Istanbul, Turkey, to forward to the office of the Board a copy of his transcript. This transcript was received and Dr. Newlin advised he had reviewed the transcript and found it to be equivalent to the E.C.P.D. schools in United States. It was moved by Dr. Newlin and seconded by Mr. Dryden that the Board reconsider its previous action and that Parts 1 and 2 of the examination be waived. Motion carried.

READING OF COMMUNICATIONS

Letter from P. J. Clovocko, regarding Planners, as shown on Minute Page 2851, was presented for the Board's information only.

UNFINISHED BUSINESS

Mr. Wyatt presented as Committee Chairman the report of the Plans Review Committee, as shown on Minute Page 2852. After considerable discussion, it was suggested that this ad-hoc committee make a concrete suggestion on this plans review committee for the City and to report to the June meeting of the Board.

Mr. Knickerbocker suggested that we appoint a committee at the March meeting of the Board to write up a job description for the employment of the attorney/investigator to be hired the first of July.

Mr. Knickerbocker presented a letter from Bailey E. Battiste, National President of the National Society of Professional Sanitarians, regarding registration for sanitarians under an existing board.

It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that the Board go on record as favoring the registration of sanitarians and it would be desirable under the State Department of Health. Motion carried. The Executive Director was directed to correspond with the Governor and Mr. Battiste regarding their feelings.

The Executive Director advised that the March 19, 1971, meeting of the Board would be held in the Roman Room of the Pioneer Hotel in Tucson, Arizona.

RECEIVED

JAN 15 1971

SUNSHINE RECORDS SECTION

Planning and Budgeting
 AIP Application form is for your information.

P. J. Clovocko
 P. J. Clovocko



CITY OF TUCSON

The Sunshine City

CITY HALL
TUCSON, ARIZONA 85703
P. O. BOX 5077

DEPARTMENT OF COMMUNITY DEVELOPMENT

Walter J. Edelblut
Executive Secretary
State Board of Tech. Registration
Phoenix, Arizona

January 12, 1971

Dear Mr. Edelblut,

The 'planners' in this area are allegedly 'assuming' roles which appear to be normal to the Architectural, Landscape Architecture and Engineering functions as prescribed by the Code of the State Board of Tech. Registration, amended April 1970.

The word 'planning' does appear in each of the above categories. However, the AIP is recommending the following which could nullify all of the 'planning' work of those three professional categories....by that Society's broad interpretation of the word, 'planning'.

In municipal government work it is particularly a sensitive topic since traditionally a Planner had assumed a function without knowledge of the governing Statutes or the definition between his role and that of newly formed Specialists Offices.

The purpose of this letter is a request for formal interpretation by your Office or the State General's Office (Attorney) legal opinion, if one has not yet been previously prepared, that most of the following, if not totally, are a normal function of the Architectural, Landscape Architecture and Engineering professional and technical performances.

The AIP parameters of Planning:

- Administration for Planning and Development
- Comprehensive Physical Planning
- Resource Development
- Social Planning
- Transportation Planning
- Urban Design
- Research Methodology
- Economic Planning
- Environmental Sciences Planning
- Renewal Planning
- Planning Law
- Programming and Budgeting

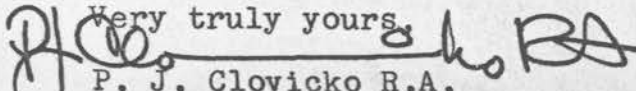
RECEIVED

JAN 15 1971

STATE BOARD TECHNICAL REGISTRATION

The following AIP Application form is for your information.

PJC/nm

Very truly yours,

 P. J. Clovicko R.A.

Mr. Lynn Vanlandingham, Chairman,
Arizona State Board - Technical Registration
February 4, 1971

Plan Review Committee
Earl Cassidy
Charlie Newlin
Ralph Wyatt

On Wednesday, 30 December 1970, Committee on Plan Review met with City of Phoenix staff including:

Mike Seinerth, Director, Building & Housing Safety
Charles Raines, Superintendent, Building Inspectors
Bill Carey, Supervisor - Plan Review
City Attorney

for the purpose of discussing means of reviewing construction drawings for buildings submitted for building permit which do not have sufficient information to assure construction of a building conforming to Safety Code requirements.

Mr. Seinerth stated that the submission of incomplete plans has become a chronic problem with some registrants - that additional plan checking fees and resubmittal time have not been effective in correcting the problem. The City of Phoenix staff in cooperation with American Institute of Architects have suggested the appointment of a Committee for reviewing plans and filing complaints against registrants who continually submit incomplete plans; however, City Attorney has expressed the opinion that until Building Permit has been issued, plans are not available for public review. The City will not allow review of such plans due to liability involved.

City Attorney suggested State Board of Technical Registration provide for plan review committee under its Rules and By-Laws with authority to review plans prior to issue of Building Permit. This would operate at a State level and would reduce liability of parties concerned provided review requirements conform to reasonable consistent professional practice.

The Committee recommends this be placed on Agenda for Board discussion at next special meeting.

Ralph Wyatt
Committee Chairman

ADJOURNMENT

It was moved by Mr. Cassidy and seconded by Mr. Girard that the Board adjourn at 12:15 P.M., February 19, 1971. Motion carried.

CHAIRMAN

SECRETARY

REPORT OF THE EXECUTIVE COMMITTEE

REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. ... reported on ... regarding Mr. Baldwin's request that ... It was Mr. ...'s contention that ... are not really qualified to do land surveying ... Mr. ... stated that when the rules were changed in 1967, at the public hearing, it was suggested that civil engineers return to the ... but they would perform land surveying under their ... Mr. ... suggested changing the rules regarding land surveying so as to allow civil engineers to do engineering work. It was moved by Mr. ... and seconded by Mr. ... that we write to Mr. Baldwin and check his ... the fact that our hearing had been held regarding this ... that we proceed under the order in ... Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. ... reported that House Bill 195 which had been introduced was for the ... as they have not been registered for ... It also could be interpreted as a Grandfather Clause for Board ...

REPORT OF THE STAFFING & EXAMINATION COMMITTEES

Mr. ... presented the Architectural profession Committee meeting report of February 23, 1971 as shown on Minutes Pages 2011 and 2016. It was moved by Mr. ... and seconded by Mr. ... that this report of the Architectural ... be accepted and implemented by the Board. Motion ...

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

March 19, 1971

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in the Roman Room, Pioneer Hotel, Tucson, Arizona, at 9:30 A.M.

PRESENT

M. L. Vanlandingham, Chairman
 Charles W. Newlin, Secretary
 C. W. Dryden
 James L. Knickerbocker
 Lew Place
 Ralph L. Wyatt

ABSENT

Earle M. Cassidy, Vice-Chairman
 John Girand

GUEST

A. R. Turk

It was moved by Mr. Dryden and seconded by Mr. Wyatt that the minutes of the special meeting of the Board on February 18-19, 1971, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No meetings and no report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. Dryden referred to Minute Page 02837 regarding Mr. Baldwin's request that the rules be changed regarding land surveyors. It was Mr. Dryden's contention that civil engineers sometimes are not really qualified to do land surveying but a great many are qualified and it is the engineers responsibility to limit himself to his capabilities. Mr. Dryden stated that when the rules were changed in 1968, at the public hearing, it was suggested that civil engineers secure registration as land surveyors but they could perform land surveying under their civil engineering registration as custom and tradition of their profession. Mr. Dryden opposed changing the rules regarding land surveying as we allow civil engineers to do other engineering work. It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that we write to Mr. Baldwin and thank him for his interest and information and due to the fact that one hearing had been held regarding this that it was the consensus of the Board that we proceed under the rules as we have proceeded. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Dryden reported that House Bill 196 which had been introduced was for the benefit of the landscape architects as they have not been registered for ten years. It also could be interpreted as a Grandfather Clause for Board members.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Wyatt presented the Architectural Evaluation Committee meeting report of February 23, 1971, as shown on Minute Pages 2855 and 2856. It was moved by Mr. Wyatt and seconded by Mr. Place that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Continued.....

DATE: February 23, 1971

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

The Architectural Evaluation Committee met on February 23, 1971, in Phoenix, Arizona, with the following member present:

Ralph L. Wyatt

Mr. Wyatt reviewed the following applicants with the affirmative concurrence of Mr. M. L. Vanlandingham and makes 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:

Bailly, Paul Charles	71-14	Munns, Daniel Arthur, Jr.	71-15
Bissell, George Arthur	70-447	Murphy, William Cook	70-443
Davey, Robert Selden	70-486	Perrenoud, Donald James	71-19
Denbrook, Myron Elwood, Jr.	70-353	Phelan, William Carl	70-490
Gong, Wallace	70-458	Riley, George William	71-17
Gronau, John Fredrick	70-135	Seleine, Richard Edward	70-504
Hastings, Paul Dean	70-425	Telfer, Gilbert Thomas	70-288
Jenkins, Robert Eugene	71-16	Thompson, Charles Lynn	70-502
Jones, F. Eugene	70-485	Thompson, Howard Francis	70-471
Krisel, William	70-474	Toth, Andrew Michael	70-487
Lindsey, Thomas Wayne	71-41	Wagner, Stewart G.	71-18
		Weiss, Walter	70-340

- 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, 1971, examinations:

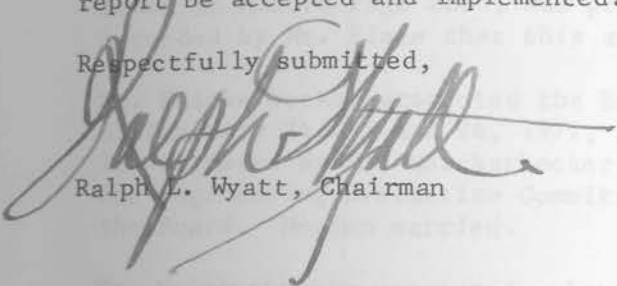
Banks, John Aubrey	70-501	C,D,E,F,G,H,I
Ewers, James Joseph	70-387	C,D,E,F,G,H,I
Miller, Thomas Patrick Joseph	70-338	C,D,E,F,G,H,I
Monacchio, Marco Francis	70-374	C,D,E,F,G,H,I
Moon, Warren DeWitt	70-442	C,D,E,F,G,H,I
Poland, Philip Edward	70-408	C,D,E,F,G,H,I
Sawyer, Edward Bosson, Jr.	70-469	C,D,E,F,G,H,I

III. The following applicants having been advised that they must submit a treatise and problem on seismic forces and for their failure to do so within a reasonable length of time, the Committee recommends to the Board that they be denied:

- Aguirre, Pedro, Jr. 70-402
- Dabney, Robert Louis 70-401
- Ford, O'Neil 70-243

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

Respectfully submitted,



Ralph L. Wyatt, Chairman

Ralph L. Wyatt, Chairman

Mr. [Name] presented a letter from [Name], [Title], [Address], [City], [State], [Zip], who requested reconsideration of the Engineering Evaluation Committee recommendation of holding him for four parts of the written examination due to his academic history. After an in-depth discussion of Mr. [Name]'s application file, it was moved by Mr. [Name] and seconded by Dr. [Name] that the Board reaffirm its previous action holding him for all four parts of the written examination. Motion carried.

Mr. [Name] presented a letter from Daniel [Name], Structural Engineer, [Address], [City], [State], [Zip], who requested reconsideration of the Engineering Evaluation Committee recommendation of hold him for Parts 3 and 6 of the written examination due to his experience in seismic forces. After an in-depth discussion of Mr. [Name]'s application file, it was moved by Mr. [Name] and seconded by Dr. [Name] that the Board reaffirm its previous action holding him for Parts 3 and 6 of the written examination. Motion carried.

Mr. [Name]'s report of the August and November, 1970, personal auditions was discussed. It was moved by Dr. [Name] and seconded by Mr. [Name] that we recommend the audit by Dr. [Name] on the personal auditions subsequent to the January personal auditions' evaluation. Motion carried.

Mr. [Name] returned the meeting for the Engineering Evaluation Committee to deal with items on Engineer-In-Training applications.

It was moved by Mr. [Name] and seconded by Mr. [Name] that the Engineer-In-Training applicants, [Name] [Name], Jr., [Name], [Name], be notified that they should reply in one year. Motion carried.

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

The schedule for the Architectural Examinations in June, 1971, as shown on Minute Page 2858, was presented. It was moved by Mr. Wyatt and seconded by Mr. Place that this schedule be approved as presented. Motion carried.

Dr. Newlin presented the Landscape Architectural Evaluation Committee meeting report of February 23, 1971, as shown on Minute Page 2859. It was moved by Dr. Newlin and seconded by Mr. Wyatt that the report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The schedule for the Landscape Architectural Examinations in June, 1971, as shown on Minute Page 2860, was presented. It was moved by Dr. Newlin and seconded by Mr. Place that this schedule be approved as presented. Motion carried.

Mr. Knickerbocker presented the Engineering Evaluation Committee meeting report of February 24, 25 and 26, 1971, as shown on Minute Pages 2861, 2862 and 2863. It was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Knickerbocker presented a letter from Ernest E. Dietzman, Civil Engineer, File #70-505, who requested reconsideration of the Engineering Evaluation Committee recommendations of holding him for four parts of the written examination due to his academic history. After an in-depth discussion of Mr. Dietzman's application file, it was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the Board reaffirm its previous action holding him for all four parts of the written examination. Motion carried.

Mr. Knickerbocker presented a letter from Daniel Werber, Structural Engineer, File #70-483, who requested reconsideration of the Engineering Evaluation Committee recommendations of hold him for Parts 5 and 6 of the written examination due to his experience in seismic forces. After an in-depth discussion of Mr. Werber's application file, it was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the Board reaffirm its previous action holding him for Parts 5 and 6 of the written examination. Motion carried.

Dr. Shirley Fahey's report of the August and November, 1970, personal audiences was presented. It was moved by Dr. Newlin and seconded by Mr. Dryden that we discontinue the study by Dr. Fahey on the personal audiences subsequent to the February personal audiences' evaluation. Motion carried.

Chairman Vanlandingham recessed the meeting for the Engineering Evaluation Committee to meet and discuss two Engineer-in-Training applications.

When the Board reconvened, it was moved by Mr. Knickerbocker and seconded by Mr. Dryden that the Engineer-in-Training applicants, Charles Kenneth Wall, Jr., and Charles W. Floyd, be notified that they should reapply in one year. Motion carried.

Continued.....

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

TWO LOCATIONS:

1. Tempe, Arizona

New College of Architecture Building, South of University Drive on
Forest Avenue, Rooms 227 and 240, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 12, 1971

9:00 A.M. to 12:00 Noon

Examination H, Professional Administration (No reference material permitted)

12:30 P.M. to 5:30 P.M.

Examination D, Site Planning - "A Small Civic Center Complex"
(No reference material permitted)

Sunday, June 13, 1971

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

Examination E, Architectural Design - "A Community Center"
(No reference material permitted)

Monday, June 14, 1971

9:00 A.M. to 1:00 P.M.

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

1:30 P.M. to 5:30 P.M.

Examination I, Building Equipment (No reference material permitted)

Tuesday, June 15, 1971

9:00 A.M. to 12:00 Noon

Examination F, Building Construction (No reference material permitted)

12:30 P.M. to 5:30 P.M.

Examination G, Structural Design (Reference material is permitted)

DATE: February 23, 1971

TO: State Board of Technical Registration

FROM: Landscape Architectural Evaluation Committee

SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on February 23, 1971, in Phoenix, Arizona, with the following member present:

Ralph L. Wyatt

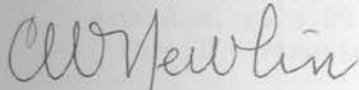
Mr. Wyatt reviewed the following applicants with the affirmative concurrence of Dr. Charles W. Newlin and makes to the Board the recommendation shown regarding their professional registration in Arizona:

- 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:

Ribera, Alan Eugene	70-431
Sue, John Chee	70-411

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

Respectfully submitted,



Charles W. Newlin, Chairman

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

TWO LOCATIONS:

1. Tempe, Arizona

New College of Architecture Building, South of University Drive on Forest Avenue, Rooms 227 and 240, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 12, 1971

9:00 A.M. to 7:00 P.M.

Part 4 - Construction (Reference material is permitted)

12:30 P.M. to 5:30 P.M.

Part 4 - Site Planning (Old Rules) - "A Small Civic Center Complex"
(No reference material permitted)

Sunday, June 13, 1971

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

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

Monday, June 14, 1971

9:00 A.M. to 3:00 P.M.

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

Tuesday, June 15, 1971

9:00 A.M. to 11:00 A.M.

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

11:00 A.M. to 1:00 P.M.

Part 5 - Professional Administration (No reference material permitted)

DATE: February 26, 1971

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

The Engineering Evaluation Committee met on February 24, 25, and 26, 1971, in Phoenix, Arizona, with the following members present:

Earle M. Cassidy	James L. Knickerbocker
C. W. Dryden	Charles W. Newlin
John Girand	

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the committee and satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 are hereby recommended for registration:

AERONAUTICAL ENGINEERING

Balfour, Ronald Bernard 70-415

CHEMICAL ENGINEERINGEdwards, Richard Modlin 71-13
Spitz, Albert Winfred 70-468CIVIL ENGINEERING

Amer, Hassan 70-477
 Boone, Robert Kenneth 70-499
 Born, Robert Heywood 70-510
 Dahmen, David Allen 70-439
 Deskins, John Wesley 67-41
 Dickson, James Gilmer 70-417
 Dickson, R. Dewey 71-2
 Ebert, Ernest James 70-445
 Fowler, Pat Bailey 70-446
 Furse, John Howard 70-426
 Gibson, Raymond Roy 70-476
 Hepworth, Richard Cundiff 70-450
 Linswiler, John Gary 71-12
 McFerrin, William Adrian 70-454
 McLean, Norman Angus 70-456
 Munsell, Stephen Francis, Jr. 70-452
 Richardson, Charles B. 70-412
 Shayler, Donald H. 70-437
 Sistek, Gerald 71-9
 Staal, Ivar 70-428
 Unten, John Eiwa 70-497
 Wood, William Schuyler 70-421

ELECTRICAL ENGINEERING

Bruington, Joseph 70-438

ELECTRICAL ENGINEERING (Con't)Cropp, Evan William 70-481
Smith, Joseph Emmett 70-461
Zweigler, Robert 71-6HIGHWAY ENGINEERING

Simonson, Lee Idor 67-53

MECHANICAL ENGINEERINGBennett, Paul Steven 70-444
Flower, Harry Whitney 70-419
Helfman, Howard Newton 70-507
Hoge, William Maurice 70-462
Splittberger, Ralph 70-453
Villars, Lowell Waldo 70-478METALLURGICAL ENGINEERING

Roush, Milton Stahl 70-470

MINING ENGINEERING

Gates, Leslie Clifford 70-418

SANITARY ENGINEERINGBeckman, Wallace Jennings 70-509
Campuzano, Carlos Miguel 70-500STRUCTURAL ENGINEERINGFletcher, Harry Fred 70-464
Lawson, Robert Edward 70-463GEOLOGY

Bowditch, Samuel Ingersoll 70-493

Continued.....

I. Continued

LAND SURVEYING

Glassburn, McNeil E.	70-498
Matotan, William Ivan	71-10
Padgett, William Harry, Sr.	70-440
Sandlin, Kenneth Howard	70-435
Taylor, Boyd Huston	70-423

- 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, 1971, written examinations:CIVIL ENGINEERING

Bailey, Edwin Densley	70-473	Parts 3 and 4
Dietzman, Ernest Edward	70-505	Parts 1, 2, 3 and 4
Easter, Jene Albert	70-488	Parts 1, 2, 3 and 4
Jones, Jerry Ray	70-430	Parts 3 and 4
Paddock, Francis Clare, Jr.	70-465	Parts 3 and 4
Park, Ollie Donahue	70-427	Parts 3 and 4
Patch, Chester Joseph, III	71-8	Parts 3 and 4
Scafuri, Ralph L.	70-429	Parts 3 and 4
Shirley, George Edward	71-11	Parts 3 and 4
Slocum, Charles Wayne	70-466	Parts 3 and 4
Subbotin, Victor Theodore	70-459	Parts 3 and 4
Wise, James Russell	70-420	Parts 3 and 4
Womack, David Paul	71-7	Parts 3 and 4

ELECTRICAL ENGINEERING

Baur, Mason Herbert	70-511	Part 4
Cunning, Raymond Dale	70-479	Parts 3 and 4
Howard, Charles Colin	71-4	Parts 1, 2, 3 and 4
Miller, Olin D.	70-414	Parts 1, 2, 3 and 4

HIGHWAY ENGINEERING

Patty, John Harlan	70-413	Parts 1, 2, 3 and 4
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MECHANICAL ENGINEERING

Cooper, Frank William, Jr.	70-297	Parts 3 and 4
Dahnke, Frederick August	70-449	Parts 3 and 4
Merkley, Ronald Max	70-489	Parts 3 and 4
Miller, Marion Edward	70-432	Parts 1, 2, 3 and 4
Schwimmer, Ray Alan	70-492	Parts 3 and 4
Stewart, Avery L.	70-275	Parts 3 and 4
Utley, Wallace Ralph	71-3	Parts 3 and 4

MINING ENGINEERING

Brown, Lester Robinson, Jr.	70-455	Parts 3 and 4
O'Neil, Thomas Joseph	70-451	Parts 3 and 4

Continued.....

II. Continued

STRUCTURAL ENGINEERING

Holt, Randolph Errett	70-506	Parts 5 and 6
Stevson, Ellwood Kenneth	71-1	Parts 5 and 6
Werber, Daniel	70-483	Parts 5 and 6
Wood, William Schuyler	70-422	Parts 5 and 6

GEOLOGY

Conley, Jack Noble	70-472	Parts 3 and 4
Schmidt, Kenneth Dale	70-480	Parts 3 and 4

LAND SURVEYING

Jensen, Lynn Howard	70-467	Parts 1, 2, 3 and 4
Kuder, Sam Lee	70-313	Parts 1, 2, 3 and 4

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 to the Board that he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Barry, Albert Robert	70-327	Civil Engineer
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The Committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

James L. Knickerbocker
 James L. Knickerbocker, Chairman

Alford, Charles Barton	70-253	Mechanical Engineer
Bartholomew, James	70-185	Electrical Engineer
Carroll, Larry Charles	70-288	Structural Engineer
Conroy, George Louis	70-291	Architect
Conroy, Charles Elliot	70-225	Geologist
Conroy, Robert Edwin	70-475	Electrical Engineer
Conroy, Thomas Henry	70-345	Civil Engineer
Conroy, Jack L.	70-188	Civil Engineer

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

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

Boam, George J.	69-276	Civil Engineer
Brown, Francis Blair	69-71	Engineer-in-Training
Castillo, Eduardo A.	70-11	Engineer-in-Training
Castrichini, Francis P., Jr.	70-55	Engineer-in-Training
Grady, Robert Steve	69-61	Engineer-in-Training
Griffith, David B.	69-144	Highway Engineer
Hamlin, Claude W.	68-18	Highway Engineer
Johnson, Donald Harold	68-31	Architect
King, Fredrick L.	69-1	Geologist-in-Training
Kleiner, Frank Edward	65-250	Highway Engineer
Kunkel, James R.	69-56	Engineer-in-Training
Lee, Maurice Leon	69-70	Engineer-in-Training
Midkiff, Ronald D.	69-63	Engineer-in-Training
Nichols, Jerry Edward	69-219	Highway Engineer
Shields, Henry Stephen	69-45	Engineer-in-Training
Skagestad, Tønnes	69-365	Structural Engineer
Sneesby, David J.	70-16	Engineer-in-Training
Stramandinoli, Francis Edward	68-264	Civil Engineer
Vail, Harry Legrand	70-2	Engineer-in-Training
Wilcox, Roger Michael	70-1	Architect-in-Training
Zwickl, Michael D.	70-1	Engineer-in-Training

It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that the Engineer-in-Training File No. 65-116, Carl L. Guthrie, who successfully completed the written examination, be denied for failure to notify the Board of changes of address and submittal of a transcript showing a degree since 1966. Motion carried.

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

Albright, Charles Barton	70-253	Mechanical Engineer
Bergsneider, Peter	70-185	Electrical Engineer
Cammarata, Larry Charles	70-286	Structural Engineer
Cannon, Georgius Young	70-491	Architect
Medall, Sheldon Elliot	70-229	Geologist
Scott, Robert Edwin	70-475	Electrical Engineer
Spence, Thomas Henry	70-345	Civil Engineer
Vali, Yakub A.	70-189	Civil Engineer

It was moved by Mr. Dryden and seconded by Mr. Place 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

Alexander, Theodore George	7792
Bailly, Paul Charles	7793
Bissell, George Arthur	7794
Campisano, John Francis	7795
Christensen, Lee Norse	7796
Davey, Robert Selden	7797
Denbrook, Myron Elwood, Jr.	7798
Diemer, J. Joseph	7799
Ellermann, Larry Dale	7800
Freeman, Steven Willard	7801
Gong, Wallace	7802
Gronau, John Fredrick	7803
Hastings, Paul Dean	7804
Jenkins, Robert Eugene	7805
Jones, F. Eugene	7806
Krisel, William	7807
Lindsey, Thomas Wayne	7808
Love, Elbert Howard	7809
Mason, Charles Lloyd	7810
Moreno, Manuel Mario, Jr.	7811
Munns, Daniel Arthur, Jr.	7812
Murphy, Paul Michael	7813
Murphy, William Cook	7814
Pedersen, Harold Samuel	7815
Perrenoud, Donald James	7816
Phelan, William Carl	7817
Posedly, Thomas Joseph	7818
Riley, George William	7819
Seleine, Richard Edward	7820
Shimels, Thomas Anthony	7821
Slyater, Dale W., Jr.	7822
Telfer, Gilbert Thomas	7823
Thompson, Charles Lynn	7824
Thompson, Howard Francis	7825
Toth, Andrew Michael	7916
Von Fange, Duane Charles	7826
Wagner, Stewart G.	7827
Weiss, Walter	7828
Wiblin, Carman Eugene	7829
Wilhelm, George Richard	7830

AERONAUTICAL ENGINEERING

Balfour, Ronald Bernard	7831
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AGRICULTURAL ENGINEERING

Neumann, Thomas Willard	7832
Parsons, Clifford Edgar	7833

CHEMICAL ENGINEERING

Edwards, Richard Modlin	7834
Spitz, Albert Winfred	7835

CIVIL ENGINEERING

Amer, Hassan	7836
Boone, Robert Kenneth	7838
Booth, Robert Dwight	7839
Born, Robert Heywood	7840
Buick, Thomas Russell	7841
Dahmen, David Allen	7842
Deskins, John Wesley	7843
Dickson, James Gilmer	7844
Dickson, R. Dewey	7845
Ebert, Ernest James	7846
Fowler, Pat Bailey	7847
Furse, John Howard	7848
Gibson, Raymond Roy	7849
Hawkins, Douglas Wayne	7850
Hepworth, Richard Cundiff	7851
Linkswiler, John Gary	7852
McFerrin, William Adrian	7853
McLean, Norman Angus	7854
Meredith, Howard L.	7855
Munsell, Stephen Francis, Jr.	7856
Ohnesorgen, William B.	7857
Richardson, Charles B.	7858
Rushton, Donald P.	7859
Shayler, Donald H.	7860
Shirley, Stephen James	7861
Sistek, Gerald	7862
Smith, Vincent James	7863
Staal, Ivar	7864
Unten, John Eiwa	7865
Wood, William Schuyler	7866

ELECTRICAL ENGINEERING

Brean, George Albert	7867
Bruington, Joseph	7868
Cropp, Evan William	7869
Schrack, Gary Lee	7870
Smith, Joseph Emmett	7871
Tellis, Don Otis	7872
Zweigler, Robert	7873

GEOLOGICAL ENGINEERING

Hackman, David Brent	7874
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GEOPHYSICAL ENGINEERING

Matthews, John Phillips, Jr.	7875
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HIGHWAY ENGINEERING

Shaw, Robert Stanley	7876
Simonson, Lee Idor	7877

Continued.....

MECHANICAL ENGINEERING

Bennett, Paul Steven	7837
Ducommun, Donald LeRoy	7878
Emmert, David Lee	7879
Flower, Harry Whitney	7880
Helfman, Howard Newton	7881
Hoge, William Maurice	7882
Johnson, Carlton Cowles	7883
Kenimer, Farrell Landrum	7884
Splittberger, Ralph	7885
Stevens, Phillip Duane	7886
Valesh, Frank Anthony	7887
Villars, Lowell Waldo	7888

METALLURGICAL ENGINEERING

Bradley, Robert Calvin	7889
Roush, Milton Stahl	7890

MINING ENGINEERING

Coggin, Horace Mason	7891
Gates, Leslie Clifford	7892
Quay, J. H.	7893
Wilson, Grady Albert	7894

SANITARY ENGINEERING

Beckman, Wallace Jennings	7895
Campuzano, Carlos Miguel	7896

STRUCTURAL ENGINEERING

Fletter, Harry Fred	7897
Krahl, Nat Wetzel	7898
Lawson, Robert Edward	7899
Mahan, Norman Ralph	7900
Tallarico, Robert Anthony	7901

GEOLOGY

Bowditch, Samuel Ingersoll	7902
Ganus, William Joseph	7903

LANDSCAPE ARCHITECTURE

Langmade, Beatrice Rogers	7904
Ribera, Alan Eugene	7905
Sue, John Chee	7906

LAND SURVEYING

Adams, Robert Eugene	7907
Courtright, Donald E.	7908
Evans, Sanford B.	7909
Glassburn, McNeil E.	7910
Matotan, William Ivan	7911
Padgett, William Harry, Sr.	7912
Sandlin, Kenneth Howard	7913
Talbow, William Thompson	7914
Taylor, Boyd Huston	7915

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

ARCHITECT-IN-TRAINING

Dial, James Rual	100
Kozan, Eric Thomas	101
Shay, Howell Lewis, III	102
Tuinstra, Michael A.	103

ENGINEER-IN-TRAINING

Bertani, Barry Anthony	934
Burch, Stephen Pierce	935
Creager, William Bronson	936
Christoph, Frank J.	937
Dabney, Charles Pope, Jr.	938
Eagar, Terry Sherwood	939
Geiger, Gregory S.	940
Haley, William S.	941

ENGINEER-IN-TRAINING - Cont'd.

Harper, Gary Wilmer	942
Liebendorfer, Paul John	955
McKinstry, Bruce A.	943
Mears, Connally Eudell	956
Mitchell, Bruce A.	944
Morris, Jerald Scott	945
O'Neil, Timothy M.	957
Rihs, Paul William	946
Slocum, Ronald Edward	947
Spieler, Bruce Abbot	948
Sweet, Bradley Carl	949
Van Skike, Jeffrey B.	950
Werhan, Ronald W.	951

It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that the following applicants for in-training certification having been certified by the Deans of College of Engineering, under Rule II.C.6, be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Blakley, Ross Douglas, Jr.	952
Johnson, Quinn Eugene	953
Ringwald, Bruce Robert	954

REPORT OF THE PUBLIC INFORMATION COMMITTEE

No report.

REPORT OF THE BUDGET COMMITTEE

In compliance with Section IV,1, Authorized Fees, the Board reviewed the schedule of fees and recommended no change in those fees established at this time.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director reported on the lease of our present facilities which had been drawn up by the lessor for the fiscal year July 1, 1971, through June 30, 1972, and their proposed monetary agreement for the following year, 1972-73, would be for the same amount. He reported it would be forwarded to the appropriate State agencies for approval.

Cash Flow Report #3, as shown on Minute Page 2868, was presented for the Board's information.

READING OF COMMUNICATIONS

Letter from the California State Board of Registration for Professional Engineers regarding maximum degree of comity, as shown on Minute Page 2869, was presented for the Board's information.

Letter from P. J. Clovicko regarding the "All-Assuming Planner," as shown on Minute Page 2870, was presented and it was the consensus of the Board that Mr. Clovicko's interpretation in the last paragraph was also the opinion of the Board.

Copy of letter from William B. Keller to the Governor and copy of reply from the Governor to Mr. Keller, as shown on Minute Pages 2871, 2872 and 2873, was presented and the Board directed the Executive Director to write the Governor documenting what had happened at previous meetings in this regard.

Letter from Dale R. Birtch regarding clarification of Rule V(2), as shown on Minute Page 2874, was discussed by the Board. It was the consensus of the Board that engineers could place their seal and signature on work designed by them even though the drawings were prepared by the architect/client provided the engineer reviewed the drawings to insure compliance with the design and he operated according to sound business practices.

UNFINISHED BUSINESS

Discussion was held as to establishing a committee for the employment of the new attorney/investigator. Mr. Vanlandingham felt that we should establish our own parameters for the job description and use the assistance of the Attorney General's office for completing this job description. Mr. Vanlandingham requested that Dr. Newlin and Mr. Dryden meet with him and the Attorney General to discuss this matter.

Continued.....

DATE: March 10, 1971

Balance on Deposit as of July 1, 1970 - \$17,563.04
 Balance on Deposit as of Report Date - \$121,328.62
 Unencumbered Balance as of Report Date - \$70,356.70

Total Appropriated Receipts to Date:
 \$103,765.58

LUMP SUM APPROPRIATED

\$ 73,612.00

Code	Expenditures	Amount
7112.0	Salaries	\$24,957.00
7151.0	Industrial Insurance	53.31
7153.0	FICA	824.28
7155.0	State Retirement	1,248.01
7159.0	Personnel Commission	29.38
7216.0	Data Processing	3,087.81
7219.0	Professional Services	3,738.52
7221.0	State Travel	2,200.22
7231.0	Out-of-State Travel	747.50
7251.0	Office Rent	5,098.86
7253.0	Janitor Services	20.00
7272.0	Maintenance & Repairs	57.36
7279.0	Other Repairs	3.50
7280.0	Office Supplies	2,519.18
7331.0	Printing & Photographs	43.00
7333.0	Reporting & Recording	163.00
7334.0	Postage & Postage Meter	1,585.82
7335.0	Telephone	908.12
7336.0	Telegrams	1.80
7337.0	Express	27.92
7342.0	Rent Xerox Machine	472.64
7360.0	Org. Dues & Subscriptions	1,451.60
7431.0	Office Equipment	960.08
7433.0	Microfilm Equipment	95.58
7480.0	Other Microfilm Equipment	40.35
7913.0	Revolving Fund	500.00
7921.0	Refunds	80.00

Amount Spent to Date

\$50,914.84

BALANCE FOR YEAR

\$22,697.16

RECEIVED
 FEB 22 1971
 MISS KAREN HUNTER

provided a copy of the application for the California
 professional engineers, and by your Board the
 California law. This
 registrants who were
 the EIT and professional
 to return a will
 law. Applicants for
 general knowledge
 the Pacific seaboard,
 persons.
 fication, and is reviewing
 qualified professional
 procedures a reasonable
 and procedures such were
 that were previously
 rely,
 I HER
 ive Secretary
 as R. Jones
 Administrative Assistant

1021 O STREET, ROOM A-102
SACRAMENTO, CALIFORNIA 95814
TELEPHONE: 916-445-5544

02869



Mr. Walter J. Edelblut, Jr.
Executive Secretary
State Board of Technical Registration
3550 N. Central Ave., Suite 923
Phoenix, Arizona 85012

RECEIVED

FEB 22 1971

STATE BOARD TECHNICAL REGISTRATION

Dear Mr. Edelblut:

A recent legal opinion has provided a new opportunity for the California Board to extend to professional engineers registered by your Board the maximum degree of comity recognition permitted by California law. This recognition will extend to professional engineer registrants who were registered initially after passing the regular written EIT and professional examination series.

In the future, eligible applicants will be required to return a mail questionnaire to indicate knowledge of California law. Applicants for civil engineer registration will be expected to indicate general knowledge of the seismic problems as they affect states on the Pacific seaboard. Most applicants will not be required to appear in person.

The Board is encouraging the use of the NECC certification, and is revising policies to simplify the intrastate registration of qualified professional engineers.

It is likely that the applicant will find this new procedure a reasonable approach, and that your Board will find these revised procedures much more acceptable than some that were previously in force.

Sincerely,

LOGAN MUIR
Executive Secretary

By *James R. Jones*
James R. Jones
Administrative Assistant

JRJ:cb

CITY OF TUCSON



The Sunshine City

CITY HALL

TUCSON, ARIZONA 85703

P. O. BOX 5077

DEPARTMENT OF COMMUNITY DEVELOPMENT

Walter J. Edelblut
Executive Director
State Board of Tech. Registration
Phoenix, Ariz.

March 12, 1971

RECEIVED

MAR 16 1971

STATE BOARD TECHNICAL REGISTRATION

Subject: The 'All-Assuming Planner'.

Dear Mr. Edelblut,

We appreciate your prompt response to our previous letters.

We interpret the first paragraph of your letter of March 1, 1971 to imply that 'public service corporations' such as a City or Municipal governmental body are not exempt from providing an Arizona Technical Registrant when functioning in those services normally assigned to a Technical Registrant by the Code of the State Board of Technical Registration.

Further, we interpret that A.R.S. 32-142 does govern in-house functions by City or Municipalities and their consultants for 'public-works' projects.

However, these governmental bodies are not involved solely with 'public-works' projects. The Department of Community Development of this City has been installed for a more viable urban environment for its citizenry, controlling proposed development, redevelopment, rehabilitation and conservation of buildings, landscapes and marinescapes....most of which are by private developers.

The Planners are assuming those functions normally assigned to Architecture, Landscape Architecture and Engineering which affect 'public' and 'non-public works' projects under disguise of sophisticated titles, recommended by the AIP parameters and identified in my letter of January 12, 1971.

We interpret that the Code identifies 'planning' within the normal services of Architecture, Landscape Architecture and Engineering and that 'planning' is not a separated entity recognized by the Board as a professional service in performance of those functions.

Very truly yours,

P. J. Clovicko R.A.
P. J. Clovicko R.A.



02871

OFFICE OF THE GOVERNOR
STATE HOUSE
PHOENIX, ARIZONA 85007

IN REPLY
REFER TO:

JACK WILLIAMS
GOVERNOR

January 21, 1971

RECEIVED

JAN 22 1971

STATE BOARD TECHNICAL REGISTRATION

Mr. William B. Keller, President
Keller Engineering Co., Inc.
5350 N. 16th Street
Phoenix, Arizona 85016

Dear Mr. Keller:

Thank you for the information which you have provided concerning the Board of Technical Registration. The State Board has been asked to provide an explanation for the facts which you have raised.

Thank you for bringing this to our attention.

Sincerely,

Jack Williams

JW:sg:fc

cc: Board of Technical Registration

C
O
P
Y

02872

KELLER ENGINEERING CO., INC. - CONSULTING ENGINEERS

5350 NORTH 16th STREET + PHOENIX, ARIZONA 85016 + PHONE 277-7235

WILLIAM B. KELLER, P. E. - PRESIDENT
REGISTERED - ELECTRICAL ENGINEER

January 15, 1971

Governor Jack Williams
State Capitol
Phoenix, ArizonaAttention: Mr. Fred Craft
Administrative Aide to the Governor

Dear Mr. Craft:

As per our telephone conversation on January 8, 1971 regarding the need for more action and cooperation by the State Board of Technical Registration. And the necessity of more positive support for the Board from the Attorney General's Office, I report these facts, with documented proof.

(1) Six years ago the architects requested that the consulting engineers prepare guide lines for the minimum electrical requirements to be included on electrical drawings in complete sets of design plans issued for all types of projects under the Registered Architect Seal. This was done by a committee and survey of all electrical engineers in private practice. The State Board reviewed this effort and with the approval of the architects, it was accepted as a minimum standard.

(2) To date, in spite of an excess number of flagrant violations by unethical architects (see exhibits 1 and 2), nothing has been done. The City of Phoenix Building Department has repeatedly requested that the Board require complete project plans from the architects to minimize the paperwork in their overloaded Inspection Department, also with no results. (A conservative estimate indicates at least 20-25% of projects in Phoenix alone fit into this category). Example No. 3 refers to Contractor Design. Most cities permit contractors to prepare and submit plans for new and remodeled construction in complete violation of state laws. Phoenix sets a 500KVA service limit which allows contractors to build complexes with electrical systems of sufficient size to power over 75% of all buildings now under construction. This must be stopped.

January 15, 1971

- page 2 -

If the State Board has been relegated to an agency that only registers and collects fees from architects and engineers, instead of its main purpose of protecting the health and safety of the public, see the law, then lets state this fact publicly and dispense with their entire operation. This will not only save the taxpayers a considerable sum each year, but all registrants will be spared the annual fee payment, which under the present method of operation, can only be considered a subsidy or political kickback.

Very truly yours,

William B. Keller, P.E.

WBK:nw
enclosures

DALE R. BIRTCH
ARCHITECT AND ENGINEER

02874

2432 EAST BROADWAY
TUCSON, ARIZONA 85719
PHONE 622-0512

March 15, 1971

RECEIVED

MAR 17 1971

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
3550 N. Central Avenue, Suite 923
Phoenix, Arizona 85012

Dear Sirs:

I would like a clarification of Rule V 2 of the Rules and By-Laws of the State Board of Technical Registration adopted September 10, 1970. This Rule states that a registrant shall seal and sign drawings prepared by the registrant or his bonafide employee. Does this rule mean that an engineer should not seal and sign engineering drawings that are prepared by the Architect from the information and sketches furnished by the engineer?

I fee that the State Board of Technical Registration should clarify this rule and notify the registrants as to proper procedure to follow. Please send me your ruling, as soon as possible, for I have drawings waiting for a stamp.

Yours truly,



Dale R. Birtch

UNFINISHED BUSINESS - Cont'd.

The Executive Director reported on two registrants who had renewed their registration for 1971 and their checks had been returned for insufficient funds. After considerable correspondence with these two registrants, the office had received no reply nor money order for the outstanding checks. It was moved by Mr. Place and seconded by Mr. Wyatt that the Executive Director notify Earl R. Siddall, Land Surveyor, No. 6500, and Robert L. Armstrong, Civil Engineer, No. 2750 and Structural Engineer, No. 3026, they were delinquent and in a penalty status. Motion carried.

NEW BUSINESS

It was moved by Mr. Dryden and seconded by Dr. Newlin that any architect-member who wished to attend the meeting of the Western Conference of State Architectural Registration Boards at the Vacation Village Hotel, Mission Bay, San Diego, California, on April 23-24, 1971, be authorized to do so. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Wyatt that any engineer-member who wished to attend the Western Zone meeting of the National Council of Engineering Examiners at the North Shore Lodge, Coeur d'Alene, Idaho, on May 16-18, 1971, be authorized to do so. Motion carried.

The Executive Director submitted his letter of resignation due to accepting an appointment as Executive Secretary of the National Council of Engineering Examiners, as shown on Minute Pages 2876, 2877 and 2878.

Chairman Vanlandingham, speaking in behalf of the Board and professional organizations, accepted the Executive Director's letter with deep regrets and commended him for his outstanding job for the past years in helping to establish the Board its place in our professional societies. He also recommended to the Board that we accept his letter as written.

It was moved by Mr. Wyatt and seconded by Mr. Place that the Board accept the Executive Director's resignation as stated but with their unanimous deep regrets. Motion carried.

The Executive Director reported that he had requested an audit of the Board's records up to the date of his official termination of May 15, 1971. The Board approved this request.

Chairman Vanlandingham appointed Dr. Newlin and Mr. Wyatt to assist him as a committee in selecting a new Executive Director.

It was moved by Mr. Wyatt and seconded by Mr. Place that the following dates be approved for the next committee meetings and regular meeting of the Board. Motion carried.

April 12, 1971 - Engineering Examination Committee meeting for 9:00 A.M. April 24-26, 1971, examinations in Phoenix

Continued.....

STATE OF ARIZONA

State Board of Technical Registration

02876

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
3550 N. CENTRAL AVENUE, SUITE 923
PHOENIX, ARIZONA 85012
264.3836

March 16, 1971

Members

Arizona State Board of Technical Registration
3550 North Central Avenue, Suite 923
Phoenix, AZ 85012

Gentlemen:

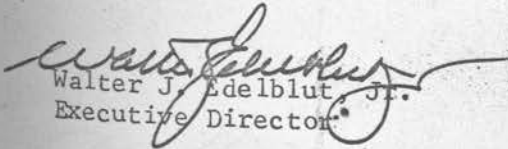
With sincere regrets I submit herewith my resignation as Executive Director of the Arizona State Board of Technical Registration to accept an appointment as Executive Secretary of the National Council of Engineering Examiners.

The effective date of the National Council appointment is March 15, 1971, however, I have entered into a supplementary agreement to waive National Council salary remuneration until the period beginning May 15, 1971, so as to allow the Arizona State Board of Technical Registration my services until that date, and respectfully request that my services to the Arizona State Board of Technical Registration officially terminate on May 15, 1971.

It is further requested that accrued leave be paid in a lump sum payment as of date of termination in lieu of accumulated leave prior to May 15, 1971.

The National Council of Engineering Examiners have further agreed that if I am allowed to be at the Clemson office for part of April, they will permit me to return to Arizona for the June meeting of the Board at NCEE expense.

Respectfully submitted,


Walter J. Edelblut, Jr.
Executive Director

WJE/js

NATIONAL COUNCIL OF ENGINEERING EXAMINERS

THE COUNCIL OF THE 55 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

Formerly National Council of State Boards of Engineering Examiners



ADDRESS REPLY TO
Box 752
Clemson, S. C.
29631

To all who shall see these presents, greeting:

That with the Board of Directors of the National Council of Engineering Examiners reposing special trust and confidence in the fidelity and abilities of

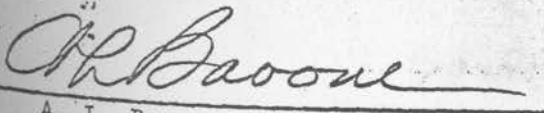
WALTER J. EDELBLUT, JR.

I do appoint him EXECUTIVE SECRETARY OF THE NATIONAL COUNCIL OF ENGINEERING EXAMINERS effective March 15, 1971.

Mr. EDELBLUT will therefore carefully and diligently discharge the duties of Executive Secretary by doing and performing all manner of things thereunto pertaining in accordance with the Constitution and By-Laws of the National Council of Engineering Examiners and as directed by the Board of Directors of the National Council of Engineering Examiners.

Given under my name at Clemson, South Carolina this fourth day of March in the year of our Lord nineteen hundred and seventy-one.

Attest:



A. L. Bavone, P.E.
President-Elect



Chester A. Arents, P.E.
President

02878



NATIONAL COUNCIL OF ENGINEERING EXAMINERS

THE COUNCIL OF THE 55 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES

Formerly National Council of State Boards of Engineering Examiners

March 10, 1971

ADDRESS REPLY TO

P. O. Box 752
Clemson, S. C.
29631

RECEIVED
MAR 15 1971
STATE BOARD TECHNICAL REGISTRATION

To: Member Boards of NCEE

Gentlemen:

Under the authority of the Board of Directors of the National Council of Engineering Examiners, I am happy to announce the appointment of Mr. Walter J. Edelblut, Jr., as our new Executive Secretary of the National Council of Engineering Examiners, effective March 15, 1971.

Mr. Edelblut comes to us with many years of experience as a P.E., being registered as a Professional Engineer in the States of Florida, North Carolina, Texas, and Arizona; and is in Arizona a Registered Architect. Being 50 years old, he has spent the past eight years as Executive Secretary of the Arizona State Board of Technical Registration.

I am sure you will enjoy working with Mr. Edelblut in the years ahead.

Most sincerely,


Chester A. Arents, P. E.
President

CAA/jac

cc: Board of Directors

NEW BUSINESS - Cont'd.

- May 11, 1971 - Architectural and Landscape Architectural
9:00 A.M. Evaluation Committees' meeting in Phoenix
- May 12, 13, & - Engineering Evaluation Committee meeting
14, 1971 in Phoenix
9:00 A.M.
- June 18, 1971 - Regular meeting of the Board in Flagstaff
9:00 A.M.

ADJOURNMENT

Chairman Vanlandingham announced that the meeting be adjourned at 12:15 P.M.


CHAIRMAN


SECRETARY

REPORT OF THE EXECUTIVE COMMITTEE

REPORT OF THE RULES & BY-LAWS COMMITTEE

REPORT OF THE LEGISLATIVE COMMITTEE

JUNE 18, 1971

The meeting of the State Board of Technical Registration was called to order by Mr. M. L. Vanlandingham, Chairman, in Room 164, Business Administration Building, Northern Arizona University, Flagstaff, Arizona, at 9:15 A.M.

PRESENT

M. L. Vanlandingham, Chairman
 Earle M. Cassidy, Vice-Chairman
 Charles W. Newlin, Secretary
 C. W. Dryden
 John Girand
 James L. Knickerbocker
 Ralph L. Wyatt
 Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

Lew Place

GUESTS

Walter J. Edelblut, Jr.
 Robert G. Wallace

Chairman Vanlandingham welcomed Mr. Robert G. Wallace to the Board as he will begin his term of membership effective June 30, 1971.

Governor Williams had also made reappointments to the Board and the following is the present membership with their expiration dates:

Charles W. Dryden	June 30, 1974
John Girand	June 30, 1973
James L. Knickerbocker	June 30, 1972
Charles W. Newlin	June 30, 1973
Lew Place	June 30, 1973
M. L. Vanlandingham	June 30, 1972
Robert G. Wallace	June 30, 1974
Ralph L. Wyatt	June 30, 1974

It was moved by Dr. Newlin and seconded by Mr. Girand that the minutes of the meeting of the Board on March 19, 1971, 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

House Bill 196 signed by the Governor and filed with the Secretary of State on April 14, 1971, was presented by Mr. Dryden and the following will become effective on August 12, 1971:

A.R.S. 32-102, Qualifications of members

Appointive members of the board shall:

1. Be at least thirty-five years of age.

Continued.....

REPORT OF THE LEGISLATIVE COMMITTEE - Continued

2. Have been a resident of the State for at least three years immediately preceding his appointment.
3. Have had at least ten years active experience as attested by registration under this chapter, EXCEPT THAT YEARS OF PRACTICE IN THE STATE MAY BE SUBSTITUTED FOR YEARS OF REGISTRATION IF A PROFESSION OR OCCUPATION TO BE REPRESENTED ON THE BOARD HAS COME UNDER THE PROVISIONS OF THIS CHAPTER WITHIN THE TEN-YEAR PERIOD IMMEDIATELY PRECEDING SUCH APPOINTMENT.

REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

Mr. Wyatt presented the Architectural Evaluation Committee meeting report of May 11, 1971, as shown on Minute Pages 2882 and 2883. It was moved by Mr. Wyatt and seconded by Mr. Cassidy that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Dr. Newlin presented the Landscape Architectural Evaluation Committee meeting report of May 11, 1971, as shown on Minute Pages 2884 through 2892. Discussion regarding paragraph IV referring to Joseph Michael Andreachi followed. It was moved by Dr. Newlin and seconded by Mr. Cassidy that this report of the Landscape Architectural Evaluation Committee meeting, except for paragraph IV, be accepted and implemented by the Board. Motion carried. It was moved by Dr. Newlin and seconded by Mr. Dryden that paragraph IV of the Landscape Architectural Evaluation Committee meeting be accepted as it is written. Motion carried with a dissenting vote by Mr. John Girand.

Mr. Knickerbocker presented the Engineering Evaluation Committee meeting report of May 12, 13 and 14, 1971, as shown on Minute Pages 2893, 2894 and 2895. It was moved by Mr. Girand and seconded by Mr. Dryden that this report of the Engineering Evaluation Committee be accepted and implemented by the Board except for the following applicants. Motion carried.

Re: Mr. Claude Archibald Luther Pilley, File #71-121, Civil Engineer, who was recommended for granting of registration in the above report, a letter received from one of his references, William F. Turney, withdrawing his endorsement, was presented. It was moved by Mr. Dryden and seconded by Mr. Cassidy that the application of Mr. Pilley be re-referred to the Engineering Evaluation Committee for further study. Motion carried with one abstention and Mr. Vanlandingham voting nay.

Re: Mr. Donald J. Supkow, File #71-66, Geologist, requested reconsideration of the Engineering Evaluation Committee's recommendation in the above report of holding him for Parts 3 and 4 of the written examination. It was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the recommendations of the Engineering Evaluation Committee regarding Mr. Supkow be reaffirmed. Motion carried.

Re: Mr. John Stephen Chitwood, Jr., File #71-103, Mining Engineer, whom the committee felt should be denied for lack of experience and needed at least two more years of experience before reapplying, wished full Board discussion on this applicant. After review of his application, it was

Continued.....

DATE: May 11, 1971

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

The Architectural Evaluation Committee met on May 11, 1971, 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:

Altay, Sakip M.	70-496	McDonald, Allen Ritchie	71-77
Amundsen, Marvin Stewart	71-88	McLane, Louis	71-91
Babcock, Fred Maxwell	71-144	Makino, Y. Tom	70-484
Beck, Charles A.	71-94	Nelson, Kenneth Emil	70-346
Clawson, John Neels	71-87	Pappageorge, Elias George	71-96
Fleming, William John	71-120	Smyrl, Bill M.	71-86
Fowler, David Lyle	71-101	Thorsen, Willard Lien	71-133
Gaddis, Norris M.	71-90	Tyson, David Thomas	71-73
Gale, Daniel Bailey	71-141	Valaitis, Egidijus Anthony	71-118
Ilg, Frederick William, Jr.	71-136	Wasserstrom, Philip	71-71
Lendrum, James Thoburn	71-100		

- 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, 1971, examinations:

Atwood, Jerry Lee	71-44	C,D,E,F,G,H,I
Barnes, Robert Earl	71-117	C,D,E,F,G,H,I
Bollinger, Walter Henry	71-97	C,D,E,F,G,H,I
Campbell, Ian Douglas (Scott)	71-76	C,D,E,F,G,H,I
Davis, Billy Joe	70-457	C,D,E,F,G,H,I
Ganos, Chris Pendarius	71-40	C,D,E,F,G,H,I

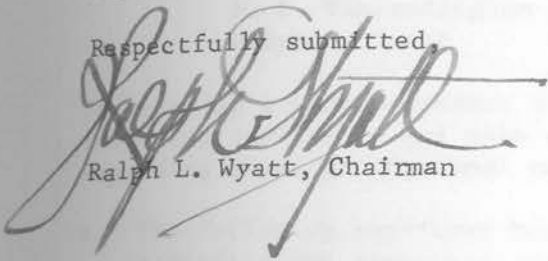
Continued.....

II. Continued

Gibbs, Perry Joseph, III	71-38	C,D,E,F,G,H,I
Lee, Hemsley Martin	71-72	C,D,E,F,G,H,I
Pal, Sukumar	71-95	C,D,E,F,G,H,I
Schiller, Samuel Allen	71-74	F
Steppe, Allan Baker	71-85	C,D,E,F,G,H,I

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

Respectfully submitted,



Ralph L. Wyatt, Chairman

Ralph L. Wyatt, Chairman

DATE: May 11, 1971

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

The Landscape Architectural Evaluation Committee met on May 11, 1971, in Phoenix, Arizona, with the following members present:

Charles W. Newlin
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:

Di Lallo, Peter Richard 71-39

- 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 this individual be held for the written examinations indicated:

Aubuchon, Norman Lee 71-98 Parts 1,2,3,4,5 June, 1971

- 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 to the Board that he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Yocum, William Eugene, III 70-307

- IV. It has come to the attention of this committee that Joseph Michael Andreach, Landscape Architect applicant #69-298, who was held for the December, 1970, written examinations, at the June 24, 1970, Board meeting, Minute Page 2703, and for which he did not appear, should be denied because of the attached complaint and the committee so recommends to the Board.

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

Respectfully submitted,

Charles W. Newlin

Charles W. Newlin, Chairman

robert swaim
architect aia

April 23, 1971

Arizona State Board of Technical Registration
3550 N. Central Avenue
Suite 923
Phoenix, Arizona 85012

RECEIVED
APR 27 1971
STATE BOARD TECHNICAL REGISTRATION

Gentlemen;

I understand that Mr. Joe Andreachi, a non-registrant, has applied for registration as a landscape architect in the state of Arizona. I recommend that his application be denied for the following reasons:

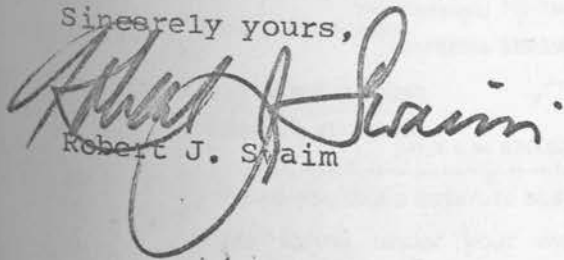
1. Violation of paragraphs 1 and 2, section 32-145, of Article 3 of the code.
2. Violation of the above provisions indicate either that he has insufficient knowledge of the code or that he is willfully circumventing its requirements.

In proof of the above statements, in addition to his verbal implication to me of his qualifications, Mr. Andreachi is listed in the July, 1970 Tucson Telephone Directory, yellow pages, page 261, under the heading Landscape Architects, as: Andreachi, Joe Landscape Architect.

On page 262, in a separate advertisement, he again refers to himself as "Joe Andreachi, Landscape Architect."

I will be pleased to answer any questions you may have.

Sincerely yours,


Robert J. Swaim

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See Women's Apparel

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Lamp Shades

See Lamps & Lamp Shades

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See Land Leveling & Clearing

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(See Advertisement This Page)

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Horizon Corp 4400EBroadway ----795-5300
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and Realty Co** 1073NCampbellAv-327-6844
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Pages.

Landscape Architects

Andreachi Joe Landscape Architect
5601EBeverly ----- 298-4325

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Lads, Hector Landscape Architect,
Planner
4025EGrantRd ----- 793-2449

Folkner Joseph S 139 N 6 Av ---- 623-6208
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robert swaim
architect aia

April 29, 1971

RECEIVED
MAY 4 - 1971
STATE BOARD TECHNICAL REGISTRATION

Arizona State Board of Technical Registration
3550 N. Central Avenue
Suite 923
Phoenix, Arizona 85012

Gentlemen;

Please refer to my letter of April 23, concerning the application for registration of Mr. Joe Andreachi as a landscape architect.

Mr. Andreachi was referred to me by a client as a landscape architect. I met with Mr. Andreachi in March and agreed to accept his services, assuming that he was properly registered, and asked him to submit a preliminary landscape design for my consideration.

I received the enclosed typed specification in the mail. Mr. Andreachi neither called me, submitted any design drawing, nor discussed any of the items on his specification with me. In my opinion, the enclosed specification, lack of a design, and failure to consult with his client does not constitute a professional service and substantiates my recommendation that his application be denied.

Please note the letters, L.A., after the name on page one. I assume that this is meant to imply qualification as a landscape architect, a willful violation of the law under which he hopes to become a registrant.

There can be no justification, in view of these facts, for approval of his application by the Board.

Sincerely yours,



Robert J. Swaim

encl.



Evergreen Landscaping Company

5601 EAST BEVERLY DRIVE
TUCSON, ARIZONA 85711
PHONE 298-4325

Joseph Andreach, L. A.
April 24, 1971

LANDSCAPE PLANTING SPECIFICATIONS

ARIZONA CHILDRENS HOME - Tucson, Arizona

01 SUMMARY

This describes performing the landscaping work.

02 LANDSCAPE PLANTING LIST

The names of the plants in this planting list conform to those given in Standardized Plant Names, prepared by the American Joint Committee on horticultural Nomenclature. The names of varieties not included therein conform generally to names accepted in the nursery trade.

<u>#</u>	<u>QUANTITY</u>	<u>SIZE</u>	<u>NAME</u>
1.	2	15 gal	Privet Tree <u>Multi</u>
2.	2	15 gal	Grecian Bay Tree
3.	1	15 gal	Loquat Tree
4.	1	15 gal	Olive Tree <u>Multi</u>
5.	8	5 gal	Gardina Veitchii
6.	5	5 gal	Burford Holly
7.	3	5 gal	Philo Sellow Lundt
8.	3	5 gal	Ancanthus
9.	3	5 gal	Myrtus Communis
10.	22	5 gal	Juniper Tam
11.	40	1 gal	Oléanda (red-white)
12.	30	1 gal	Pyracantha Tiny Tim

#	QUANTITY	SIZE	NAME	02889
13.	10	1 gal	Jasminum Floridum	
14.	8	1 flat *	Rinkusporum Asiatica	
15.	5	1 flat *	Algerian Ivy	
16.	approx. 19000 sq. ft.		Bermuda Seed Lawn Area	

Note: * 1 flat = 100 plants

03 MATERIALS

a. Topsoil shall be a natural, fertile, friable soil, possessing characteristics of the representative productive soils in the vicinity. It shall be obtained from naturally well drained areas. It shall not be excessively acid or alkaline nor contain toxic substances which may be harmful to plant growth. The topsoil shall be without admixture of subsoil and be clean and reasonable free of clay lumps, stones, stumps, roots, substances 2" or more in diameter, debris or other objects which might be a hindrance to planting operations. The topsoil shall not be delivered or used in a muddy conditions

b. Manure shall be well rotted, unleached stable or cattle manure, reasonable free of shavings, sawdust or refuse. It shall not contain any harmful materials or over 10% straw.

c. Fertilizer shall conform to the applicable state fertilizer laws, be uniform in composition, be dry and free-flowing and be delivered to the site in the original, labeled, unopened containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer which becomes caked or otherwise damaged, making it unsuitable for use, will not be accepted. It shall be a complete fertilizer, part of the elements of which are derived from organic sources, and shall contain the following percentages by weight:

Nitrogen	10%
Phosphoric acid	5%
Potash	5%

d. Lawn seed shall be Cynodon dactylon (Bermuda grass). It shall be fancy hulled seed having a purity of at least 94%, a germination of at least 88% and a weed seed content of not over 0.35%. Winter lawn seed shall be annual rye grass seed with a purity of at least 95% and a germination of at least 88%. The seed shall be fresh and clean and be "new-drop" seed. All seed shall be delivered in the original, unopened, labeled packages which shall bear a guaranteed analysis by a recognized authority.

e. Stakes for supporting the trees shall be sound redwood, of uniform size, at least 2" square or round and at least 8' long.

f. Wire for fastening the trees to the stakes shall not be lighter than 14 gage, pliable, galvanized, steel wire.

g. Hose for encasing the wires used for fastening the trees to the stakes shall be either new or used, 2-ply, reinforced rubber, garden hose.

h. All planting areas shall have a finished ground covering of Black Glacier peat moss.

04

PLANTS

The plants shall have a habit growth that is normal for the species, be sound, healthy and vigorous and be free of insects, pests, plant diseases and injuries. All plants shall equal or exceed the measurements specified in the Planting List, which are the minimum acceptable sizes. They shall be measured before pruning, with the branches in a normal position. Any necessary pruning shall be done at the time of planting. Requirements for the measurement, branching, grading and quality of plants in the Planting for the measurement, branching, grading and quality of plants in the Planting List generally follow the code of standards currently recommended by the American Association of Nurserymen, Inc., in the publication, American Standard for Nursery Stock.

05

PLANTING

1. Backfill in planting holes shall be in the proportion of one part well rotted cattle manure to four parts top soil and 20 lbs. of sulphur. The manure to be placed in the bottom half of the soil pocket and thoroughly mixed with top soil and sulphur.

2. Holes for planting trees shall be at least 5' deep and of a volume equal to a hole 5 feet in diameter and 5 feet deep. In the event that impervious caliche, rock or hardpan is encountered at a depth of more than 3 feet, a hole approximately 8' in diameter and deep enough to provide complete drainage shall be dug in the center of the 5' diameter hole. All caliche and/or rubble removed from planting holes shall be disposed of off the site.

3. Holes for planting shrubs shall be 3' in diameter and 2' in depth. Except for these dimensions, the same procedure shall be followed as specified under Items 1 & 2, except 1 lb. sulphur shall be used.

4. Hedges shall be planted in trenches two feet in width and two feet deep. Where impervious caliche, rock or hardpan is encountered above this depth, the trench shall be dug to a depth of four feet. Trenches shall be backfilled as specified in item 1, except 40 lbs. of sulphur shall be used per 100 feet of trench.

5. Areas to be planted in ground covers shall be prepared with manure and topsoil as specified in item 1, to a depth of twelve inches, except that 20 lbs. of sulphur shall be used per 100 sq. ft. of area.

Plants designated 5 gallon or 1 gallon in the planting list shall be in 5 gallon or 1 gallon containers respectively and shall not have been in the containers for such length of time as to cause a 'hardening-off' of the root system. The plants shall not be handled in such manner that they are pulled out of the container or that injury is caused to twigs and branches. Instead, they shall be removed from the container in such a way as to retain a firm, natural ball of earth of sufficient diameter and depth to encompass the root system necessary for full recovery of the plant. Any breaking or cracking of the ball shall be prevented during the planting process.

07

SAMPLES, TESTS, INSPECTIONS

The landscaping contractor shall be responsible for all certificates of inspection of plant materials that may be required by Federal, state or other authorities to accompany the shipment of the plants. The plants shall be subject to inspection and approval before they are planted. Inspection of the plants at the place of growth or upon delivery shall be for the quality, size and variety only and shall not in any way impair the right of rejection for failure to meet other requirements during the progress of the work.

08

SETTING PLANTS

The plants shall be planted in pits, be centered and be set on at least 3" of prepared soil so that the finished grade level at the plant after settlement will be the same as that at which the plant was grown. The plants shall be planted upright and be faced to give the best appearance or relationship to adjacent structures. Roots shall be spread in their normal position. All broken or frayed roots shall be cut off cleanly. The prepared soil shall be placed and compacted carefully to avoid injury to roots and to fill all voids. When the hole is nearly filled, water shall be added as necessary and be allowed to soak away. The hole shall be filled to the finished grade and be fertilized as hereinafter specified and a shallow saucer shall be formed around each plant by placing a ridge of topsoil around the outside edge of each pit. After the ground settles, additional prepared soil shall be filled in to the level of the finished grade. At mass planting, the entire area shall be treated as one saucer.

09

FERTILIZING

On completion of the backfilling of the planting pit, each plant shall be fertilized with the fertilizer specified. The fertilizer shall be applied by being evenly spread over the surface of the planting pit and be being lightly worked into the soil. It shall then be thoroughly watered.

The trees shall be supported immediately after being planted and be single staked. The wires shall be encased in hose to prevent direct contact with the bark of the trees and be placed around the trunk in a single loop. The wires shall be tightened and be kept taut by twisting the strands together. A single stake shall be placed in a few inches from the trunk of each tree and be driven vertically into the ground to a depth of 2½ to 3 feet in such manner as not to injure the roots. The trees shall be fastened at the top of the stake and midway between the top of the stake and the ground to insure proper support.

11 LAWNS

Prior to grading operations, the ground surface shall be cleaned of all stones larger than 1' in diameter, roots, cables, grade stakes, rubbish, or any other materials that might hinder proper grading and seeding of the area.

12 IRRIGATION

- a. All new water mains shall be schedule 40 PVC 2 inches (IPS)
- b. All lateral lines shall be class 160 PVC 2" to 1" (IPS)
- c. All bubblers lines shall be schedule 40 PVC 3/4 inch (IPS)
- d. All bubblers shall be Buckner Heads # B-2
- e. All sprinkler heads shall be Moody Heads # 30 P E
- f. All valves shall be Moody Valves #452-D 24 volt
- g. Automatic controller shall be Rain-o-mat D_10-EW 24 volt
- h. All sprinkler and bubbler risers shall be galvanized wing joints
- i. All sprinkler pipe shall have an earth covering of 6 inches.
- j. All bubbler pipe shall have an earth covering of 10 inches.
- k. All main line pipe shall have an earth covering of 12 inches.

13 Estimated Cost

Landscaping	-----	\$ 4000.00
Irrigation	-----	\$ 2800.00
Total Estimated Cost	-----	\$ 6800.00

Joseph Andreachi
Joseph Andreachi
298-4325

DATE: May 14, 1971

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

The Engineering Evaluation Committee met on May 12, 13, and 14, 1971, in Phoenix, Arizona, with the following members present:

C. W. Dryden James L. Knickerbocker
 John Girand Charles W. Newlin

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:

- 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:

CHEMICAL ENGINEERING

Edlin, Frank Edward 71-108

CIVIL ENGINEERING

Barney, Kline Porter, Jr. 71-126
 Barry, Terrance Kelly 71-36
 Bennett, Albert I. 71-54
 Bennett, Newcomb Benjamin, Jr. 71-92
 Bicket, John Albert 71-127
 Bussell, Guy Arthur 71-28
 De Groff, James Edwin 71-59
 Demery, Thomas R., Jr. 71-130
 Denney, Fred N. 71-56
 Djuvik, Carl 71-67
 Jacobsen, Charles Andrew 71-112
 Knutson, Leonard Gerald 71-104
 McGill, John Monroe 71-113
 MacDorman, Littleton Corbin 71-26
 Mannes, Arnie Earl 70-494
 Migrock, Thomas Donald 71-49
 Parsons, Irvin Glen 71-55
 Pilley, Claude Archibald 71-121
 Richardson, William H. 71-106
 Roberts, Glen Eldon 71-35
 Rosenberg, Donald G. 71-23
 Salkin, Samuel 71-122
 Smith, Herman E. 71-32
 Smith, Otto Neil 71-83
 White, Robert Lewis 71-105
 Winston, Robert Furber 71-70
 Yarborough, Keith Ainsworth 71-93
 Zimbelman, Darell Dean 71-60

ELECTRICAL ENGINEERING

Galat, John Richard 71-27
 Gee, Louis Stark 71-110
 Gensler, William George 71-20
 Hansbrough, David Lee 71-31
 Heidrick, Harold Harding 71-123
 Medved, Mark Paul 71-81
 Owens, John Joseph 71-57
 Stuhl, Theodore J. 71-68
 Zerwer, Arthur Lee 71-64

GEOLOGICAL ENGINEERING

Baskin, Leon 71-24

MECHANICAL ENGINEERING

Friggens, Robert Paul 71-65
 Gee, Louis Stark 71-111
 Huntington, Roland Lee 71-5
 Medved, Mark Paul 71-82
 Olson, Benjamin Farr 71-75
 Popham, Richard Robert 70-436
 Pyne, James Arthur, Jr. 71-131

MINING ENGINEERING

Graham, John Donald 71-107

STRUCTURAL ENGINEERING

Nasser, Andrew Richard 71-125

GEOLOGY

Bryant, Donald Glassell 71-129

LAND SURVEYING

Radig, Elmer G. 70-460

- 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, 1971, written examinations:

CIVIL ENGINEERING

Barrios, Frank Martin	71-22	Parts 3 and 4
Dryden, Charles Wyatt	71-138	Parts 3 and 4
Dunlap, Barry Allen	71-53	Parts 1, 2, 3 and 4
Gerke, David Allen	71-25	Parts 3 and 4
Morrison, Robert Geoffrey	71-37	Parts 1, 2, 3 and 4
Tankersley, Earl Lynn	71-46	Parts 3 and 4

ELECTRICAL ENGINEERING

Brown, Wayne Russell	71-33	Parts 3 and 4
Cracker, William Felice, Jr.	70-482	Parts 3 and 4
Frautnick, Arnold Carl	71-128	Parts 3 and 4
Martin, Leonard Sebastian	71-114	Parts 3 and 4
Peer, Daniel David	71-51	Parts 3 and 4
Steinbrenner, Gerhard	71-21	Parts 3 and 4

INDUSTRIAL ENGINEERING

Wildensten, Charles Kemplin	71-132	Parts 3 and 4
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MECHANICAL ENGINEERING

Galvin, James Leonard	71-34	Parts 3 and 4
Miller, Harold Lee	71-80	Parts 3 and 4
Mondero, John Francis	71-116	Parts 1, 2, 3 and 4

STRUCTURAL ENGINEERING

Campbell, Regis Ignatius	71-102	Parts 5 and 6
Eudaley, Aaron Marcus	71-109	Parts 5 and 6
Goff, Ralph Emery	71-58	Parts 5 and 6
Schoeller, Wilbur Charles	71-63	Parts 5 and 6
Veikos, John Nicholas	71-124	Parts 5 and 6

GEOLOGY

Supkow, Donald James	71-66	Parts 3 and 4
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LAND SURVEYING

Rodriguez, Fred	70-448	Parts 1, 2, 3 and 4
Smith, Howard Hughes	70-285	Parts 1, 2, 3 and 4
Williams, Jerry Carl	71-30	Parts 1, 2, 3 and 4

- III. The following applicant appeared before the committee and requested that his application be withdrawn and the committee recommends to the Board that he be denied with neither prejudice nor refund per his request:

Fox, Robert C.	71-78	Geological Engineer
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REPORT OF THE REGULATION & EXAMINATION COMMITTEE

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 to the Board that he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Novikoff, George Victor 70-441 Civil Engineer

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

Respectfully submitted,

James L. Knickerbocker
James L. Knickerbocker, Chairman

Mr. Novikoff, who is applying for architectural registration, was advised by Mr. Knickerbocker and Mr. Myatt that the Board's consideration of his application should be suspended as per. It was noted by Mr. Knickerbocker that Mr. Novikoff's application was referred to the Architectural Registration Committee. Motion carried.

The Engineering Examination Committee's report on Mr. Novikoff's application was presented for the Board's consideration on April 1, 1971, as shown on Minutes Pages 2897 through 2904. Mr. Knickerbocker and seconded by Mr. Myatt that the grade be suspended. Motion carried.

Mr. Novikoff's final personal audience analysis was presented for the Board's consideration on April 1, 1971, as shown on Minutes Pages 2905 and 2906. Mr. Knickerbocker and seconded by Mr. Myatt that the following grade be imposed for failure to complete the written examinations as required within a reasonable length of time. Motion carried.

	70-71	Engineer-In-Training
	69-113	Civil Engineer
	70-79	Engineer-In-Training
	69-114	Engineer-In-Training
	70-118	Structural Engineer
	68-26	Steel Engineer
	70-15	Structural Engineer
	70-25	Engineer-In-Training
	69-116	Mechanical Engineer
	69-117	Electrical Engineer
	70-61	Geologist
	70-80	Structural Engineer
	70-88	Geologist
	69-111	Civil Engineer
	70-87	Electrical Engineer
	68-237	Civil Engineer
	70-161	Structural Engineer
	69-118	Electrical Engineer
	70-119	Engineer-In-Training
	70-97	Engineer-In-Training

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

moved by Mr. Dryden and seconded by Mr. Girand that Mr. Chitwood be denied for insufficient experience to qualify him for consideration of registration as a Mining Engineer. Motion carried.

Re: Mr. Roy Austin Kenna, File #70-416, Industrial Engineer, the committee requests full Board discussion. After review by the Board of Mr. Kenna's application, it was moved by Dr. Newlin and seconded by Mr. Cassidy he be held for the December, 1971, written examinations in Parts 3 and 4. Motion carried. It was moved by Dr. Newlin and seconded by Mr. Dryden that the applicant be advised he may have the opportunity to take Parts 1 and 2 of the examination because if he applies somewhere else, it may be required. Motion carried.

Re: Mr. Stephen Gordon Hurley, File #71-29, appeared at the Evaluation meeting and requested to change his proficiency from Structural to Civil Engineer. His new application for civil engineering was received with favorable recommendations from the references. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that Mr. Hurley be granted registration in Civil Engineering. Motion carried.

Re: Mr. Joseph Stanley Wiater who is applying for architectural registration was presented by Mr. Wyatt and he requested the Board's consideration of whether his application should be accepted or not. It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that Mr. Wiater's application be referred to the Architectural Evaluation Committee. Motion carried.

Mr. Knickerbocker presented the Engineering Examination Committee's report on the examinations given in April, 1971, as shown on Minute Pages 2897 through 2904. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the grades as shown be so certified. Motion carried.

Dr. Shirley N. Fahey's final personal audience analysis was presented for the Board's information, as shown on Minute Pages 2905 and 2906.

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

Ammann, David W.	70-23	Engineer-in-Training
Babcock, Ross E.	69-133	Civil Engineer
Barraza, Frank F.	70-59	Engineer-in-Training
Comprini, Gary E.	70-54	Engineer-in-Training
Djordjevic, Vlastimir	70-118	Structural Engineer
Doolittle, Russell Comber, Jr.	68-24	Civil Engineer
Hall, Robert Clarence, Jr.	70-55	Structural Engineer
Hogins, R. Benjamin, Jr.	70-25	Engineer-in-Training
McCulloch, Gordon James	69-366	Mechanical Engineer
Moore, Burney Joe	69-43	Electrical Engineer
Morley, Earl Robert, Jr.	70-63	Geologist
Nedell, Robert Samuel	70-50	Structural Engineer
Nelson, Eugene Allan	70-44	Geologist
Nolan, Michael Earl	68-141	Civil Engineer
Richardson, Robert	70-57	Electrical Engineer
Scavo, Anthony	68-277	Civil Engineer
Sullivan, Warrent Ernest	70-361	Structural Engineer
Sutter, Kenneth Dwight	69-316	Electrical Engineer
Swengel, Stanley Kennedy, Jr.	70-116	Engineer-in-Training
Woolsoncroft, Howard Lee	70-97	Engineer-in-Training

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>CHEMICAL ENGINEERING</u>						
70-407	Kopisch, LeRoy Charles	75	70	F	P	1,2
70-379	Scott, Robert Bruce	Ex	Ex	F	F	
<u>CIVIL ENGINEERING</u>						
*70-11	Backus, Richard I.	P	P	P	70	4
*70-139	Baker, Claude Varney	Ex	Ex	78	70	3,4
70-473	Bailey, Edwin Densley	Ex	Ex	F	70	4
70-371	Bain, Bill Ross	P	P	F	70	4
70-400	Baldwin, John Frank	Ex	Ex	F	F	
70-64	Beene, John Martin	F	F	F	F	
70-58	Bertella, Guido Joseph	F	F	F	P	
*69-293	Bhandusavee, Choosin	Ex	Ex	77	P	3
69-240	Bostick, Charles T.	Ex	Ex	F	F	
69-368	Covington, Edward B.	F	F	F	P	
70-311	Dalrymple, Guerry M.	F	F	F	F	
63-489	Delaney, John Leo	Ex	Ex	F	P	
70-488	Easter, Jene Albert	F	F	F	F	
69-170	Estes, Leon Dean	Ex	Ex	70	F	3
70-406	Eychner, Richard M.	F	F	F	P	
68-266	Frazier, Wilfred D.	Ex	Ex	F	P	
*68-221	Friedson, Harvey	P	P	P	70	4
*70-223	Gatlin, Clifford I.	Ex	Ex	78	70	3,4
*68-274	Iannella, George C.	Ex	Ex	85	P	3
*70-319	Lacey, Stanley	Ex	Ex	75	P	3
67-247	Lowe, Archie Benjamin	F	70	75	F	2,3
*69-214	McKee, Ford Osborne	P	P	P	70	4

Continued.....

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
CIVIL ENGINEERING - Cont'd.						
69-410	Mathein, Fredrick J.	F	F	F	F	
67-322	Newton, Thomas Monroe	P	P	F	P	
70-30	Nickles, Andrew Leland	P	P	71	P	3
70-304	Nowak, Leonard William	Ex	Ex	F	70	4
70-279	Orrahood, John Emerson	P	P	P	80	4
70-465	Paddock, Francis C., Jr.	P	P	F	F	
70-427	Park, Ollie Donahue	P	P	76	80	3,4
71-8	Patch, Chester J., III	Ex	Ex	F	80	4
66-127	Raymo, William James	P	P	F	P	
70-295	Rodriguez, John Edward	P	P	F	80	4
69-217	Roose, James Frederick	Ex	Ex	F	P	
69-80	Ruiz, Roberto Corona	P	P	F	P	
70-363	Rupe, Robert William	P	P	F	F	
70-51	Salmon, Michael Dumont	Ex	Ex	80	70	3,4
71-11	Shirley, George E.	P	P	F	70	4
*70-466	Slocum, Charles Wayne	P	P	75	80	3,4
70-328	Smith, Delbert Dale	Ex	Ex	F	F	
61-96	Smith, Robert H.	P	P	F	P	
70-332	Thompson, Robert G.	Ex	Ex	F	F	
67-257	Vezzetti, Michael J.	Ex	Ex	F	P	
68-345	Webb, Paul Thomas, Jr.	Ex	Ex	F	F	
70-2	Wilson, Michael J.	P	P	75	F	3
70-369	Wisser, Gerhard Karl	P	P	P	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
71-7	Womack, David Paul	Ex	Ex	F	70	4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>ELECTRICAL ENGINEERING</u>						
70-511	Baur, Mason Herbert	Ex	Ex	Ex	F	
70-123	Chartier, Everette E.	Ex	Ex	77	F	3
*70-274	Cummings, Arthur B.	P	P	87	100	3,4
68-140	Dubin, Thomas	Ex	Ex	F	P	
70-85	Grommes, William K.	P	P	F	F	
*70-392	Hatchett, John Dee	Ex	Ex	100	90	3,4
71-4	Howard, Charles Colin	F	F	F	F	
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
*70-414	Miller, Olin D.	75	75	100	90	1,2,3,4
68-224	Murphy, William P.	Ex	Ex	F	F	
69-206	Paul, Dennis Lee	Ex	Ex	P	F	
70-170	Sims, Lee Leon	P	P	F	70	4
70-324	Winter, Terry Mac	P	P	77	F	3

GEOLOGICAL ENGINEERING

70-42	Greene, Donald K.	Ex	Ex	F	F	
70-226	Youell, James Robert	73	F	F	75	1,4

HIGHWAY ENGINEERING

68-21	Cantrell, Harvey G.	F	F	F	P	
66-239	Collon, William P.	Ex	Ex	F	P	
66-295	Evans, James Marshall	Ex	Ex	F	P	
*68-25	Horne, William Henry	P	P	77	P	3
67-129	Howard, Robert L.	Ex	Ex	F	P	
67-183	Lansdon, Horace G., Jr.	Ex	Ex	F	P	
*69-243	Lohr, John Louis	74	70	P	P	1,2
*70-276	McFadden, Gene Raymond	P	P	72	P	3

Continued.....

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>HIGHWAY ENGINEERING - Cont'd.</u>						
66-144	Minter, Charles B.	Ex	Ex	F	P	
70-60	Ohnleiter, Robert F.	F	F	F	F	
70-413	Patty, John Harlan	F	F	F	70	4
69-37	Rogers, William Brant	F	F	F	F	
67-132	Ryan, Seymour William	Ex	Ex	F	P	
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	F	

MECHANICAL ENGINEERING

*69-277	Aymar, Arthur Anthony	Ex	Ex	72	P	3
70-348	Bassett, Robert Lee	F	F	F	P	
67-167	Clayton, Orley John	F	74	P	P	2
*70-297	Cooper, Frank W., Jr.	Ex	Ex	85	80	3,4
*70-449	Dahnke, Frederick A.	Ex	Ex	75	80	3,4
70-432	Miller, Marion Edward	F	F	F	F	
70-184	Miller, Robert Carson	F	70	F	P	2
*69-268	Northon, Francis E.	P	P	80	70	3,4
*70-492	Schwimmer, Ray Alan	Ex	Ex	78	70	3,4
70-275	Stewart, Avery L.	Ex	Ex	72	F	3
71-3	Utley, Wallace Ralph	Ex	Ex	70	F	3
*65-169	Wellington, Charles K.	P	P	80	P	3

MINING ENGINEERING

*70-451	O'Neill, Thomas J.	Ex	Ex	95	95	3,4
70-232	Stout, Donald Clinton	P	P	F	P	

NO.	NAME	Part	Part	Part	Part	Part	Part	Passed
		I	II	III	IV	V	VI	
<u>STRUCTURAL ENGINEERING</u>								
*70-197	Baker, Claude Varney	Ex	Ex	78	70	P	85	3,4,6
*70-145	Hanson, George C.	Ex	Ex	Ex	Ex	88	81	5,6
*70-239	Hollingsworth, Erwin D.	Ex	Ex	Ex	Ex	75	70	5,6
*70-506	Holt, Randolph Errett	Ex	Ex	Ex	Ex	81	74	5,6
*70-360	Hunt, Norman Kennedy	P	P	P	P	92	73	5,6
*71-1	Stevson, Ellwood K.	Ex	Ex	Ex	Ex	91	75	5,6
*70-315	Surface, Donald E.	Ex	Ex	Ex	Ex	89	79	5,6
70-107	Tucker, Wayne	P	P	P	P	P	F	
70-483	Werber, Daniel	Ex	Ex	Ex	Ex	78	F	5
70-422	Wood, William S.	Ex	Ex	Ex	Ex	F	F	

NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>GEOLOGY</u>						
*70-480	Schmidt, Kenneth Dale	Ex	Ex	84	95	3,4

LAND SURVEYING

68-256	Beilmann, James J., Jr.	F	F	DNA	P	
70-129	Bridges, James Peyton	71.5	F	P	P	1
70-68	Caraway, Cross M., Sr.	F	F	P	83	4
70-289	Hendrix, Robert	F	F	F	78	4
70-467	Jensen, Lynn Howard	F	F	71.5	80	3,4
69-123	Jones, James David	P	F	P	P	
70-383	Knighten, Howard H., Jr.	F	F	F	87	4
70-302	Maas, N. Bradley	F	F	F	80	4
70-124	Ott, Wallace Robert	F	F	P	P	
*70-259	Quay, J. H.	Ex	Ex	87	80	3,4
*69-325	Rikard, Kenneth Ray	Ex	Ex	P	87	4
*70-336	Rollins, Francis A.	P	71.4	P	P	2

Continued.....

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>LAND SURVEYING - Cont'd.</u>						
69-177	Shields, Phillip K.	P	F	P	P	
70-298	Shoun, Howard Wilmer	P	F	P	P	
70-238	Stinard, Donald Irving	F	F	P	P	
69-77	Torres, Alfonso	P	F	P	F	
						$\frac{6}{243}$

<u>ENGINEER-IN-TRAINING</u>		Grade
71-62	Acker, Keith W.	F
71-50	Acorn, William Raymond	90
71-63	Alaux, Michael Lewis	78
71-61	Alexander, James A.	F
71-29	Alster, Christopher	79
71-52	Anderson, Robert L.	F
71-11	Arlig, Patricia Ann	70
71-58	Averill, Samuel J.	70
71-41	Beydler, Terry Eugene	F
68-1	Bitterli, Robert John	F
71-26	Black, Paul Neal	70
71-7	Breig, Daniel Paul	85
71-12	Bridges, James Wilmer	78
70-108	Brooks, Jerry Wayne	F
71-51	Campion, Nick Decimo	F
71-55	Carnes, Mark L.	70
70-80	Coe, John Ellis	72
71-37	Collum, Patrick Mason	83
71-54	Cooper, Howard M.	70
71-64	Coppola, Eugene George	71
71-45	Coughlin, William I.	72

21 x 2 = 42

Continued.....

ENGINEER-IN-TRAINING - Cont'd.		Grade
71-42	Cox, John Timothy	F
71-14	D'Agostino, Edward John	F
71-25	Donaldson, Thomas W.	83
71-60	Eichenauer, Eric Quddus	73
71-23	Fedock, Joseph John	71
70-13	Fink, James Brewster	F
71-1	Fuller, Jerry Douglas	74
71-47	Garchar, Ronald E.	84
71-53	Gommel, John Roger	75
69-1	Green, Donald E.	F
71-36	Hall, Harold Eugene	F
71-44	Haynie, Timothy Ewing	F
71-65	Hill, James Robert	83
71-16	Homes, Richard Lee	71
69-21	Hood, Douglas E.	F
71-20	Hutchison, Timothy Winfield	70
71-40	Irwin, Don L.	70
71-6	Johnson, George Bryan	70
71-57	Kaiser, Richard Lawrence	F
71-66	Kirchner, John Henry	70
71-30	Knight, Robert A.	81
71-13	Laubach, Karl Louis	74
71-24	Lawson, John Ellis, Jr.	F
71-39	Lisac, James Matthew	F
71-38	Louis, John L.	F
71-56	Loyd, John Charles	83
71-31	Lungren, Randolph William	81

Continued.....

ENGINEER-IN-TRAINING - Cont'd.	Grade
71-32 McCarthy, William F.	F
66-44 McCassalin, Wade L.	F
71-21 Mackey, Charles Everett	F
70-90 Mahnke, Stephen A.	F
71-46 Neary, Dennis David	83
71-48 Nishioka, Teruo	F
71-35 Olson, Leslie Frank, Jr.	F
71-17 Pavone, Anthony	80
71-27 Peterson, Peter Louis	73
71-19 Rabb, David T.	73
69-69 Rawlings, Wayne E.	F
71-22 Redmond, Michael Winton	75
71-10 Richardson, Duncan C.	70
71-28 Roberts, S. Von	F
71-49 Shenfield, Gary	84
70-111 Shields, Paul Gregory	F
71-5 Shweid, Gary Bruce	81
71-34 Stover, John S.	73
71-67 Tantraphol, Boonrut	76
70-21 Thomas, Ronald R.	70
71-4 Thomas, Ronald Raymond	77
71-2 Tom, Belle Karen	70
71-33 Truitt, Darrell Dee	78
70-114 Willey, James C.	70
71-43 Wozniak, Thomas Carl	F

SHIRLEY N. FAHEY, PH.D.
PSYCHOLOGIST
618 HARVARD DRIVE
TUCSON, ARIZONA 85710

APRIL 14, 1971

RECEIVED

APR 19 1971

STATE BOARD TECHNICAL REGISTRATION

WALTER J. EDELBLUT, JR.
EXECUTIVE DIRECTOR
STATE BOARD OF TECHNICAL REGISTRATION
3550 NORTH CENTRAL AVENUE, SUITE 923
PHOENIX, ARIZONA 85012

DEAR MR. EDELBLUT:

ENCLOSED IS THE TABLE OF CORRELATIONS FOR THE FEBRUARY, 1971 TEST PERIOD. THE TABLE ALSO INCLUDES THE CORRELATIONS FOR THE COMBINED AUGUST-NOVEMBER TEST PERIODS FOR COMPARISON PURPOSES. ITEMS WHICH WERE CHANGED FOR THE FEBRUARY, 1971 TEST PERIOD ARE MARKED WITH AN ASTERISK.

BECAUSE I DO NOT KNOW THE REASONS FOR THE CHANGES THAT WERE MADE FOR THE FEBRUARY TEST PERIOD, I FIND IT VERY DIFFICULT TO SUGGEST INTERPRETATIONS OR CHANGES. THEREFORE, I WOULD SUGGEST THAT YOU EXAMINE THE CORRELATIONS AND THE PATTERN OF RIGHT AND WRONG ANSWERS (AVAILABLE ON THE ENCLOSED COMPUTER PRINT-OUT) FOR THE VARIOUS TEST ITEMS. I WOULD BE MOST HAPPY TO DISCUSS THE RESULTS OF THE FEBRUARY TESTING WITH YOU WHENEVER YOU ARE IN TUCSON, OR BY MAIL IF YOU WISH TO WRITE.

SINCERELY,

Shirley N. Fahey
SHIRLEY N. FAHEY, PH.D.

ENCLOSURES

Shirley N. Fahey
April 14, 1971

STATE BOARD OF TECHNICAL REGISTRATION
PERSONAL AUDIENCE EXAMINATION ANALYSIS
FEBRUARY, 1971

CORRELATIONS (r_B)

<u>QUESTION NUMBER</u>	<u>COMBINED V & VI</u>	<u>FEB, 1971 VII</u>
1	-16	01
2	04	*33
3	16	*14
4	14	*18
5	26	*27
6	38	*95
7	13	00
8	22	*08
9	32	53
10	24	07
11	08	07
12	00	09
13	40	31
14	13	*10
15	-06	*19
16	06	04
17	53	*24
18	12	29
19	10	*09
20	35	*24

*Revised item

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.

Brian, Jack R.	70-61	Engineer-in-Training
Brown, Lester Robinson, Jr.	70-455	Mining Engineer
Howes, Leslie Dennis	69-201	Mechanical Engineer
Keagan, Edmund Francis	68-326	Civil Engineer
Killingstad, Rolf Taylor	71-48	Structural Engineer
Luecke, Walter Theodore	70-495	Architect
Lusich, George Jerry	70-424	Civil Engineer
McLaughlin, Herbert Paul	70-508	Architect
Mahaffey, Orville Freemon	69-402	Highway Engineer
Reeves, Clark M.	71-7	Architect-in-Training
Wagner, Paul W.	71-11	Architect-in-Training

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

ARCHITECTURE

Altay, Sakip M.	7917
Amundsen, Marvin Stewart	7918
Babcock, Fred Maxwell	7919
Beck, Charles A.	7920
Clawson, John Neels	7921
Fleming, William John	7922
Fowler, David Lyle	7923
Gaddis, Norris M.	7924
Gale, Daniel Bailey	7925
Ilg, Frederick William, Jr.	7926
Lendrum, James Thoburn	7927
McDonald, Allen Ritchie	7928
McLane, Louis	7929
Makino, Y. Tom	7930
Nelson, Kenneth Emil	7931
Pappageorge, Elias George	7932
Smyrl, Bill M.	7933
Thorsen, Willard Lien	7934
Tyson, David Thomas	7935
Valaitis, Egidijus Anthony	7936
Wasserstrom, Philip	7937

CHEMICAL ENGINEERING

Edlin, Frank Edward	7938
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CIVIL ENGINEERING

Backus, Richard Irving	7939
Baker, Claude Varney	7940
Barney, Kline Porter, Jr.	7941
Barry, Terrance Kelly	7942
Bennett, Albert I.	7943
Bennett, Newcomb Benjamin, Jr.	7944
Bhandhusavee, Choosin	7945
Bicket, John Albert	7946

CIVIL ENGINEERING - Cont'd.

Bussell, Guy Arthur	7947
De Groff, James Edwin	7948
Demery, Thomas R., Jr.	7949
Denney, Fred N.	7950
Djuvik, Carl	7951
Friedson, Harvey	7952
Gatlin, Clifford Irving	7953
Hurley, Stephen Gordon	7967
Iannella, George C.	7954
Jacobsen, Charles Andrew	7955
Knutson, Leonard Gerald	7956
Lacey, Stanley	7957
McGill, John Monroe	7958
McKee, Ford Osborne	7959
MacDorman, Littleton Corbin	7960
Mannes, Arnie Earl	7961
Migrock, Thomas Donald	7962
Nickles, Andrew Leland	7963
Orrahood, John Emerson	7964
Park, Ollie Donahue	7965
Parsons, Irvin Glen	7966
Richardson, William H.	7968
Roberts, Glen Eldon	7969
Rosenberg, Donald G.	7970
Salkin, Samuel	7971
Salmon, Michael Durmont	7972
Slocum, Charles Wayne	7973
Smith, Herman E.	7974
Smith, Otto Neil	7975
White, Robert Lewis	7976
Winston, Robert Furber	7977
Yarborough, Keith Ainsworth	7978
Zimbelman, Darell Dean	7979

Continued.....

ELECTRICAL ENGINEERING

Cummings, Arthur Barry	7980
Galat, John Richard	7981
Gee, Louis Stark	7982
Gensler, William George	7983
Hansbrough, David Lee	7984
Hatchett, John Dee	7985
Heidrick, Harold Harding	7986
Medved, Mark Paul	7987
Miller, Olin D.	7988
Owens, John Joseph	7989
Stuhl, Theodore J.	7990
Zerwer, Arthur Lee	7991

GEOLOGICAL ENGINEERING

Baskin, Leon	7992
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HIGHWAY ENGINEERING

Horne, William Henry	7993
Lohr, John Louis	7994
McFadden, Gene Raymond	7995

MECHANICAL ENGINEERING

Aymar, Arthur Anthony	7996
Cooper, Frank William, Jr.	7997
Dahnke, Frederick August	7998
Friggens, Robert Paul	7999
Gee, Louis Stark	8000
Huntington, Roland Lee	8001
Medved, Mark Paul	8002
Northon, Francis Edwin	8003

MECHANICAL ENGINEERING - Cont'd.

Olson, Benjamin Farr	8004
Popham, Richard Robert	8005
Pyne, James Arthur, Jr.	8006
Schwimmer, Ray Alan	8007

MINING ENGINEERING

Graham, John Donald	8008
O'Neil, Thomas Joseph	8009

STRUCTURAL ENGINEERING

Baker, Claude Varney	8010
Hanson, George Charles	8011
Hollingsworth, Erwin Dean	8012
Holt, Randolph Errett	8013
Hunt, Norman Kennedy	8014
Nasser, Andrew Richard	8015
Stevson, Ellwood Kenneth	8016
Surface, Donald Eugene	8017

GEOLOGY

Bryant, Donald Glassell	8018
Schmidt, Kenneth Dale	8019

LANDSCAPE ARCHITECTURE

Di Lallo, Peter Richard	8020
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LAND SURVEYING

Quay, J. H.	8022
Radig, Elmer G.	8021
Rikard, Kenneth Ray	8023
Rollins, Francis A.	8024

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

ENGINEER-IN-TRAINING

Alaux, Michael Lewis	958	Langford, William Dean	969
Arlig, Patricia Ann	959	Laubach, Karl Louis	970
Bleier, Paul	960	Loeser, Cary Arnold	971
Bridges, James Wilmer	961	McDowell, Robert Garrett, Jr.	972
Coe, John Ellis	962	Neary, Dennis David	973
Gabler, William Havard	963	Pavone, Anthony	974
Grenier, David Allen	964	Richardson, Duncan C.	975
Haskell, Clarence Gordon, Jr.	965	Stover, John S.	976
Homes, Richard Lee	966	Tantraphol, Boonrut	977
Johnson, George Bryan	967	Thomas, Ronald Raymond	978
Knight, Robert A.	968	Weech, James Lance	979

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that the following applicants for in-training certification having been certified by the Deans of College of Engineering, under Rule II.C.6, be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Chasey, Allan Dee	980
Delp, John N.	981
Muncy, A. Nelson	982

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Report by Arizona delegate, Joyce Smith, of attendance to the Western Zone of the National Council of Engineering Examiners annual meeting in Coeur d'Alene, Idaho, on May 17-18, 1971, as shown on Minute Pages 2910, 2911 and 2912, was presented for the Board's information.

REPORT OF THE BUDGET COMMITTEE

Mr. Cassidy reported that his committee had held no meeting in order to review the 1972-73 preliminary budget studies, and requested Mr. Drewry to amplify on the preliminary budget studies he had prepared.

At this time, Mr. Drewry presented the Cash Flow Report #4, as shown on Minute Page 2913, and pointed out the fact that since our predicted expenses for June would exceed the appropriated monies allowed, he had requested an opinion from the Attorney General's office in order that the deficit amount shown could be drawn from the reserve fund. He stated that at the time of the meeting, the opinion had not yet been received from the Attorney General. Mrs. Stirley Cantor, Assistant Attorney General, stated she would suggest to Mr. Fred Stork, the Assistant Attorney General who was to answer our request for the opinion, that a favorable opinion could be written by referring to A.R.S. 32-106 (D and E).

In referring to Cash Flow Report #4, Mr. Cassidy explained to the Board how the deficit had occurred, such as the amount paid to Data Processing Service of the State Department of Finance which had not been budgeted, the two Executive Director's salaries and the increase in examination preparation and grading services. Therefore, he felt no blame could be laid to the administration duties of the office because of these unexpected expenses.

It was moved by Mr. Girand and seconded by Mr. Cassidy that the preliminary budget studies for 1972-73 be referred to the Budget Committee for their review with the Chairman calling a special meeting for an appropriate time in order to permit the office to file same with the Commissioner of Finance as required by September first. Motion carried.

The Board then went into Executive Session to discuss the salary for the Executive Director for Fiscal Year 1971-1972. At the conclusion of this executive session, it was moved by Dr. Newlin and seconded by Mr. Knickerbocker that the Executive Director to be in the same salary given to us June 10, 1971, as grade 10, step 4, in the amount of \$16,538.00, for fiscal year 1971-72. Motion carried.

WESTERN ZONE, NATIONAL COUNCIL OF
ENGINEERING EXAMINERS ANNUAL
MEETING, COEUR d'ALENE, IDAHO

May 17 - 18, 1971

After the preliminaries of opening the meeting, President Chester A. Arents advised the Western Zone members that one of the recommendations for the Annual Meeting in San Juan, Puerto Rico, would be to shorten the annual meeting from Monday through Wednesday instead of Sunday through Friday for subsequent annual meetings.

Another suggestion for the annual meeting was not to have off-shore meetings but to centralize the location for same. Also, the members of the Western Zone would appreciate knowing the dates and location at least five to ten years in advance for budgetary reasons.

The Executive Secretary reported on the increase of the national examinations as follows:

April, 1970, EIT exams - 7,000	April, 1970, PE exams - 3,400
April, 1971, EIT exams - 12,000	April, 1971, PE exams - 5,800

He also reported there were approximately 4,100 national engineering certificates issued to date.

He reported that the council was financially in good shape from the above fees which were collected for these services.

Regarding the relocation of the National Office, careful study will have to be made before a move would be considered.

Past President Allen discussed the various committees as outlined in the National Proceedings. He suggested that the members of each Zone should let the Director of that Zone know what members would like to serve on the National Committees.

Past President Allen as Chairman of the Nominating Committee advised that the President-Elect for the 1971 annual meeting would come from the Southern Zone and the recommendation by the committee to be made at this meeting for President-Elect was Roy T. Sessums from Louisiana. He advised that the President-Elect for the 1972 meeting will come from the Western Zone.

Mr. Ochs of the Colorado Board reported for O. O. Phillips, Chairman of the Uniform Laws and Procedures Committee. He advised that the synopsis had been brought up to date for the first time in six years. Mr. Phillips plans to up date the synopsis every year and requests each Board to please advise him of any changes in their respective laws.

Mr. S. M. Barton, Chairman of the Joint International Committee with CCPE, reported this committee was to maintain a liaison between the Canadian Council of Professional Engineers and other foreign engineering councils. This committee meets with the Canadian Council, even years in United States and odd years in Canada. The next meeting will be June 4-5 in Nova Scotia. Mr. Barton introduced Mr. Bill Hall, Registrar of the British Columbia Council.

Mr. Hall advised that the requirements for registration in Canada was the applicant who was a graduate of an accredited university would take a 30-hour examination at that time and after two years of practical experience would then be granted professional registration without further examination. Minimum age for professional registration is 23 years. If an applicant was not a graduate of an accredited school he would be required to take the examination per the syllabus.

Mr. R. W. Millard, Chairman of the Land Surveying Committee, reported on the progress of the committee since the annual meeting in Chicago when the model law for land surveyors was presented and at which time the model law was Chapter One and the land surveying law was Chapter 2. The convention at that time did not approve of Chapter 2 and the land surveying committee was charged with the Joint Board Model Law. He outlined the new proposed Joint Board Model Law which would be presented at the annual meeting in San Juan. He reported on the information secured from the various Boards as to the number of hours required for the examination individually and the results on a national basis were:

27 states (56%)	- 16 hour examinations	
1 state	- 13 hour	"
2 states	- 12 hour	"
16 states (34%)	- 8 hour	"
1 state	- 7 hour	"
1 state	- 4 hour	"

77% give two or more examinations each year and

23% give one exam per year

He advised that a synopsis of land surveying laws will be available June first and any inquiries for purchase of this synopsis such as American Congress on Surveying and Mapping to advise the cost of \$10.00 per copy.

Mr. George E. Sutton, Nevada, discussed the role of the professional in Engineering Curriculum Design by referring to the annual report of ECPD dated September 30, 1970. He said of the inspectors for ECPD, 174 out of 480 or 34% are people who are not employed in education and on many visits they were educators looking at educators. He stated that the requirements for accreditation in this annual report required 18 hours for math, 18 hours for basic sciences, 36 hours for engineering sciences and 18 hours for humanities. There was no established credit hours for analysis and design.

Mr. Grant Borg, Utah, reported on recommendations for changes to the Constitution and By-Laws:

1. Change the title of Executive Secretary to Executive Director
2. Change the title of present Zone Directors to Vice-Presidents which would mean on the Board of Directors there would be four Vice-Presidents, President, President-Elect and Past-President.
3. Board of Directors could amend the By-Laws by two-thirds vote in the interim between annual meetings.
4. Increase the bode of the Executive Secretary from \$10,000 to \$100,000
5. Shorten the annual meeting.

Mr. Borg requested reports by the various states on any changes to their State Registration Laws. Arizona reported on their one minor change and the other states reporting were: California, Colorado and Oregon. Idaho reported no changes to their law but a Geology Board had been established by this year's legislature.

Dr. H. Sid Smith of Idaho discussed the National Examinations. He reported on the development of the multiple choice (morning) examination for Fundamentals. The national committee was required to review 664 questions first submitted by the various committee members who had prepared so many in each subject. From these 664, the committee finally selected the 160 questions used for the April, 1971, examinations, which were furnished by Educational Testing Service. For evaluation purposes, the grading is divided into three groups:

	Number Nationally
ECPD Graduates	8,900
Non-ECPD Graduates	1,173
Other	<u>1,881</u>
Total Exams Given	11,954

He advised that the morning examination results were in the mail to the individual Boards and they would receive a raw score and converted score which would be added with the afternoon examination being graded by the NCEE Central Grading Service on a basis of 50% for the morning. He, also, reported that from the morning examination an evaluation of each problem could be made by Educational Testing Service. The results of this analysis indicated to the committee that for the December, 1971, examinations there would be 41 questions repeated from the April, 1971, examinations which they call equators, and another 40 questions could be reused with modification. It was his personal opinion that the fundamentals could be extended to the full eight-hour examination. Discussion followed as to the professional examination given by National Council of Engineering Examiners, and the State of Washington wished to have an improvement in this examination or they would be forced to prepare it themselves. Other states concurred.

Mr. Henry Ochs of Colorado advised that their new law changes affected reciprocity. It now allowed the use of the NBER certificate, and an engineer who graduated from an engineering curriculum with twenty years of engineering practice and ten years in responsible charge would not be required to take an additional examination if the Colorado Board determined he was qualified. In order for the engineer to be granted on reciprocity basis throughout the nation, Mr. Ochs recommended that there be changes to the model law, each State law and in Board policy. Also, suggested that personal interviews be eliminated.

The Site Committee for the 1972 Western Zone meeting selected Jackson Hole, Wyoming and because of weather conditions, it would be the last week in May. Because of the good attendance to this meeting as it was held on Monday and Tuesday instead of Friday and Saturday, it was suggested that the next meeting be held the first part of the week.

Respectfully submitted,

Joyce L. Smith
 Joyce L. Smith
 Arizona Delegate

CASH FLOW REPORT - #4

DATE: June 10, 1971

Balance on Deposit as of July 1, 1970 - \$17,563.04
 Balance on Deposit as of Report Date - \$132, 328.62 Total Appropriated Receipts to Date: \$114,520.40
 Unencumbered Balance as of Report Date - \$59,739.40

LUMP SUM APPROPRIATED \$73,612.00

Code	Expenditures	Amount as of May 31	Estimated Exp. for June	Total
7112.0	Salaries	\$34,382.00	\$ 2,858.00	\$37,240.00
7151.0	Industrial Insurance	80.04	26.73	106.77
7153.0	FICA	1,314.34	148.60	1,462.94
7155.0	State Retirement	1,719.31	142.92	1,862.23
7216.0	Data Processing	3,087.81	--	3,087.81
7219.0	Professional Services	4,599.28	3,862.26	8,461.54
7221.0	State Travel	2,881.78	724.10	3,605.88
7231.0	Out-of-State Travel	1,324.23	--	1,324.23
7251.0	Office Rent	6,798.48	--	6,798.48
7253.0	Janitor Services	40.00	--	40.00
7259.0	Rent - Auditorium	10.00	--	10.00
7272.0	Maintenance & Repairs	57.36	42.00	99.36
7279.0	Other Repairs	3.50	--	3.50
7280.0	Office Supplies	3,543.00	335.42	3,878.42
7331.0	Printing & Photographs	79.82	3,834.04	3,913.86
7333.0	Reporting & Recording	349.54	--	349.54
7334.0	Postage & Postage Meter	1,852.54	100.00	1,952.54
7335.0	Telephone	1,347.61	303.07	1,650.68
7336.0	Telegrams	7.08	--	7.08
7337.0	Express	51.51	25.00	76.51
7342.0	Rent Xerox Machine	708.05	124.00	832.05
7360.0	Org. Dues & Subscriptions	1,451.60	--	1,451.60
7431.0	Office Equipment	960.08	--	960.08
7433.0	Microfilm Equipment	95.58	--	95.58
7480.0	Other Microfilm Equipment	40.35	--	40.35
7911.0	Personnel Commission	119.38	--	119.38
7921.0	Refunds	93.50	--	93.50
	SUBTOTAL	\$66,997.77	\$12,383.51	\$79,523.91
	BALANCE OF APPROPRIATED MONIES	\$ 6,614.23		(\$5,911.91)

READING OF COMMUNICATIONS

Letter from Carl Staker, President, Cleveland Society of Professional Engineers, regarding Regis I. Campbell, a structural engineer applicant, was presented as shown on Minute Pages 2915 and 2916. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that Dr. Newlin reply to the Cleveland Society of Professional Engineers' letter since he had chaired the committee meeting the date Mr. Campbell appeared for his audience. Motion carried.

Letter from Herbert W. Schneider, President, Central Chapter, American Institute of Architects, regarding plans review was presented as shown on Minute Page 2917. At this time Mr. Wyatt advised that this letter was the results of the Board's Plans Review Committee since the City Attorney had changed his opinion whereby the plans will become public record on application instead of after the building permit had been issued which will give the American Institute of Architects' committee an opportunity to review these plans.

It was moved by Mr. Girand and seconded by Mr. Wyatt that the Chairman be directed to prepare a letter answering Mr. Schneider. Motion carried.

UNFINISHED BUSINESS

Mr. Wyatt reported on his attendance at the Western Region of the National Council of Architectural Registration Boards' annual meeting in San Diego in April and the Western Region's recommending to the National meeting next month in San Francisco that applicants who have six year degrees, giving them a Masters, be granted registration upon examination without any additional experience. The seismic requirement has been deleted in Idaho and indicates that the trend for less and less requirements needed to become registered as an Architect.

NEW BUSINESS

It was moved by Mr. Girand and seconded by Dr. Newlin that the lease for Suite 923 in the United Bank Building, be approved for fiscal year 1971-1972. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Dryden that any architect-member who wished to attend the annual meeting of the National Council of Architectural Registration Boards to be held on July 14-17, 1971, in San Francisco, California, be authorized to do so. Motion carried. It was moved by Mr. Dryden and seconded by Dr. Newlin that Mrs. Stirley Cantor our Assistant Attorney General be invited to attend this meeting also. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Wyatt that any engineer-member who wished to attend the annual meeting of the National Council of Engineering Examiners in San Juan, Puerto Rico, on August 23-27, 1971, be authorized to do so. Motion carried. It was moved by Mr. Dryden and seconded by Mr. Girand that Mrs. Stirley Cantor our Assistant Attorney General be invited to attend this meeting also. Motion carried.

It was moved by Mr. Wyatt and seconded by Mr. Girand that the Board confirm the appointment of Edward G. Drewry as the new Executive Director of the State Board of Technical Registration. Motion carried.

Continued.....

Cleveland Society of Professional Engineers



STATE BOARD TECHNICAL REGISTRATION

CLEVELAND ENGINEERING AND SCIENTIFIC CENTER
3100 CHESTER AVENUE • CLEVELAND, OHIO 44114

Address Reply To:
Carl Staker

June 9, 1971

Arizona State Board of Technical Registration
Suite 923 United Bank Building
3550 North Central Avenue
Phoenix, Arizona 85012

Subject: Professional Registration

Gentlemen:

We are contacting you to discuss the procedures and requirements for professional registration for Architects, Assayers, Engineers, etc., in your state.

Mr. Regis I. Campbell, P.E., Past-President of the Cleveland Chapter of the Ohio Society of Professional Engineers, applied for registration in Arizona by reciprocity. Mr. Campbell is a graduate of an E.C.P.D. accredited school, has passed a 16 hour examination for professional registration as a structural engineer in his home state (Note: Ohio law requires a minimum of eight hours of examination in the registrant's major branch of engineering) and has been practicing as a professional here and in seven other states in which he holds registration.

In your correspondence with Mr. Campbell you forwarded copies of Rules and By-Laws and the Code of the State Board of Technical Registration and instructions for filing of the application sent to him. Upon satisfactory completion of the application requirements, he was notified by the board to appear for a personal interview and a 20 to 30 minute examination covering the Statutes and Rules. The time for the foregoing was set by the board and the tone of the notice was such that it was imperative that the candidate should keep the appointment or be assigned a later date set by the discretion of the board. At considerable expense and the use of the better part of two business days, Mr. Campbell traveled to Phoenix where he took the aforementioned exam (passed) and was interviewed by the Evaluation Committee.

At the close of the interview the applicant was told that in spite of his qualifications and active practice as a structural engineer, he must undergo eight hours of examination to obtain registration as a structural engineer in the state of Arizona because the board has an unwritten policy requiring this.

President
CARL STAKER
188 Euclid Avenue
Cleveland, Ohio 44114
Res. 449-2567
Bus. 861-2020

Vice Presidents
GURNEY E. McLAUGHLIN
Lester Building, Room 1220
Cleveland, Ohio 44114
Res. 321-6742
Bus. 621-2407

R. S. MYERESS
25777 Huckleberry Drive
Richmond Heights, Ohio 44143
Res. 261-4190
Bus. 454-1200

Treasurer
MER A. MARTIN
115 Putnam Ave.
Cleveland, Ohio 44105
Res. 541-5142
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EDGAR J. KLEINPELL
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Bus. 623-1350

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Joseph L. Stamps '73
Earl F. Traina '73
Ernie V. Zaretsky '72
Earl B. McLaughlin, Jr. '72
Robert G. Sauerman '72
James W. Spring '72
James W. Kirchner '71
Thomas J. Neff '71
Robert E. Schade '71
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Paul A. Frank '69
Regis I. Campbell '70

D. S. P. E. Trustee
Regis I. Campbell

Membership Chairman
WILLIAM A. SABEC
Euclid Ave.
Cleveland, Ohio 44114
455-9457
861-2020

To: Arizona State Board of Technical Registration June 9, 1971

Further, the applicant must make application to undergo said eight hours of examination which will be offered in December 1971.

If it pleases the board and the other interested parties to whom this letter is being sent, we would like to make remarks regarding Mr. Campbell's qualifications and the written requirements of the state of Arizona:

1. Page 6, Paragraph 9 of Rules and By-Laws states that a graduate of an E.C.P.D. accredited engineering curriculum will be given credit for Fundamentals of Engineering; subsequently, 16 hours of examination for structural engineering registrants would be the requirement. Mr. Campbell has taken a 16-hour exam in Ohio with 8 hours of this in structures.
2. Section 32-144 of the Code states that "a consulting associate of a registrant, if he is a non-resident with no established place of business in this state and is qualified to practice in the state or country where he resides" may practice and perform engineering functions on projects to be built in Arizona without compliance with the requirements of this Chapter. Mr. Campbell is permitted by this section to perform the same engineering duties you will by unwritten policy not permit him to become registered to perform.
3. Page 10, Section E of Rules and By-Laws - Mr. Campbell apparently satisfied this section. (See letter dated April 16, 1971, from State Board to R.I. Campbell.)
4. There was no correspondence from the board to the applicant that would indicate that upon completion of a 20 to 30-minute examination and an interview there would be an unwritten irrevocable policy revealed and enforced, a policy which requires the applicant to again undergo the financial expenditure incurred for the 20 minute examination and interview.

The Board of Direction of Cleveland Society for Professional Engineers is of the opinion that the action of the Arizona State Board is neither acting in the interests of the engineer nor in the best interests of the people of Arizona if this is the manner in which they conduct their office. We believe the unwritten policy decisions of the Arizona Board lays emphasis to the need for uniform registration laws!

Copies to:

Arizona State Bd. of Regis. (9)
 CEC Executive Director
 NSPE Executive Director
 Ohio State Bd. of Registration
 National Council of Eng. Examiners
 Regis I. Campbell, P.E.

Very truly yours,

Carl Staker

Carl Staker, P.E.
 President
 Cleveland Society of
 Professional Engineers

CS:MH



THE CENTRAL ARIZONA CHAPTER ... PHOENIX, ARIZONA
 THE AMERICAN INSTITUTE OF ARCHITECTS ... 2720 NORTH SIXTEENTH STREET

TELEPHONE 279-2248

May 28, 1971

Mr. Ralph L. Wyatt, AIA
 Members, State Board of Technical Registration
 3243 North 3rd Street
 Phoenix, Arizona 85012

Dear Ralph:

The question of the AIA being able to assist the City of Phoenix in the review of what are deemed sketchy or inadequate plans submitted for plan check has again been up for discussion. I met with Francis Bricker's sub-committee of the Building and Safety Advisory Board, Charles Raines, Bill Carey and the City Attorney, Mr. Riggs, this part Tuesday.

The City Attorney has changed his former opinion and will now get the City Council to adopt an ordinance which in part will say that the plans and specs are a "public record" at the time the initial set is submitted to the city for plan check.

With the above matter resolved, it now behooves the AIA to actively join with the city in finding means of easing the log-jam of plan check time which the city feels is caused by inadequate plans and specs. We have asked the structural, mechanical and electrical engineers to join us in this endeavor.

We would appreciate your thoughts and efforts to bring this subject to the State Board as a whole. The main purpose of such a committee is to uphold or raise the standards of the professions. If our committee was appointed and sanctioned by the State Board, it would of course, be on a better footing.

Sincerely,

Herb Schneider /m

Herbert W. Schneider, AIA, President

HWS/m

cc: Francis Bricker, AIA
 Charles Raines, City of Phoenix Bldg. Inspections Dept.
 Richard Joachim
 Roger D. Benson
 James R. Williamson, AIA

NEW BUSINESS - Continued

Mr. Girand referred to the guidelines he had established for examination security in 1968 and it was moved by Mr. Girand and seconded by Mr. Knickerbocker that it be reaffirmed the new Executive Director was to be solely and directly responsible for the security of the examinations. Motion carried.

As outlined in the By-Laws, Section I(4), the following election of officers for the ensuing year was held:

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

It was moved by Dr. Newlin and seconded by Mr. Girand that Mr. Knickerbocker be elected Vice-Chairman. Motion carried unanimously.

It was moved by Dr. Newlin and seconded by Mr. Girand that Mr. Wyatt be elected Secretary. Motion carried unanimously.

It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that the following dates be approved for the next committee meetings and regular meeting of the Board. Motion carried.

August 10, 1971 - Architectural and Landscape Architectural Evaluation Committees' meeting in Phoenix

August 11, 12, - Engineering Evaluation Committee meeting in Phoenix
13, 1971

September 17, - Regular meeting of the Board in Phoenix
1971

Mr. Cassidy as retiring member of the Board thanked the Board for their assistance and cooperation while serving on the Board.

Mr. Vanlandingham acknowledged Mr. Cassidy's outstanding service as a member of the Board and, also, to Mr. Dryden the Board's gratitude for the warm hospitality extended during this meeting in Flagstaff.

Mr. Vanlandingham expressed his thanks to all the members for their assistance during his tenure as Chairman for the past year. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Board with their gratitude secure a new plaque for Mr. Vanlandingham's fine leadership this past year. Motion carried.

Mr. Drewry extended his thanks to the Board for their vote of confidence by increasing his salary and would attempt to justify this trust placed in him.

Mr. Dryden as Chairman for the ensuing year announced the Committee Appointments for 1971-1972, as shown on Minute Page 2919.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION
 COMMITTEE APPOINTMENTS
 1971-1972

Executive Committee:

Entire Board

Rules & By-Laws Committee:

John Girand, Chairman
 Ralph L. Wyatt
 Charles W. Newlin

Legislative Committee:

R. G. Wallace, Chairman
 John Girand
 James L. Knickerbocker

Public Information Committee:

Entire Board

Budget Committee:

James L. Knickerbocker, Chairman
 Charles W. Newlin
 Ralph L. Wyatt

Evaluation and Examination Committees:

Architects:

M. L. Vanlandingham, Chairman
 Lew Place
 Ralph L. Wyatt

Engineers:

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

Landscape Architects:

Ralph L. Wyatt, Chairman
 Charles W. Newlin
 M. L. Vanlandingham
 R. G. Wallace
 (New Appointee)

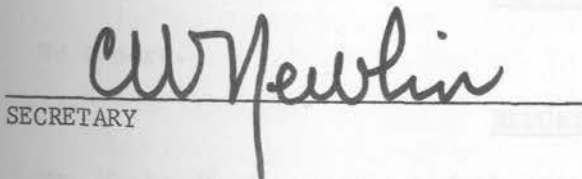
The Arizona State Board of Technical Registration will celebrate its 50th anniversary on July 15th as the first meeting was held on this date in 1921. The first Board members appointed by Governor Thomas E. Campbell were: Dean G. M. Butler, A. T. Coston, L. M. Fitzhugh, L. B. Hitchcock, R. W. Lescher, J. B. Lyman and W. O. Witherspoon. There are three registrants who are still active and were granted registration in 1921 who are: Harlow D. Phelps, Civil and Mining Engineer, No. 18; Thomas Maddock, Civil Engineer, No. 40; and Leslie J. Mahoney, Architect, No. 47.

It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that the above information be submitted to the pertinent magazines for print. Motion carried.

ADJOURNMENT

By unanimous vote the meeting adjourned at 12:25 P.M.


CHAIRMAN


SECRETARY

REPORT OF THE EXECUTIVE COMMITTEE
REPORT OF THE PUBLIC AFFAIRS COMMITTEE
REPORT OF THE LEGISLATIVE COMMITTEE
REPORT OF THE EVALUATION AND REGISTRATION COMMITTEE

The Chairman presented the Architectural Evaluation Committee meeting report of August 10, 1971, as shown on Minutes Pages 2922 through 2926. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that this report of the Architectural Evaluation Committee meeting be accepted and implemented as the Board. Motion carried.

The schedule for the Architectural Registrations in December, 1971, as shown on Minutes Page 2927, was presented. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that this schedule be approved as presented. Motion carried.

Mr. Dryden presented the Landscape Architectural Evaluation Committee meeting report of August 10, 1971, as shown on Minutes Pages 2928 and 2929. It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that this report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented as the Board. Motion carried.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

SEPTEMBER 17, 1971

The meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the office of the Board, 3550 N. Central Ave., Suite 923, Phoenix, Arizona, at 9:05 A.M.

PRESENT

C. W. Dryden, Chairman
 James L. Knickerbocker, Vice-Chairman
 Ralph L. Wyatt, Secretary
 John Girand
 Charles W. Newlin
 Lew Place
 M. L. Vanlandingham
 Robert G. Wallace
 Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

Robert M. Bowsby

It was moved by Mr. Girand and seconded by Dr. Newlin that the minutes of the meeting of the Board on June 18, 1971, 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 AND EXAMINATION COMMITTEES

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of August 10, 1971, as shown on Minute Pages 2922 through 2926. It was moved by Mr. Vanlandingham and seconded by Mr. Wyatt that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The schedule for the Architectural Examinations in December, 1971, as shown on Minute Page 2927, was presented. It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that this schedule be approved as presented. Motion carried.

Mr. Wyatt presented the Landscape Architectural Evaluation Committee meeting report of August 10, 1971, as shown on Minute Pages 2928 and 2929. It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that this report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Continued.....

DATE: September 8, 1971

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

The Architectural Evaluation Committee met on August 10, 1971, 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:

Bloch, Fred E.	71-237
Burwinkle, Joseph B., Jr.	71-140
Clayton, George Elmer	71-239
D'Agostino, Ralph Joseph	71-266
Dana, Howard Homer	71-278
Daniel, Delma J., Jr.	71-79
Fields, Edwin L.	71-218
Gensler, M. Arthur, Jr.	71-198
Guyton, Fred Fleming, Jr.	71-258
Hietbrink, Robert Henry	71-197
Hubble, Douglas Eugene	71-254
Imbs, Thomas Justin	71-199
Kelman, Ralph Israel	71-221
Kraft, Timothy Gordon	71-143
Lane, James Michael	71-242
Lee, Douglas H.	71-137
McGowan, Darden Leonard, Jr.	71-195
Masiello, Frank Ralph, Jr.	71-42
Milosevich, Dan Dushan	71-200
O'Connell, Hugh Mellen, Jr.	71-225
Paderewski, Clarence Joseph	71-314
Pierron, Richard Nicolay	71-255
Sandig, Henry	71-219
Thomas, Robert Maurice	71-119
Torres, Robert Lionel	71-134
Viets, Mark Alan	71-259
Waggoner, Richard Walter	71-196
Watson, Charles Richard	70-194
Yoshino, Donald Takeshi	71-260

- 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, 1971, examinations:

Davis, Richard Allane	71-238	D,E,F,H
Holland, Leonard Charles	71-245	C,D,E,F,G,H,I
Kellum, Charles E.	71-220	C,D,E,F,G,H,I

- III. The following applicants having been advised that they must submit a treatise and problem on seismic forces and for their failure to do so within a reasonable length of time, the committee recommends to the Board that they be denied:

Guthrie, Joe Edward	71-99
Keene, Thomas Richmond	71-43

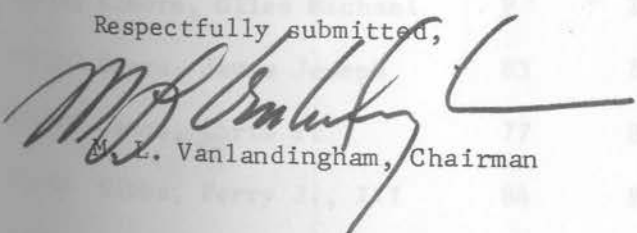
- IV. It is recommended that the following applicant be denied registration under A.R.S. 32-123.C for lack of experience of a character satisfactory to the Board to be deemed qualified under A.R.S. 32-122 or 32-123, and be refunded the amount shown of his application fee:

Wiater, Joseph Stanley	71-240	\$10.00
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- V. The committee reviewed the architectural examinations given in June, 1971, 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 V of this report be accepted and implemented.

Respectfully submitted,


M. L. Vanlandingham, Chairman

ARCHITECTS

02924

No.	Name	C History & Theory	D Site Planning	E Arch. Design	F Bldg. Construction	G Structural Design	H Prof. Administration	I Bldg. Equipment	Passed
67-85	Aros, Bernard Anthony	P	75	F	P	P	P	P	D
* 71-44	Atwood, Jerry Lee	82	85	90	75	79	82	78	CDEFGHI
67-62	Aye, Maung Khin	77	P	P	P	76	P	F	C,G
70-501	Banks, John Aubrey	85	F	75	87	77	86	86	CEFGHI
* 71-117	Barnes, Robert Earl	86	82	78	89	87	89	87	CDEFGHI
71-97	Bollinger, Walter H.	F	80	86	79	F	F	78	D,E,F,I
* 70-261	Brizee, Dennis	76	P	P	P	75	P	P	C,G
* 70-367	Bruder, Philip Rand	P	84	P	P	P	P	P	D
* 70-398	Calhoun, Robert E.	P	P	P	79	79	P	P	F,G
71-76	Campbell, Ian D. S.	82	F	F	79	F	77	F	C,F,H
65-34	Ceton, Raymond W.	P	P	F	P	P	P	P	
70-457	Davis, Billy Joe	78	88	88	79	F	76	F	C,D,E,F,H
70-410	Drees, Robert Donald	F	75	80	P	F	P	P	D,E
* 70-368	Elmore, Giles Michael	P	P	P	78	P	P	82	F,I
* 70-387	Ewers, James Joseph	83	86	75	81	84	89	85	CDEFGHI
71-40	Ganos, Chris P.	77	86	90	78	F	81	F	C,D,E,F,H
71-38	Gibbs, Perry J., III	84	F	F	80	79	82	82	C,F,G,H,I
70-89	Griffin, William F.	P	F	F	P	F	P	P	
* 70-351	Ives, Dexter A.	P	85	86	P	P	P	P	D,E
69-150	Jaggers, Philip F.	P	P	F	P	F	F	P	
70-147	Kelly, James M.	P	P	F	P	P	P	P	
71-72	Lee, Hemsley Martin	F	F	75	F	F	F	77	E,I
69-13	Lembke, Alfred O.	P	P	F	P	P	P	P	

18

15

18

12

16

11

Continued.....

85-

ARCHITECTS - Cont'd.

02925

No.	Name	C History & Theory	D Site Planning	E Arch. Design	F Bldg. Construction	G Struc. Design	H Prof. Administration	I Bldg. Equipment	Passed
70-208	Matter, Fred S.	88	F	75	79	84	87	86	CEFGHI
70-338	Miller, Thomas P. J.	F	89	86	F	F	75	75	D,E,H,I
* 70-374	Monacchio, Marco F.	88	75	75	80	77	86	78	CDEFGHI
70-442	Moon, Warren DeWitt	81	F	F	84	75	92	83	C,F,G,H,I
70-6	Myers, Robert W.	F	F	F	P	F	P	P	
70-312	Nordby, Stanley Ervin	P	75	F	P	P	P	P	D
71-95	Pal, Sukumar	F	F	F	81	79	F	85	F,G,I
* 70-359	Peters, Leland Bryce	P	82	P	P	P	78	P	D,H
70-399	Plate, Roger Andrew	75	P	P	F	F	P	F	C
70-408	Poland, Philip Edward	78	84	78	79	F	86	78	CDEFHI
* 70-293	Robison, Sam H., Jr.	P	P	P	83	P	P	P	F
* 70-469	Sawyer, Edward Bosson	84	82	88	79	80	80	78	CDEFGHI
* 71-74	Schiller, Samuel A.	Ex	Ex	Ex	76	Ex	Ex	Ex	F
71-85	Steppe, Allan Baker	76	75	F	76	F	81	76	C,D,F,H,I
67-81	Tachuk, Donald M.	F	P	P	P	P	P	P	
65-108	Thurman, Edward A.	P	P	F	P	P	P	P	
70-409	Warner, Fergus P., Jr.	P	F	F	P	F	P	P	
69-302	Weber, Ronald G.	Ex	Ex	F	Ex	P	Ex	Ex	
66-199	Wonsley, Ronald C.	F	P	P	P	F	P	P	
		12	12	13	11	12	9	9	78 163

ARCHITECTS-IN-TRAINING

No.	Name	C	G	I	Passed
* 70-13	Barnes, Linda Lee	84	78	81	C,G,I
* 71-8	Hoff, Timothy Allen	75	80	78	C,G,I
71-10	Lockhart, Brian	F	F	F	

Continued.....

ARCHITECTS-IN-TRAINING
 Continued

No.	Name	C History & Theory	G Struc. Design	I Bldg. Equipment	Passed
* 71-1	Lussier, Rick Gene	79	79	79	C,G,I
71-12	Ponko, Michael W.	F	F	F	
71-9	Richardson, William H.	F	F	F	
71-2	Sapetto, Martin U.	F	F	F	
71-3	Sherbondy, Don Owen	F	F	F	
* 71-6	Truscott, Donald S.	82	76	83	C,G,I
* 71-4	Vanderwerf, Robert	82	88	81	C,G,I

December 23, 1971

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

Examination B, Professional Administration (No reference material permitted)

1:00 P.M. to 4:30 P.M.

Examination D, Site Planning - "A Housing Project"

(No reference material permitted)

December 30, 1971

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

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

1:00 P.M. to 4:30 P.M.

Examination E, Building Equipment (No reference material permitted)

December 31, 1971

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

Examination A, Building Construction (No reference material permitted)

1:00 P.M. to 4:30 P.M.

Examination G, Structural Design (Reference material is permitted)

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

TWO LOCATIONS

1. Tempe, Arizona

New College of Architecture Building, South of University Drive on
Forest Avenue, Room 334, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 18, 1971

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

Examination E, Architectural Design - "An Art Sales Gallery"
(No reference material permitted)

Sunday, December 19, 1971

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

Examination H, Professional Administration (No reference material permitted)

11:30 A.M. to 4:30 P.M.

Examination D, Site Planning - "A Housing Project"
(No reference material permitted)

Monday, December 20, 1971

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

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

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

Examination I, Building Equipment (No reference material permitted)

Tuesday, December 21, 1971

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)

DATE: September 8, 1971

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

The Landscape Architectural Evaluation Committee met on August 10, 1971, 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 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 is hereby recommended for registration in landscape architecture:

Coggins, Milton Durfee 70-503

- II. Mr. J. E. Trossbach, File No. 71-142, appeared before the committee and was referred to a subcommittee to be chaired by Mr. Bowlsby. A meeting was held on August 20th with Mr. Trossbach and was interviewed by Mr. Paul Van Cleve and Mr. William Walton assisting Mr. Bowlsby. This special committee recommends, unanimously, that the educational requirements be waived and the Board approves the applicant's request for registration in landscape architecture.

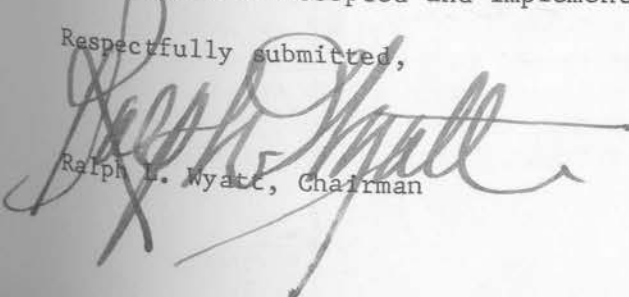
- III. The following applicant having appeared before the committee, while completing the personal audience interview, needs demonstration of additional evidence of his proficiency, A.R.S. 32-123.B, and it is recommended to the Board this individual be held for the written examinations beginning in December, 1971, as indicated:

Byrne, Michael George 71-265 Parts 1, 2, 3, 4 and 5

- IV. The committee reviewed the landscape architectural examinations given in June, 1971, 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 Recommendation I through IV of this report be accepted and implemented.

Respectfully submitted,


 Ralph L. Wyatt, Chairman

LANDSCAPE ARCHITECT
(New Rules)

No.	Name	1 History & Theory	2 Pltg., Dsn. & Ident.	3 L.S. Arch. Design	4 Construction	5 Prof. Administration	Passed
71-98	Aubuchon, Norman Lee	F	77	76	F	F	2,3

LANDSCAPE ARCHITECT
(Old Rules)

No.	Name	1 History & Theory	2 Pltg., Dsn. & Ident.	3 L.S. Arch. Design	4 Site Planning	5 Construction	6 Prof. Administration	Passed
69-86	Ranahan, Eddie Peter	Ex	Ex	P	F	Ex	Ex	

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

The schedule for the Landscape Architectural Examinations in December, 1971, as shown on Minute Page 2931, was presented. It was moved by Mr. Wyatt and seconded by Mr. Place that this schedule be approved as presented. Motion carried.

Dr. Newlin presented the Engineering Evaluation Committee meeting report of August 11, 12, and 13, 1971, as shown on Minute Pages 2932, 2933 and 2934. It was moved by Dr. Newlin and seconded by Mr. Girand that this report of the Engineering Evaluation Committee meeting, as amended, be accepted and implemented by the Board. Motion carried.

Dr. Newlin presented the land surveying application of Charles Howard Huckelberry, File #71-206, for full Board discussion. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the applicant be permitted to take all four parts of the land surveying examination beginning in December, 1971. Motion carried.

Dr. Newlin presented the electrical engineering application of John Seiler, File #71-214, for full Board discussion. It was moved by Dr. Newlin and seconded by Mr. Girand that the applicant be held for Parts 1, 2, 3 and 4 of the professional examination beginning in December, 1971. Motion carried.

Mr. Christopher C. Mathewson, File #71-173, Geological Engineer, requested reconsideration of the Engineering Evaluation Committee's recommendations holding him for the examination. After considerable discussion, it was moved by Dr. Newlin and seconded by Mr. Girand that the Committee's recommendations holding him for Parts 3 and 4 of the written examinations be reaffirmed. Motion carried.

Mr. Torvald Trondsen, File #71-149, Structural Engineer, requested changing his classification to Civil or waiver of Parts 5 and 6 of the Structural Engineering examination as recommended by the Engineering Evaluation Committee. It was moved by Mr. Girand and seconded by Dr. Newlin that Mr. Trondsen be granted registration as a Civil Engineer but advise him that some municipalities require structural engineers in their ordinances and architects prefer structural to civil on certain projects. Motion carried.

Mr. John F. Mondero, File #71-116, Mechanical Engineer, requested reconsideration of the Board's action holding him for Parts 1, 2, 3 and 4 of the written examinations at the June 18th Board meeting. It was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the Board reaffirm its previous action holding Mr. Mondero for Parts 1, 2, 3 and 4 of the written examinations as shown on Minute Page 2894 of the June 18th Board meeting. Motion carried.

The schedule for the Engineering Examinations in December, 1971, as shown on Minute Page 2935, was presented. It was moved by Dr. Newlin and seconded by Mr. Wallace that this schedule be approved as presented. Motion carried.

Mr. William P. Collon, File #66-239, Highway Engineer, appeared before the Board to discuss Part 3 of the highway engineering examination which he had taken in April, 1971. The Board advised Mr. Collon that his examination was regraded since the questions numbers had been listed in error by him when first submitted for grading, but that he still failed to achieve a passing grade.

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

02931

TWO LOCATIONS:

1. Tempe, Arizona

New College of Architecture, Building, South of University Drive on Forest Avenue, Room 334, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 18, 1971

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

Part 3 - Landscape Architectural Design

(No reference material permitted)

Sunday, December 19, 1971

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

Part 4 - Construction (Reference material is permitted)

11:30 A.M. to 4:30 P.M.

Part 4 - Site Planning (Old Rules) - "A Housing Project"

(No reference material permitted)

Monday, December 20, 1971

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

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

Tuesday, December 21, 1971

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)

DATE: September 8, 1971

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

The Engineering Evaluation Committee met on August 11, 12, and 13, 1971, in Phoenix, Arizona, with the following members present:

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

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:

CHEMICAL ENGINEERING

Bowman, E. Dexter, Jr. 71-69

CIVIL ENGINEERING

Barber, M. James 71-155
 Beatty, Joseph Allen 71-204
 Brodie, Omer Harold 71-236
 Burgess, Jason M. 71-167
 Evans, Billy Joe, Jr. 71-217
 Harrison, James Cameron 71-146
 Hiatt, Harley Rue 71-166
 Horn, Fred Henry 71-210
 Juergens, Ralph Ernest 71-216
 Lantzy, Gerald Martin 71-152
 McLean, W. Douglas 71-185
 Meador, Keith Nelson 71-160
 Nassar, Naim Georges 71-201
 Niese, David Max 71-235
 Paghuso, John Batista 71-215
 Ronk, Raymond B. 71-61
 Sarsam, Jamal Bashir 71-165
 Siddiqui, Shakil Ahmed 71-178
 Stricker, Siegfried E. A. 71-189
 Theal, Alfred Robert 71-224
 Trujillo, Jose Adolph 71-154
 Wise, Joseph A., Jr. 71-169
 Wolfe, Francis Edmund 71-150
 Trondsen, Torvald 71-149

ELECTRICAL ENGINEERING

Cooper, Frederick Eugene 71-253
 Dougherty, John Joseph 71-162

ELECTRICAL ENGINEERING - Cont'd.

Hoehn, Alfred Joseph, Jr. 71-229
 Levin, Ralph Chase 71-177
 Patsaouras, Nikolas 71-158
 Siggard, Richard 71-145
 Vidergar, John August 71-182

MECHANICAL ENGINEERING

Bauer, Charles Raymond 71-247
 Kryfko, Edward Thomas 71-244
 Laursen, Verner E. 71-171
 Lujan, Peter 71-233
 McNamara, John Rogers 71-203
 Salazar, Ismael 71-209
 Saltzberg, Edward 71-179
 Thomas, Joe Burke 71-191
 Weeks, Harry Ellis 71-181
 Wellington, Charles Kampfert 65-169
 Whitley, William Jones 71-213

METALLURGICAL ENGINEERING

Bean, James Joseph 71-175
 Cadwell, Edward Peter 71-151
 Rabb, David Daniel 71-248

MINING ENGINEERING

Respicio, Saturnino Z., Jr. 71-52
 Rundle, William Judd 71-174

SANITARY ENGINEERING

Selm, Robert Prickett 71-161

Continued.....

I. Continued

STRUCTURAL ENGINEERING

Forssen, David Kennett	71-184
Ginter, Tibor	71-163
Shamma, Tariq Mohammed	71-156
Smetts, Kenneth D.	71-157

LAND SURVEYING

Eidson, Ronald Joe	71-164
Jewell, Gayle Dean	71-159
Joseph, Marvin M.	71-62
Padilla, Faustin B.	71-205

GEOLOGY

Scurlock, James Roy (re-regis. #6065)	71-228
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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 December, 1971, written examinations:CIVIL ENGINEERING

Damgaard, Kenneth Klausen	71-188	Parts 3 and 4
Kaminski, Daniel Leonard	71-190	Parts 3 and 4
Ostenfeld, Klaus Henrik	71-231	Parts 3 and 4

ELECTRICAL ENGINEERING

Karr, George Bradley	71-211	Parts 3 and 4
Kienast, Peter Fred	71-50	Parts 3 and 4

GEOLOGICAL ENGINEERING

Mathewson, Christopher Colville	71-173	Parts 3 and 4
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MECHANICAL ENGINEERING

Boyer, Watson Frederick	71-176	Parts 3 and 4
Pristo, Ray E.	71-223	Parts 1, 2, 3 and 4

METALLURGICAL ENGINEERING

Lagergren, Charles F.	71-257	Parts 3 and 4
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SANITARY ENGINEERING

Kracht, Jeffrey Karl	71-153	Parts 3 and 4
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STRUCTURAL ENGINEERING

McLean, W. Douglas	71-186	Parts 5 and 6
Orvald, Torvald	71-149	Parts 3 and 4

ASSAYING

Copeland, Fred Lane	71-208	Parts 1 and 2
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LAND SURVEYING

Garcia, Ernest G.	71-148	Parts 1, 2, 3 and 4
Garst, Delbert Dale	71-202	Parts 1, 2, 3 and 4
Lucas, George Thomas, II	71-192	Parts 3 and 4
Nau, William Edward	71-207	Parts 1, 2, 3 and 4

II. Continued

Applicant held for the April, 1972, written examinations:

CIVIL ENGINEERING

Gernandt, Richard Werner

71-230

Parts 1, 2, 3 and 4

- III. 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 examination, subject to the receipt of two additional satisfactory references, as indicated:

LAND SURVEYING

Norris, Gerald Junior

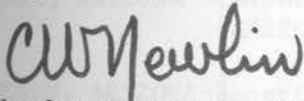
70-434

Parts 1, 2, 3 and 4

- IV. Mr. Claude Archibald Luther Pilley, File #71-121, who was referred to the Engineering Evaluation Committee at the June 18th Board meeting, Minute Page 2881, was discussed. The committee recommends to the Board that Mr. Pilley be granted civil engineering registration upon verification from the New Mexico Board that there have been no further developments in this matter. (Letter received August 27, 1971, from the New Mexico Board stated no derogatory information had been received by their Board in this regard.)

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

Respectfully submitted,



Charles W. Newlin, Chairman

I. SATURDAY, DECEMBER 4, 1971

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY

TUCSON, ARIZONA- Report to Rooms 301 and 303 of the Civil Engineering Bldg. 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 assaying applicants held for Part I, Assaying Examination.

All E.I.T. and G.I.T. applicants held for Subsection I of the in-training exam.

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 assaying applicants held for Part II, Assaying Examination.

All E.I.T. and G.I.T. applicants held for Subsection II of the in-training exam.

II. SUNDAY, DECEMBER 5, 1971

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY

TUCSON, ARIZONA- Report to Rooms 301 and 303 of the Civil Engineering Bldg. at the UNIVERSITY OF ARIZONA

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

Part III - Engineering Analysis - all branches of engineering.

Part III - Applied Geology.

Part III - Land Surveying Rules and Regulations.

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

Part IV - Engineering Design - all branches of engineering.

Part IV - Geological Problems.

Part IV - Land Surveying Legal Principles.

III. MONDAY, December 6, 1971

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

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

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

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

French, Jeffery Akeson	71-84	Civil Engineer
Gildor, Joseph	71-47	Mechanical Engineer
Haberlan, Jim LeRoy	71-45	Architect
Hudson, William Wallace	70-318	Geological Engineer
Prange, David Burroughs	71-172	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

Atwood, Jerry Lee	8025
Barnes, Robert Earl	8026
Bloch, Fred E.	8027
Brizee, Dennis	8028
Bruder, Philip Rand	8029
Burwinkle, Joseph B., Jr.	8030
Calhoun, Robert Errol	8031
Clayton, George Elmer	8032
D'Agostino, Ralph Joseph	8033
Dana, Howard Homer	8034
Daniel, Delma J., Jr.	8035
Elmore, Giles Michael	8036
Ewers, James Joseph	8037
Fields, Edwin L.	8038
Gensler, M. Arthur, Jr.	8039
Guyton, Fred Fleming, Jr.	8040
Hietbrink, Robert Henry	8041
Hubble, Douglas Eugene	8042
Imbs, Thomas Justin	8043
Ives, Dexter A.	8044
Kelman, Ralph Israel	8045
Kraft, Timothy Gordon	8046
Lane, James Michael	8047
Lee, Douglas H.	8048
McGowan, Darden Leonard, Jr.	8049
Masiello, Frank Ralph, Jr.	8050
Milosevich, Dan Dushan	8051
Monacchio, Marco Francis	8052
O'Connell, Hugh Mellen, Jr.	8053
Paderewski, Clarence Joseph	8054
Peters, Leland Bryce	8055
Pierron, Richard Nicolay	8056
Robison, Sam Houston, Jr.	8057
Sandig, Henry	8058
Sawyer, Edward Bosson, Jr.	8059
Schiller, Samuel Allen	8060
Thomas, Robert Maurice	8061

ARCHITECTURE - Cont'd.

Torres, Robert Lionel	8062
Viets, Mark Alan	8063
Waggoner, Richard Walter	8064
Watson, Charles Richard	8065
Yoshino, Donald Takeshi	8066

CHEMICAL ENGINEERING

Bowman, E. Dexter, Jr.	8067
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CIVIL ENGINEERING

Barber, M. James	8068
Beatty, Joseph Allen	8069
Brodie, Omer Harold	8070
Burgess, Jason M.	8071
Evans, Billy Joe, Jr.	8072
Harrison, James Cameron	8073
Hiett, Harley Rue	8074
Horn, Fred Henry	8075
Juergens, Ralph Ernest	8076
Lantzy, Gerald Martin	8077
McLean, W. Douglas	8078
Meador, Keith Nelson	8079
Nassar, Naim Georges	8080
Niese, David Max	8081
Pagliuso, John Batista	8082
Pilley, Claude Archibald L.	8083
Ronk, Raymond B.	8084
Sarsam, Jamal Bashir	8085
Siddiqui, Shakil Ahmed	8086
Stricker, Siegfried E. A.	8087
Theal, Alfred Robert	8088
Trondsen, Torvald	8126
Trujillo, Jose Adolph	8089
Wise, Joseph A., Jr.	8090
Wolfe, Francis Edmund	8091

Continued.....

ELECTRICAL ENGINEERING

Cooper, Frederick Eugene	8092
Dougherty, John Joseph	8093
Hoehn, Alfred Joseph, Jr.	8094
Levin, Ralph Chase	8095
Patsaouras, Nikolas	8096
Siggard, Richard	8097
Vidregar, John August	8098

MECHANICAL ENGINEERING

Bauer, Charles Raymond	8099
Kryfko, Edward Thomas	8100
Laurson, Verner E.	8101
Lujan, Peter	8102
McNamara, John Rogers	8103
Salazar, Ismael	8104
Saltzberg, Edward	8105
Thomas, Joe Burke	8106
Weeks, Harry Ellis	8107
Wellington, Charles Kampfert	8108
Whitley, William Jones	8109

METALLURGICAL ENGINEERING

Bean, James Joseph	8110
Cadwell, Edward Peter	8111
Rabb, David Daniel	8112

MINING ENGINEERING

Respicio, Saturnino Z., Jr.	8113
Rundle, William Judd	8114

SANITARY ENGINEERING

Selm, Robert Prickett	8115
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STRUCTURAL ENGINEERING

Forssen, David Kennett	8122
Ginter, Tibor	8123
Shamma, Tariq Mohammed	8124
Smetts, Kenneth D.	8125

GEOLOGY

Scurlock, James Roy (re-reg.)	6065
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LANDSCAPE ARCHITECTURE

Coggins, Milton Durfee	8116
Trossbach, J. E.	8117

LAND SURVEYING

Eidson, Ronald Joe	8118
Jewell, Gayle Dean	8119
Joseph, Marvin M.	8120
Padilla, Faustin B.	8121

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

ARCHITECT-IN-TRAINING

Barnes, Linda Lee	104
Hoff, Timothy Allen	105
Lussier, Rick Gene	106
Truscott, Donald S.	107
Vanderwerf, Robert	108

ENGINEER-IN-TRAINING

Averill, Samuel J.	983
Blackledge, John William	984
Breig, Daniel Paul	985
Brevick, Lonnie Lee	986
Buecher, Robert Harry	987
Carnes, Mark L.	988
Coppola, Eugene George	989
Donaldson, Thomas W.	1018
Donovan, Dennis Lynn	990
Fedock, Joseph John	991
Fuller, Jerry Douglas	992
Gorman, Richard William	993
Hutchison, Timothy Winfield	994

ENGINEER-IN-TRAINING - Cont'd.

Irwin, Don L.	995
Kirchner, John Henry	996
Loyd, John Charles	997
Lungren, Randolph William	998
Nichols, Gayle H., III	999
Peterson, Peter Louis	1000
Pierce, Glenn Douglas	1001
Richards, Charles L.	1002
Robinson, James H.	1003
Ruhl, Bernard	1004
Schwartz, Peter A., Jr.	1005
Scott, Michael P.	1006
Shenfield, Gary	1007
Stebbins, John F.	1008
Thomas, Ronald R.	1009
Tom, Dick F.	1010
Troyer, Raymond Daniel, Jr.	1011
Wallace, Bruce Robert	1012
Wright, Kenneth W.	1013
Zukowski, Michael Peter	1014

It was moved by Mr. Girand and seconded by Mr. Place that the following applicants for in-training certification having been certified by the Deans of College of Engineering, under Rule II.C.6, be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

<u>ENGINEER-IN-TRAINING</u>	
Hughes, David Michael	1015
Story, Kent Alexander	1017
Ziemba, Donald L.	1016

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Wyatt reported on his and Mr. Vanlandingham's attendance at the Annual Meeting of the National Council of Architectural Registration Boards in San Francisco on July 14-17, 1971. He outlined the new NCARB concept in which a modified professional examination may be written after passing a qualifying exam, given to applicants who have eight years' apprenticeship but who have not received a degree.

Mr. Vanlandingham commented on the plan whereby a degree from an accredited school plus one year apprenticeship would also qualify an applicant to take the modified professional examination.

Both members expressed disagreement with these resolutions which were adopted at the meeting.

Mr. Knickerbocker submitted the following report on his attendance at the Annual Meeting of the National Council of Engineering Examiners in San Juan, Puerto Rico on August 23-27, 1971:

The 1971 convention proceedings should be available about December 15, 1971. As the only member of the Arizona State Board of Technical Registration in attendance it is not possible to give a detailed report of the meetings. However, there are certain items which may be of interest. Attendance was very good with some boards having as many as five people in attendance.

Roy T. Sessums of the Louisiana Board is to succeed A. L. Bavone as President-Elect.

Constitution & By-Laws

Ten motions amending the constitution and by-laws were presented. These were mostly related to new definition of officers and duties--Executive Secretary changed to Executive Director, Zone Directors changed to Vice-Presidents; flexibility by the Board of Directors concerning the administration of funds; changing the by-laws such that amendment is possible other than at an annual meeting--if it appears the by-laws should be amended the Board of Directors will direct that the amendment be approved by mail ballot. Full detail concerning the amendments will be included in the proceedings.

Model Law Revision

A Model Law for Professional Engineers and Land Surveyors was reported and accepted. A copy of the Arizona Code relative to Technical Registration and the Arizona Board By-Laws was delivered to Mr. R. D. Reckert, Chairman of the Committee on Land Surveying. (Insert was to show that a Land Surveyor could be a member of the Arizona Board.)

Western Zone Meeting

Mr. Orland Mayer made a brief report noting that the resolution relating to having NCEE become involved with ECPD concerning engineering curricula which must be accredited had been accepted by the Board of Directors (resolution passed at Coeur d'Alene meeting). An ad-hoc committee of three members of the NCEE-ECPD committee is to be appointed to pursue further definition.

Some discussion was held concerning personal appearance relative to comity. It appears most states are trending away from the requirement of personal audience but have begun to ask for written exams based on the State Law. These exams are being conducted by mail.

The National Officers made usual comment concerning the national activity of NCEE. All emphasized that the purpose is service to the State Boards.

It was again discussed and accepted that the NCEE might pay the expenses of the officers, such as Zone Directors (Vice-Presidents) to the convention and the State Board could then send an additional member. There was a general feeling that at least two people are necessary if the activity of the annual meeting is to be properly covered.

Mr. Morrison of Canada briefly discussed activity concerning a Joint International Committee.

The meeting place for 1972 at Jackson Hole, Wyoming on May 22 and 23 is firm. The arrangements will be completed shortly by a steering committee.

The Western Zone discussed hosting the NCEE Annual Meeting in 1976 and it was agreed that the meeting be held in Tucson, Arizona. The group suggested that Mr. Mayer have the board consider the time to be in late September or October. (The board acted and declared the meeting would be in early August.)

Short discussion was held concerning the bringing of a lay member of the citizens to State Boards and including a "Code of Conduct" into the law.

National Certification

The National Certification Committee met and discussed the procedures for national certification. This discussion was brief and generally involved an increase in use by State Boards. It does appear that something should be done to cause the candidate's record to be more current if it is to be used for the automatic registration by comity for the various state boards. There was discussion concerning the possibility of including other countries when studying the development of new procedures. Much of the discussion included going as far as NCARB has gone.

Some discussion also centered on the appearance of the NCEE certificate and it was concluded that a more presentable certificate could be issued.

The meeting closed with a suggestion that the Board of Directors consider stopping the receipt of applications beginning September 1, 1971, until some policy and procedure for processing applications could be received, updated and revised. (The Board agrees to allow consideration toward refinement of the policy and procedure but does not approve stopping the receipt of applications.)

NCEE-ECPD

In 1965, NCEE adopted a resolution approving formal education of the Professional Engineer of the future have the equivalent of at least one year of advanced level professional education beyond the B.S. degree. A resolution was passed suggesting a National Commission on Accreditation with authorization for ECPD to accredit advanced degree programs as professional degree programs in engineering.

The NCEE-ECPD committee has been given the task to have NCEE become more involved concerning accreditation of engineering curricula (proposal of Western Zone).

Future Meetings

1972 - Seattle, Washington, Washington Plaza Hotel, August 20-25

1973 - New Orleans, Louisiana, Monteleone Hotel, August 12-15

1974 - One of three places: Mackinac, Michigan
Omaha, Nebraska
Louisville, Kentucky

1975 - Boston, Massachusetts, Statler Hilton Hotel, August 10-14

1976 - Tucson, Arizona, dates and place to be arranged

REPORT OF THE BUDGET COMMITTEE

Mr. Knickerbocker presented the budget request for 1972-73, as shown on Minute Pages 2941 through 2964, which was approved by the committee, by telephone, on August 18, 1971. It was noted that the Technical Registration Fund is expected to increase substantially during the next two years. It was also noted that funds have not been requested for a full time investigator in 1971-72 or in 1972-73. After some discussion, Mr. Dryden requested that Mr. Knickerbocker act as chairman, pro tem, to permit him to speak as a member. Mr. Dryden expressed the opinion that additional personnel should not be added unless a full time requirement for the service exists. He then resumed the chair and appointed the following ad-hoc committee to:

1. Determine the necessity for investigative services,
 - (a) as a permanent employee,
 - (b) on a Professional Services basis as needed.
2. To delineate the duties to be performed in either case.
3. To recommend revision of the budget request, if desirable.
4. To study revision of the renewal fee if receipts at the present rate are expected to greatly exceed requirements.

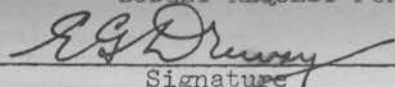
C. W. Newlin, Chairman
M. L. Vanlandingham
Robert G. Wallace

STATE OF ARIZONA

BUDGET REQUEST FOR THE FISCAL YEAR 1972-1973

SCHEDULE 1

Budget Request Approved By



Executive Director

August 27, 1971

Signature

Title

Date

Budget Request Prepared By Board's Budget Committee & Exec. Dir.

264-3836

Phone

Agency Name State Board of Technical RegistrationFund Sources 90/10 Agency - ARS 32-109, TechnicalAddress 3550 N. Central Ave., Suite 923Registration Fund - 21-396-501Phoenix, Arizona 85012A.R.S. Citation Title 32, Chapter I, ARS 1956, 1970

RECEIPTS

Description	Name of Fund	Actual 1970-1971	Estimated 1971-1972	Estimated 1972-1973
Renewal and Penalty Fees		98,004.00	105,000.00	112,000.00
Application Fees		19,410.00	21,400.00	23,500.00
Temporary Certificates		350.00	--	--
Examination Fees		10,965.00	12,000.00	13,300.00
New Certificates		18.00		
Annual Reports		65.00		
Miscellaneous		10.00		
WCARB Treatises		800.00		
TOTAL REVENUE		129,622.00	138,400.00	148,800.00
10% General Fund	General	12,962.00	13,840.00	14,880.00
90% Technical Fund	Technical	116,660.00	124,560.00	133,920.00

STATE OF ARIZONA
SOURCE AND DISPOSITION OF FUNDS

Agency Name Board of Technical Registration

SCHEDULE

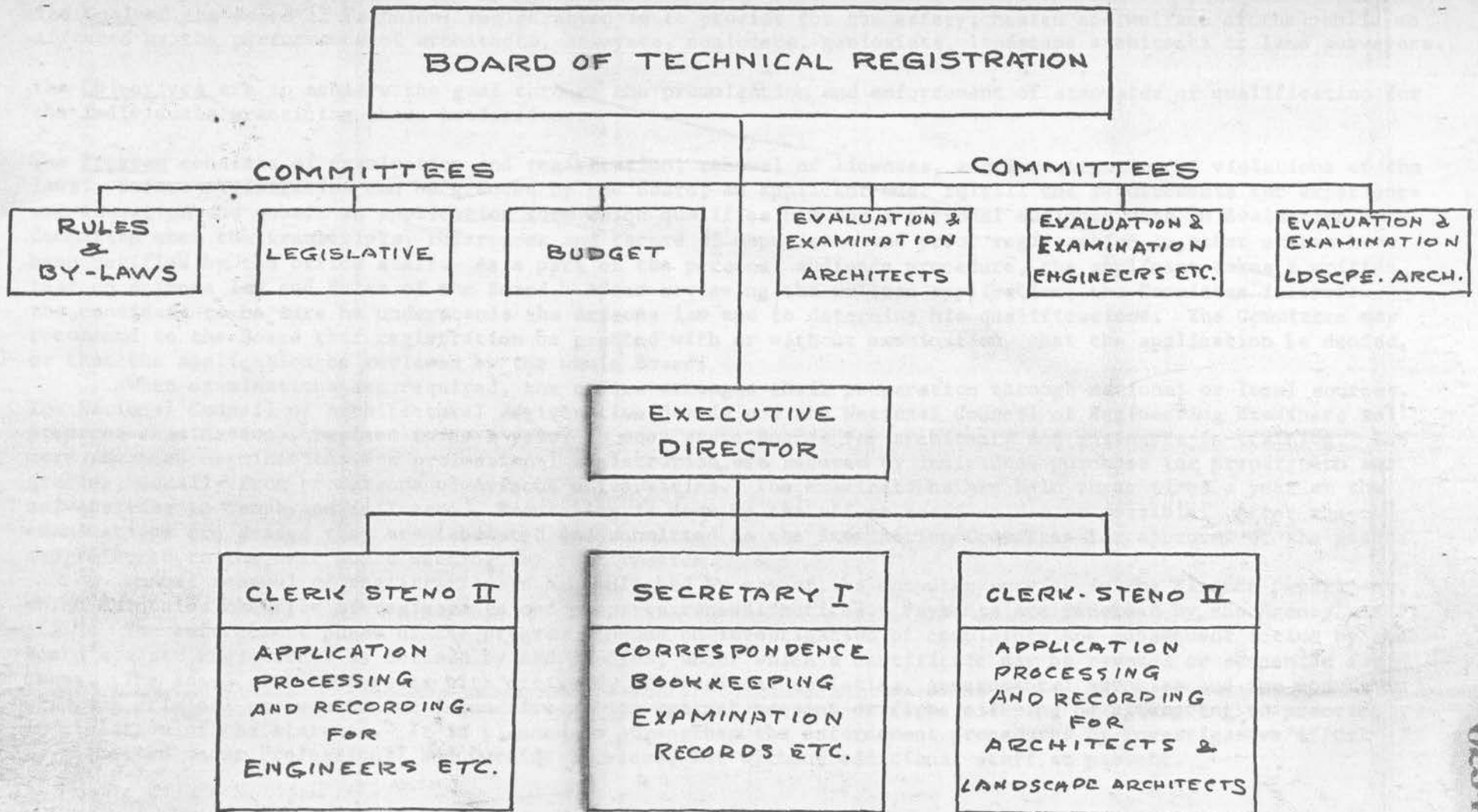
	1970-1971	1971-1972	1972-1973
SOURCE OF FUNDS			
Balance Forward From Prior Year.....	17,563	54,976	88,956
General Fund Appropriation.....			
Special Fund Appropriation.....			
Supplemental Appropriation.....			
Appropriated Receipts.....	73,612	93,225	94,907
Federal Funds.....			
Other Funds (Specify).....			
Escheated Receipts	43,047	31,335	39,013
TOTAL	134,222	179,536	222,876
DISPOSITION OF FUNDS			
Expenditures.....	79,152	90,230	94,907
Other (Specify).....	94	350	350
Amount Reverted.....			
Balance Forward to Next Year.....	54,976	88,956	127,619
TOTAL	134,222	179,536	222,876

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STATE OF ARIZONA
ORGANIZATION CHART

Agency Name Board of Technical Registration

SCHEDULE 3



02913

STATE OF ARIZONA
PROGRAM STATEMENT

Agency Name Board of Technical Registration Program Agency Program SCHEDULE 4

PROGRAM DEFINITION, GOALS AND OBJECTIVES

The Goal of the Board of Technical Registration is to provide for the safety, health and welfare of the public as affected by the performance of architects, assayers, engineers, geologists, landscape architects or land surveyors.

The Objectives are to achieve the goal through the promulgation and enforcement of standards of qualification for the individuals practicing those professions.

The Program consists of examination and registration, renewal of licenses, and investigation of violations of the laws. Before registration can be granted by the Board, an applicant must fulfill the requirements for experience and education and submit an application form which qualifies him for a personal audience with an Evaluation Committee when the transcripts, references and record of experience and prior registration in other states have been verified by the office staff. As a part of the personal audience procedure, the applicant takes a written test on Arizona law and Rules of the Board. After reviewing the written application, the Committee interviews the candidate to be sure he understands the Arizona law and to determine his qualifications. The Committee may recommend to the Board that registration be granted with or without examination, that the application be denied, or that the application be reviewed by the whole Board.

When examinations are required, the office arranges their preparation through national or local sources. The National Council of Architectural Registration Boards and the National Council of Engineering Examiners sell prepared examinations, revised twice a year, to most state Boards for architects and engineers-in-training. The more advanced examinations for professional registration are secured by individual purchase for preparation and grading, usually from professors of Arizona universities. The examinations are held three times a year at the universities in Tempe and in Tucson. Proctoring is done by the office staff as far as possible. After the examinations are graded they are tabulated and submitted to the Examination Committee for approval of the grades, and referred to the next Board meeting for confirmation.

Annual renewal of registration is accomplished by use of the computer service in the Finance Department, which maintains the file of registrants and prepares renewal notices. Payments are recorded by the Agency staff.

The enforcement phase of the program depends on investigation of complaints and subsequent action by the Board against registrants as defined by ARS 32-128B, under which a certificate may be revoked or suspended for cause. The Board also cooperates with citizens, professional societies, governmental agencies and the courts in bringing criminal prosecution or injunctive action against persons or firms offering or attempting to practice in violation of the statutes. It is planned to strengthen the enforcement procedures by investigative effort as requested under Professional and Outside Services, but without additional staff at present.

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STATE OF ARIZONA

SUMMARY OF EXPENDITURES AND BUDGET REQUESTS

Agency Name Board of Technical Registration

Program _____

SCHEDULE 5

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
PERSONAL SERVICES AND EMPLOYEE RELATED EXPENDITURES					
Number of F.T.E. Positions.....	4	4	4	--	
Personal Services.....	37,240	38,590	39,096	506	
Employee Related Expenditures.....	3,554	3,914	4,139	225	
OPERATING EXPENDITURES					
Professional and Outside Services.....	11,084	13,200	16,650	3,450	
Travel - State.....	3,406	4,100	4,400	300	
Travel - Out-of-State.....	1,324	3,350	3,350	--	
Food.....					
Other Operating Expenditures.....	21,451	24,888	25,638	750	
CAPITAL OUTLAY					
Equipment and Other Items.....	1,096	2,188	1,634	(554)	
Land, Buildings and Improvements.....					
ASSISTANCE TO OTHERS.....					
OTHER.....					
TOTAL	79,155	90,230	94,907	4,677	

A LUMP SUM APPROPRIATION IS REQUESTED

See Page 6

Page 5 of 24

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STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency Name Board of Technical Registration

Program _____

SCHEDULE 5 - SUMMARY

The expenditures for 1970-71 proved to be greater than the appropriation for that year. The major causes were an unforeseen increase in the number of examinations, the design of the system and program for the computer, and overlapping salaries due to the change in executive directors as of May 15, 1971.

To avoid a recurrence of this condition, the estimates for 1971-1972 have been reviewed with knowledge of the actual expenditures in the previous year and with the objective of establishing a sound base from which to construct a realistic lump sum request for 1972-1973, by which the agency program can be effective in attaining its objectives and making further progress toward the goal.

STATE OF ARIZONA
ANALYSIS OF PROGRAM CHANGES
1972-1973

Agency Name Board of Technical Registration

Program _____

SCHEDULE _____

Expenditure Classification	Price Level Change	Workload Increase	Program Expansion	Other	Total	Governor's Recommendation
PERSONAL SERVICES AND EMPLOYEE RELATED EXPENDITURES						
Number of F.T.E. Positions.....	--	--	--	--	--	
Personal Services.....	506	--	--	--	506	
Employee Related Expenditures...	225	--	--	--	225	
OPERATING EXPENDITURES						
Professional & Outside Services.	700	1,050	1,700		3,450	
Travel - State.....		200	100		300	
Travel - Out-of-State.....					--	
Food.....						
Other Operating Expenditures....	250			500	750	
CAPITAL OUTLAY						
Equipment and Other Items.....				(554)	(554)	
Land, Buildings & Improvements..						
ASSISTANCE TO OTHERS.....						
OTHER.....						
TOTAL	1,681	1,250	1,800	(54)	4,677	

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STATE OF ARIZONA
WORKLOAD AND STATISTICAL FACTORS

Agency Name Board of Technical Registration

Program _____

SCHEDULE 7

Description of Factor Used	Actual 1970-1971	Estimated 1971-1972	Estimated 1972-1973
Registrations, July 1	4,361	4,820	5,320
Delinquents Paid	333	370	400
New Registrations Granted	421	460	500
Less Deceased or Delinquent June 30	296	330	360
TOTAL REGISTRATIONS June 30	4,819	5,320	5,860
Applications Received	597	660	720
Examinations Written - Engineers, etc.	806	890	980
Architects and Landscape Architects	390	430	470
TOTAL EXAMINATIONS	1,196	1,320	1,450
Agency Cost per Registrant as of June 30	\$16.40	\$16.90	\$16.20

02918

STATE OF ARIZONA
SUMMARY OF POSITIONS AND PERSONAL SERVICES

Agency Name Board of Technical Registration Program _____ SCHEDULE 8

Summary of Positions	Present Positions						Additional Positions		Total Positions	
	Actual Expenditures 1970-1971		Estimated Expenditures 1971-1972		Budget Request 1972-1973		Budget Request 1972-1973		Budget Request 1972-1973	
	FTE No.	Amount	FTE No.	Amount	FTE No.	Amount	FTE No.	Amount	FTE No.	Amount
Boards and Commissions	8	--	9	--	9	--	--	--	9	
Regular Employees	4	37,240	4	38,590	4	39,096	--	--	4	39,096
Temporary Employees										
Other (Specify)										
TOTAL - To Schedule 5	4	37,240	4	38,590	4	39,096	--	--	4	39,096

Amount of 1970-1971 Personal Services Reversion \$ --

Explanation of Reversion:

GOVERNOR'S RECOMMENDATION

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STATE OF ARIZONA
PRESENT POSITIONS AND PERSONAL SERVICES

Agency Name Board of Technical Registration

Program _____

SCHEDULE 9

Classification*Title	Class Code	Class Grade	1970-1971		1971-1972		1972-1973			
			FTE No.	Actual Expenditures	FTE No.	Estimated Expenditures	FTE No.	Budget Request	Increase Requested	
									Amount	%
Executive Director		10 exempt	1.1	18,765	1	17,226	1	17,640	414	2.4
Secretary I	12881	12	1	7,188	1	8,496	1	8,496	--	
Clerk-Steno II	12812	8	2	11,287	2	12,868	2	12,960	92	0.8
			4.1	37,240	4	38,590	4	39,096	506	1.3

02950

STATE OF ARIZONA
EMPLOYEE RELATED EXPENDITURES

Agency Name Board of Technical Registration

Program _____

SCHEDULE 11

	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Governor's Recommendation 1972-1973
Workmen's Compensation Insurance Premiums:				
Present Positions.....	110	201	192	
Additional Positions.....			--	
F. I. C. A. Taxes:				
Present Positions.....	1,463	1,611	1,812	
Additional Positions.....			--	
Retirement Contributions:				
Present Positions.....	1,862	1,930	1,955	
Additional Positions.....			--	
Personnel Commission Services:				
Present Positions.....	119	172	180	
Additional Positions.....			--	
Uniform Allowances:				
Present Positions.....			--	
Additional Positions.....			--	
Other (Specify):				
Present Positions.....				
Additional Positions.....			--	
TOTAL Present Positions.....	3,554	3,914	4,139	
TOTAL Additional Positions.....				
TOTAL - To Schedule 5	3,554	3,914	4,139	

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STATE OF ARIZONA
PROFESSIONAL AND OUTSIDE SERVICES

Agency Name Board of Technical Registration

Program _____

SCHEDULE 12

Type of Service	Description, Justification and Expected Results	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973
Computer	Maintaining current file of registrants, producing and mailing renewal notices and receipts: Systems design & programming Updating computer file Computer production -----	1,490 194 1,000	-- 300 1,000	-- 400 1,100
Preparation and grading of Examinations	National Council of Engineering Examiners National Council of Architectural Regis. Boards Council of Landscape Arch. Registration Boards Local-University Staff, etc. -----	1,284 1,897 50 4,300	1,650 3,150 100 5,200	1,800 3,500 150 6,200
Investigations	Services of professional investigators as necessary to verify complaints under ARS 32-128,B -----	869	1,800	3,500
See Page 13 TOTAL - To Schedule 5		11,084	13,200	16,650

02952

STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency Name Board of Technical Registration Program

SCHEDULE 12 -- Professional and Outside Services

The COMPUTER at the Finance Department was programmed for the issuance of renewal notices and receipts in 1970-1971. To keep the file current, it is updated to reflect new registrants, changes of address, deceased or lapsed registrants. This is done throughout the year and the renewal notices are produced in October. The amount of \$1,500 requested for this service is an increase of \$200 over 1971-1972. The use of this service has precluded the need for additional clerical staff to handle the increasing workload.

EXAMINATION preparation and grading prices have increased for 1971-1972. The number of examinations written varies with the requirement for applicants to take all, part, or no exams as decided by the Board. Estimates must also provide for permitting repeat exams until the candidate achieves a passing grade. The examination procedure is a vital step in obtaining evidence of satisfactory qualifications. The amount of \$11,700 requested for national and local preparation and grading provides for a 10% increase in price and a 10% increase in volume.

INVESTIGATIONS have been conducted on receipt of major complaints and appropriate action taken in a small number of cases. It is now considered necessary to strengthen this phase of the program to curb the increasing number of violations coming both formally and informally to the attention of this office and to the members of the Board. The use of professional investigators is considered to be an effective approach at this time. The requested amount of \$3,500 is considered as a step to expand this project and result in curtailed violations of the law.

STATE OF ARIZONA
TRAVEL - STATE

Agency Name Board of Technical Registration

Program _____

SCHEDULE 13

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
Mileage.....	1,883	2,300	2,500	200	
Subsistence.....	1,523	1,800	1,900	100	
Public Transportation.....					
Vehicle Expense.....					
Other.....					
TOTAL - To Schedule 5	3,406	4,100	4,400	300	
	1970-1971	1971-1972	1972-1973	<u>Increase</u>	
STATE OWNED VEHICLES:					
Number Owned.....					
Miles Driven:.....					
PRIVATELY OWNED VEHICLES:					
Number of Employees driving - under 10,000 miles per year.....					
10,000 - 20,000 miles per year.....					
over 20,000 miles per year.....					

Purpose(s) of Travel and Justification for Increase:

See Page 15

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STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency Name Board of Technical Registration Program _____

SCHEDULE 13 - TRAVEL - STATE

With the recent appointment of a landscape architect, the Board now consists of nine members, appointed from different locations within the State. Board meetings and committee meetings are a vital part of the registration process since final decision on any application is the responsibility of the Board. These meetings involve travel, including staff members if the meeting is outside of Phoenix or travel by Board members to Phoenix meetings if they reside elsewhere.

Staff travel is necessary for examination arrangements and proctoring as the examinations are held in both Tempe and Tucson. Investigation of complaints may result in extensive staff travel and may also require attendance at hearings or court proceedings in other cities.

The estimate of \$4,100 for 1971-72 is based on the above requirements and the increase of \$300 for 1972-73 provides \$200 for additional workload and \$100 for investigative program expansion.

STATE OF ARIZONA
TRAVEL - OUT-OF-STATE

Agency Name Board of Technical Registration

Program _____

SCHEDULE 14

Purpose	Number of		COST OF TRIP			
	Days	People	Public Transportation	Subsistence	Other	Total
Annual Conference - National Council of Engineering Examiners	4	2	460	240	190	890
Annual Conference - National Council of Architectural Registration Boards	4	2	460	240	190	890
Annual Conference - Council of Landscape Architectural Registration Boards	3	1	230	90	10	330
Annual Work Session - Western Zone, National Council of Engineering Examiners	3	2	380	180	100	660
Annual Work Session - Western Region, National Council of Architectural Registration Boards	3	2	380	180	20	580
Justification for increase over 1971-1972 travel amount: See Page 17						TOTAL - To Schedule 5 3,350

02956

STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency Name Board of Technical Registration

Program _____

SCHEDULE 14 - TRAVEL - OUT-OF-STATE

At the present time there is considerable pressure by certain groups to lower the standards of experience and other qualifications for registration. The Arizona Board, in conformance with ARS 32-101(A), cannot work in comity with other State boards unless their standards are in reasonable accord with our own.

The most effective influence in this regard is attained by participation of Arizona Board Members at the annual meetings of the national organizations who provide a major part of our examination material. These are the National Council of Architectural Registration Boards, the National Council of Engineering Examiners, and the Council of Landscape Architectural Registration Boards. The Architectural and Engineering Boards also have Western Zone Conferences which are very influential with the national councils.

Thus, the need for active participation is now essential for the maintenance of adequate standards. Although all dates and locations for meetings are not yet determined, it is known that there will be three annual meetings at which at least two Board members should participate, and two zone conferences at which two Board members and a staff representative should be present. The amount of \$3,350 is considered necessary to activate this project, beginning in 1971-72, and no increase is requested for 1972-73. The amount does not provide for any contingencies such as unscheduled meetings.

STATE OF ARIZONA
OTHER OPERATING EXPENDITURES

Agency Name Board of Technical Registration

Program _____

SCHEDULE 16

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
Occupancy Expense.....	6,848	7,388	7,888	500	
Warehouse and Storage Expense.....					
Maintenance and Repairs.....	103	200	100	(100)	
Office Supplies.....	3,930	4,550	4,550	--	
Data Processing Supplies.....					
Institutional and Household Supplies.....					
Field Supplies.....					
Vehicle Supplies.....					
Manufacturing Supplies.....					
Communication and Shipping Expense.....	8,285	10,210	10,560	350	
Rental of Equipment.....	833	1,000	1,000	--	
Entertainment.....					
Dues and Subscriptions.....	1,452	1,540	1,540	--	
Insurance.....					
Education and Training.....					
Other (Specify).....					
TOTAL - To Schedule 5	21,451	24,888	25,638	750	

02958

STATE OF ARIZONA
OTHER OPERATING EXPENDITURES
OCCUPANCY EXPENSE

Agency Name Board of Technical Registration

Program _____

SCHEDULE 17

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
Rent.....	6,808	7,328	7,328	--	
Utilities.....					
Maintenance and Repairs.....					
Insurance.....					
Other (Specify) *... Janitor Services.....	40	60	60	--	
Moving Expenses			500	500	
TOTAL - To Schedule 16	6,848	7,388	7,888	500	

FOR EACH FACILITY RENTED
1972-1973

LOCATION	Number of Square Feet	Cost Per Square Foot	Total Amount For Each Location	Governor's Recommendation
3550 N. Central Ave., Suite 923 (lease agreement)	1,084	6.50 + 4% tax	7,328	

Justification for Increase:

02959

STATE OF ARIZONA
OTHER OPERATING EXPENDITURES
MAINTENANCE AND REPAIRS

Agency Name Board of Technical Registration

Program _____

SCHEDULE 19

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
Parks and Grounds.....					
Furniture, Fixtures and Equipment.....	103	200	100	(100)	
Shop, Construction and Maintenance Equipment.....					
Highways, Bridges and Roads.....					
Other (Specify).....					
TOTAL - To Schedule 16	103	200	100	(100)	

Justification for Increase:

02960

STATE OF ARIZONA
OTHER OPERATING EXPENDITURES
COMMUNICATION AND SHIPPING EXPENSE

Agency Name Board of Technical Registration

Program _____

SCHEDULE 21

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
Printing..... (Annual Report)	3,500	3,800	3,800		
Advertising.....					
Reporting and Recording.....	350	700	700		
Postage.....	2,723	3,650	4,000	350	
Telephone and Telegraph.....	1,660	2,000	2,000		
Telecommunications.....					
Freight, Express, Drayage and Messenger.....	52	60	60		
Other (Specify).....					
TOTAL - To Schedule 16	8,285	10,210	10,560	350	

Justification for Increase:

Postage: The anticipated increase in volume of applications and registrations will require additional correspondence and postage.

02961

STATE OF ARIZONA
OTHER OPERATING EXPENDITURES
RENTAL OF EQUIPMENT

Agency Name Board of Technical Registration

Program _____

SCHEDULE 22

Expenditure Classification	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973	Amount of Increase (Decrease)	Governor's Recommendation
Data Processing Equipment.....					
Reproduction Equipment.....	833	1,000	1,000		
Shop, Construction and Maintenance Equipment.....					
Other (Specify).....					
TOTAL - To Schedule 16	833	1,000	1,000		

Justification for Increase:

02962

STATE OF ARIZONA
 OTHER OPERATING EXPENDITURES
 DUES, SUBSCRIPTIONS AND TECHNICAL PUBLICATIONS

Agency Name Board of Technical Registration Program _____ SCHEDULE 23

Name of Organization or Publication	Actual Expenditures 1970-1971	Estimated Expenditures 1971-1972	Budget Request 1972-1973
National Council of Engineering Examiners	705	725	725
National Council of Architectural Registration Boards	275	325	325
Council of Landscape Architectural Registration Boards	100	100	100
Western Region, National Council of Architectural Registration Boards	331	350	350
Miscellaneous Publications	41	40	40
TOTAL - To Schedule 16	1,452	1,540	1,540

Justification for increase over 1971-1972:

02963

STATE OF ARIZONA
EQUIPMENT AND OTHER ITEMS

Agency Name Board of Technical Registration

Program _____

SCHEDULE 26

Type of Equipment and Description	N	R	Justification	Amount
Dictating equipment	X		Anticipated workload increase	334
Furnishings - new building	X		Contingency to cover items not in building contract -- such as floor coverings, window shades, etc.	1,300
TOTAL - To Schedule 5				

02964

REPORT OF THE BUDGET COMMITTEE - Cont'd.

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the tentative budget as submitted to the Commissioner of Finance be approved. Motion carried.

Approval was requested for purchase of the following office equipment:

6 Chairs for Board room	\$600.00
1 Filing Cabinet, letter size, 5 drawer w/lock (for examination material)	85.00
1 Transcriber to use for dictating in conjunction with present tape recorder	150.00
1 Calculating machine	345.00

It was moved by Mr. Girand and seconded by Mr. Knickerbocker we purchase the office equipment as listed. Motion carried.

REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #1, as shown on Minute Page 2966, was presented for the Board's information.

READING OF COMMUNICATIONS

A letter from Aubrey Banks, File #70-501, Architect, requesting review of his failed June, 1971, examination, was presented. Mr. Vanlandingham stated that the Architectural Examination Committee in the past had not permitted the examinee to look at his individual examination but would advise the individual where he was lacking on the examination. It was directed that the Architectural Examination Committee review Mr. Banks' examination and advise him of his weak points.

A letter from Mr. Howard W. Effinger, California State Board of Architectural Examiners, regarding M. Tomay Ybly, a registered Arizona Architect, No. 5035, and registered Arizona Structural Engineer, No. 5036, was presented. It was the consensus of the Board that this letter be placed in the registrant's file.

NEW BUSINESS

A complaint, filed under oath, from Herman Tannenbaum of Roadrunner Lake Parks, Inc., against the firm of Donald B. Schwern, Architect, Inc., as shown on Minute Page 2967, was presented together with the results of the investigation, as shown on Minute Page 2968.

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that a letter be written to Roadrunner Lake Parks, Inc., stating after investigation by our staff, we have determined that there has been no violation of the State law and we further note that the architect was not employed to supervise or inspect the construction. Motion carried.

Continued on Page 2969

CASH FLOW REPORT - #1

DATE: August 31, 1971

Balance on Deposit as of July 1, 1971 - \$54,975.95
 Balance on Deposit as of Report Date - \$56,894.30 Total Appropriated Receipts to Date: \$1,918.35
 Unencumbered Balance as of Report Date - \$44,905.54

LUMP SUM APPROPRIATED \$93,225.00

Code	Expenditures	Amount
7112.0	Salaries	\$6,286.32
7153.0	FICA	245.51
7155.0	State Retirement	314.32
7163.0	Bond for Revolving Fund	10.00
7219.0	Professional Services	105.00
7221.0	State Travel	64.90
7232.0	Out-of-State Travel	649.60
7251.0	Rent - Office	1,905.24
7272.0	Maintenance & Repairs	42.00
7280.0	Office Supplies	573.49
7334.0	Postage & Postage Meter	298.43
7335.0	Telephone	135.51
7360.0	Dues & Subscriptions	40.60
7913.0	Revolving Fund	200.00
7921.0	Refunds	<u>27.00</u>

Amount Spent to Date \$10,897.92

BALANCE FOR YEAR \$82,327.08

Very Truly
 Norman Tannenbaum
 Assistant Secretary

[Faint handwritten notes and signatures]

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7334.0	Postage & Postage Meter	298.43
7335.0	Telephone	135.51
7360.0	Dues & Subscriptions	40.60
7913.0	Revolving Fund	200.00
7921.0	Refunds	<u>27.00</u>

Amount Spent to Date

\$10,897.92

BALANCE FOR YEAR

\$82,327.08

Very truly
 Yours,
 Norman Tannenbaum
 Assistant City

[Handwritten signature and notes]

Season expires by Councilman Expires Aug 21, 1972



02967

June 14, 1971

RECEIVED

JUN 15 1971

STATE BOARD TECHNICAL REGISTRATION

STATE BOARD OF TECHNICAL REGISTRATION
3550 North Central Avenue
Phoenix, Arizona 85012

Gentlemen:

We hereby file a complaint against the firm of Donald B. Schwenn, Architect, Inc., 4524 North 12th Street, Phoenix, Arizona 85014. This firm prepared drawings for the installation of 12 Shuffleboards at our Travel Trailer Park. This drawing was labeled Sheet No. S-1 of job No. 6939G and date issued was June 30, 1970.

Our complaint is as follows:

1. Drawing did not indicate certain necessities such as strength of concrete, tolerance, proper finish of playing area: and did not show the tapering of gutters at the correct point.
2. Specifications were not prepared.
3. Drawing was not properly prepared according to National Shuffleboard Association regulations.

It is therefore requested that action be taken against this Architectural firm.

HT/lt

CC: Donald B. Schwenn

Very truly yours,

ROADRUNNER LAKE PARKS, INC.

Herman Tannenbaum
Herman Tannenbaum
Assistant Sec'y

Subscribed and sworn to before

me this 15th day of June, 19 71

William J. Zuka
Notary Public

My commission expires My Commission Expires March 21, 1975

COMPLAINT - ROADRUNNER LAKE PARKS, INC.

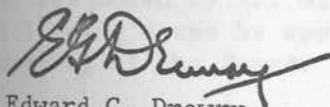
In discussion with Mr. Tannenbaum on June 23, he asserted that the shuffleboard courts are not level, varying 1/16" to 5/8", and that some cracking of the concrete is evident. He, also, stated that the slope at the back of the courts does not conform with National Shuffleboard Association regulations. Further, the contractor has offered to assume 1/3 of the cost of rectification by grinding, but the architect has refused to assume any part of that cost.

Mr. Gerald L. Clark, registered architect #6069, visited the office June 24th at my request, representing the firm of Schwenn and Clark, Architects, Phoenix, Arizona.

Mr. Clark's stated position is that they were requested only to supply a drawing from which shuffleboard courts had been previously constructed for another customer, and that Roadrunner undertook to have their contractor build the courts without supervision or inspection by Schwenn and Clark; and had themselves prepared the bases for the concrete. Mr. Clark furnished me with a drawing labeled Sheet No. S-1 of Job No. 6939G.

Since this preliminary investigation has indicated no evidence of gross negligence, incompetence or misconduct, it is recommended that no further action be taken with regard to the Roadrunner complaint.

Respectfully submitted,



Edward G. Drewry
Executive Director

NEW BUSINESS - Cont'd.

The Executive Director reported on a complaint received from Donovan Seaboch, Architect, against Logan E. Campbell, Architect.

The complaint was withdrawn by Mr. Seaboch after a meeting was held at his request. The Executive Director was instructed not to permit meetings with contesting parties present and to report complaints to the Chairman of the Board before investigating.

Mrs. Stirley Cantor, Assistant Attorney General, reported that Mr. Mark Harrison, attorney for Technical Advisory Service, Inc., was preparing a procedure for activities of that company in conformance with the Code.

A letter from George C. Leiphart, Director, Planning Division of the Department of Finance, was presented. It informed the Board of the proposed office space in the new Occupational Licensing Building and that the architectural firm of Schwenn and Clark & Assoc., Inc., would meet with this agency on their specific needs. It was directed that the Executive Director inform Mr. Wyatt and Mr. Vanlandingham when the meeting would be held with this architectural firm.

Dr. Newlin reported that he had been appointed to the Ethics Committee of the Engineering Council for Professional Development by the National Council of Engineering Examiners and that they would be meeting in San Francisco, California, October 4-5, 1971. He requested approval of this travel by the Board. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that Dr. Newlin be authorized to attend this meeting. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that the following dates be approved for the next committee meetings and regular meeting of the Board. Motion carried.

November 9, 1971 - Architectural and Landscape Architectural
9:00 A.M. Evaluation Committees' meeting in Phoenix

November 10, 1971 - Engineering Examination Committee meeting
9:00 A.M. on review of December examinations

10:00 A.M. Engineering Evaluation Committee meeting

November 11 and 12- Engineering Evaluation Committee meeting
1971, 9:00 A.M. in Phoenix

December 10, 1971 - Regular meeting of the Board in Phoenix

Mr. Girand requested that the Engineering Examination Committee when reviewing the examinations for Fundamentals, closely examine the cut-off points which the Board receives from the National Office after the December examinations.

As directed at the June Board meeting, a plaque was secured for the past Chairman and Mr. Dryden presented same to Mr. Vanlandingham with the Board's appreciation for his leadership during his tenure.

ADJOURNMENT

It was moved by Mr. Wyatt and seconded by Mr. Wallace that the meeting be adjourned at 3:00 P.M. Motion carried.

[Signature]
CHAIRMAN

[Signature]
SECRETARY

ABSENT

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee, consisting of Messrs. Bryan, Keady, Ruffenberger, ... after the Engineering Evaluation Committee meeting ... approved the recommendations of those applicants held ... on September 17, 1991, be approved as presented.

REPORT OF THE RULES & BY-LAWS COMMITTEE

The Board reported that the committee had not held any meetings and there were no reports.

REPORT OF THE LEGISLATIVE COMMITTEE

There were no reports from this committee.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEE

The Architectural Evaluation Committee meeting report ... It was moved by ... that this report of the Architectural ... be accepted and implemented by the Board. Motion carried.

The Engineering Evaluation Committee meeting ... It was moved by ... that this report of the Engineering ... be accepted and implemented by the Board. Motion carried.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

DECEMBER 10, 1971

The meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the office of the Board, 3550 North Central Avenue, Suite 923, Phoenix, Arizona, at 9:10 A.M.

PRESENT

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

ABSENT

It was moved by Mr. Place and seconded by Mr. Knickerbocker that the minutes of the meeting of the Board on September 17, 1971, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee, consisting of Messrs. Dryden, Newlin, Knickerbocker, Wyatt and Vanlandingham, after the Engineering Evaluation Committee meeting on November 12, 1971, approved the recommendations of those applicants held for the December, 1971, examinations, as shown on Minute Page 2977, permitting them to take the examination prior to this Board meeting.

REPORT OF THE RULES & BY-LAWS COMMITTEE

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

REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Wallace stated that there had been no meetings and no report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of November 9, 1971, as shown on Minute Pages 2972 and 2973. It was moved by Mr. Vanlandingham and seconded by Mr. Place that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Wyatt presented the Landscape Architectural Evaluation Committee meeting report of November 9, 1971, as shown on Minute Page 2974. It was moved by Mr. Wyatt and seconded by Mr. Bowlsby that the report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

DATE: November 9, 1971

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

The Architectural Evaluation Committee met on November 9, 1971, in Phoenix, Arizona, with the following members present:

Lew Place
 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:

Bishop, Jerome Holland, III	71-370	Lucas, Arthur C., Jr.	71-222
Botich, Marko Eugene	71-418	Obata, Gyo	71-243
Brandt, Peter Busch	71-319	Pomeroy, Leason Fredrick	71-387
Cooke, James Herbert	71-390	Porter, Neil Claiborne, Jr.	71-332
Del Campo, Martin B.	71-316	Sancho, Raymond Charles	71-394
Duerr, Edward Harold	71-320	Severa, Donald Anthony	71-290
Escudero, Raymond	71-356	Shelden, Thomas Alvah	71-410
Frimodig, John Rennell	71-276	Thompson, Warren Douglas	71-400
Garcia, Louis Bertram	71-388	Ulmer, William Barney	71-389
Grieb, Donald L.	71-135	Wright, Boyd Arnold	71-373
Higgins, Laurence Stockton	71-267	Roth, Louis Henry	71-471

- 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 written examinations indicated:

Applicants held for the December, 1971, examinations:

Buchanan, Carl, Jr.	71-416	D,E,F,H
Baron, Kathryn Marie	71-411	D,E,F,H
Clemons, Loy Ray	71-392	C,D,E,F,G,H,I
Cornoyer, Jeffrey Merle	71-374	D,E,F,H
Craig, Robert Allen	71-375	C,D,E,F,G,H,I
Dickinson, Loren Alfred, Jr.	71-372	C,D,E,F,G,H,I
Gilbertson, James Charles	71-396	D,E,F,H
Grygutis, James Edward	71-369	C,D,E,F,G,H,I
Hedrick, Robert Gene	71-321	E,F,H,I
Hoagland, George Coleman	71-371	D,E,F,H

II. Continued

Moos, Stephen Leon	71-391	C,D,E,F,G,H,I
Mrozinski, Robert Walter	71-357	C,D,E,F,G,H,I
Osland, Rolf Olaf	71-395	C,D,E,F,G,H,I
Powers, Joseph Michael	71-397	C,D,E,F,G,H,I
Purtill, Frank Joseph	71-366	C,D,E,F,G,H,I
Reif, Richard Murray	71-342	C,D,E,F,G,H,I
White, Edward T., III	71-317	C,D,E,F,G,H,I

Applicants held for the June, 1972, examinations:

Kopecek, Josef Robert	71-318	C,D,E,F,G,H,I
Merritt, Bernard Jason	71-89	F,G,H,I

- III. The following applicant having been advised that he must submit a treatise and problem 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:

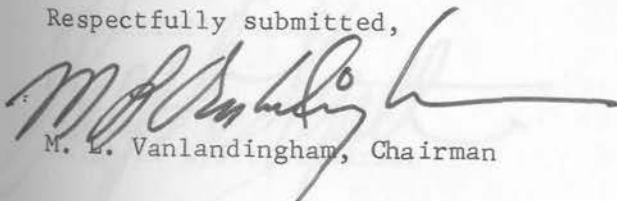
York, John Garth	71-139
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- IV. The following applicant having been advised twice he was scheduled to appear before the committee and for his failure to do so, the committee recommends to the Board that he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Hammega, Johan M.	71-194
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The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,



M. L. Vanlandingham, Chairman

DATE: November 9, 1971

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

The Landscape Architectural Evaluation Committee met on November 9, 1971, in Phoenix, Arizona, with the following members present:

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

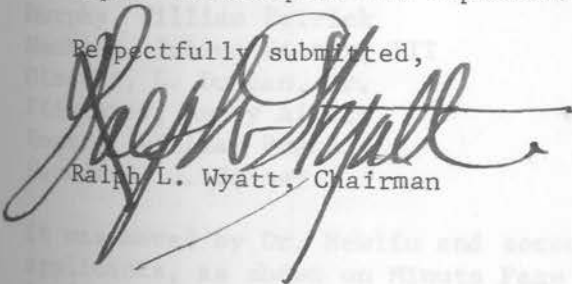
There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendation shown regarding their professional registration in Arizona:

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:

- Orchard, Robert Aland 71-308
- Royston, Robert Norman 71-226

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

Respectfully submitted,


Ralph L. Wyatt, Chairman

- 71-224 Mechanical Engineer
- 71-476 Engineer-in-Training
- 71-113 Geologist
- 71-158 Industrial Engineer
- 69-97 Mechanical Engineer
- 68-343 Architect
- 71-113 Land Surveyor
- 71-158 Civil Engineer
- 69-97 Highway Engineer
- 68-343 Civil Engineer

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

Dr. Newlin presented the Engineering Evaluation Committee meeting report of November 10, 11, and 12, 1971, as shown on Minute Pages 2976, 2977 and 2978. It was moved by Dr. Newlin and seconded by Mr. Girand that the report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Ralph L. Scarfuri, #70-429, Civil Engineer, requested waiver of Rule II, A-2, due to his Mother's illness, necessitating a trip to Chicago at the time of the December, 1971, examinations, and that he be permitted an extension to the April, 1972, examinations. It was moved by Mr. Girand and seconded by Dr. Newlin that Mr. Scarfuri be granted an additional extension and he be permitted to take the examination when next offered in April, 1972. Motion carried.

The Schedule of the Engineering Examinations in April, 1972, was presented and it was moved by Dr. Newlin and seconded by Mr. Girand that the schedule as shown on Minute Page 2979 be approved as presented. Motion carried.

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

Beene, John Martin	70-64	Civil Engineer
Boyer, Watson Frederick	71-176	Mechanical Engineer
Brooks, Jerry Wayne	70-108	Engineer-in-Training
Conley, Jack Noble	70-472	Geologist
Gray, Robert William, Jr.	70-8	Industrial Engineer
Kenna, Roy Austin	70-416	Industrial Engineer
Mondero, John Francis	71-116	Mechanical Engineer
Murphy, William Patrick	68-224	Electrical Engineer
Neuhaus, Julius Victor, III	71-426	Architect
Olmsted, L. Duncan, Jr.	71-115	Land Surveyor
Pfisterer, Henry Albert	71-168	Civil Engineer
Rogers, William Brant	69-37	Highway Engineer
Saunders, J. Sidney	68-343	Civil Engineer

It was moved by Dr. Newlin and seconded by Mr. Girand that the following applicants, as shown on Minute Page 2980, 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.

It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that Mr. Louis Henry Roth be granted registration as an Architect and assigned registration number 8214 subject to receipt of recommendations which are acceptable to the Evaluation Committee. Motion carried.

DATE: November 12, 1971

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

The Engineering Evaluation Committee met on November 10, 11, and 12, 1971, 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 that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 are hereby recommended for registration:

CIVIL ENGINEERING

Ahmad, Syed Zafar	71-234
Andrews, William Edwin	71-264
Appel, Marvin Robert	71-383
Betzold, Nicholas W.	71-360
Carder, William Franklin	71-380
Cheney, Richard Philip	71-350
Coffelt, Lloyd Cheaney	71-362
Durtschi, Don L.	71-147
Gregg, Robert C.	71-355
Hawkins, Clark Atkinson	71-232
Huang, Lin Yao	71-212
Jewell, Donald Martin	71-326
Johnson, Barnard Charles	71-302
Johnson, Charles Andrew	71-288
Kirkpatrick, Gerald Lee	71-377
Lawrence, Dan Roger	71-361
Long, Jack Yervant	71-297
Marvi, Nat Lee	71-180
Miller, Arthur John	71-301
Moseke, Richard Marvin	71-323
Nikola, Herbert Charles	71-262
Raley, Jack Holland	71-378
Scott, Benson Graham	71-296
Shah, Bhalchandra U.	71-347
Thompson, George Weldon	71-381
Welbourn, John Timothy	71-311
Wismer, Vincent William	71-298
Young, William Lawson	71-354
Zumwalt, Deryl Boone	71-270

ELECTRICAL ENGINEERING

Baltes, Robert T.	71-250
Eagan, Fred Ervan	71-349
Endahl, John Charles, Sr.	71-268
Kazimierczak, Michal	71-269
Leipold, Wayne H.	71-246
Love, Daniel Joseph	71-294
Low, David Kum	71-367
Lutz, Robert Edward	71-340
Mendoza, Steve Robert	71-271
Silva, Manuel Trujillo	71-336

HIGHWAY ENGINEERING

Boling, Oscar Clay	71-283
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MECHANICAL ENGINEERING

Gough, James Arthur	71-351
Grove, Donald Everett	71-292
Harris, Donald Arthur	71-275
Homer, William Albert	71-256
Housiaux, John E.	71-337
Hutchings, Selar Stephen, Jr.	71-359
Robbins, Roland Whitney, Jr.	71-274
Sligh, Russell Cline	71-338
Stannard, James Hewlett, Jr.	71-261
Stevens, Alexander Michael	71-352

SANITARY ENGINEERING

McCaldin, Roy Oeland	71-263
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Continued.....

I. Continued

STRUCTURAL ENGINEERING

Colaco, Joseph Phillip	71-303
Samartano, James Anthony	71-368
Wolf, Enrico Harry	71-331

GEOLOGY

Kellogg, John Pardon	71-379
Wright, Jerome J.	71-251

ASSAYING

Durazo, Felix K.	71-227
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LAND SURVEYING

Galt, Harry Leighton	71-284
Harness, Darrell Troy	71-348
Robinson, Harold Elmer	71-310
Smith, Marvin Russell	71-289
Stevens, Howard Geroy	71-379
Whitmore, Robert George	71-325
Willis, Denzil Lee	71-312

- 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, 1971, written examinations:CIVIL ENGINEERING

Coe, John Ellis	71-287	Parts 3 and 4
Davis, Wilford Ervin	71-299	Parts 3 and 4
Duffy, Dennis Michael	71-334	Parts 3 and 4
Fisk, William Howard	71-305	Parts 3 and 4
Francom, Paul Glen	71-365	Parts 3 and 4
French, David Kent	71-286	Parts 3 and 4
Frisby, Jose R.	71-282	Parts 3 and 4
Glenn, Edward Stanley	71-293	Parts 1, 2, 3 and 4
Harris, John Thornton	71-322	Parts 3 and 4
McDowell, Robert Garrett, Jr.	71-307	Parts 3 and 4
Morris, James Lee	71-363	Parts 3 and 4
Powell, Joseph Edwin	71-295	Parts 3 and 4
Richards, Glendon Lee, Jr.	71-249	Parts 3 and 4
Werhan, Ronald W.	71-346	Parts 3 and 4

ELECTRICAL ENGINEERING

Kirsch, James David	71-324	Parts 3 and 4
Lane, John Raymond	71-382	Parts 3 and 4
Martins, William Joseph	71-170	Parts 3 and 4
Smith, David Alastair	71-272	Parts 3 and 4

HIGHWAY ENGINEERING

Burgin, Edward William	71-273	Parts 1, 2, 3 and 4
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MECHANICAL ENGINEERING

Every, John David	71-304	Parts 3 and 4
Haak, Charles Edward	71-279	Parts 1, 2, 3 and 4
Maggs, Charles Alfred	71-339	Parts 3 and 4

STRUCTURAL ENGINEERING

Campbell, Clarence Howard	71-364	Parts 3, 4, 5 and 6
Pilmanis, Ervin	71-309	Parts 5 and 6

LAND SURVEYING

Woolery, Robert Crow	71-313	Parts 3 and 4
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II. Continued

Applicants held for the April, 1972, written examinations:

CIVIL ENGINEERING

Pilcher, Delbert Lewis 71-344 Parts 3 and 4

HIGHWAY ENGINEERING

Saban, Johnny 71-285 Parts 1, 2, 3 and 4

MECHANICAL ENGINEERING

Goebel, Eugene Carl 71-300 Parts 3 and 4

MINING ENGINEERING

Littrell, Jimmie Arnold 71-306 Parts 3 and 4

STRUCTURAL ENGINEERING

Revai, Paul 71-386 Parts 5 and 6

LAND SURVEYING

Rudd, Richard James 70-350 Parts 1, 2, 3 and 4

III. The committee reviewed the requests for waiver of Rule II, A(1) and (2) by the following applicants who have already been granted an extension last April and recommends to the Board they be granted an extension to the April, 1972, written examinations:

Kirdar, Edib "Ed"	69-270	Civil Engineer
Duffy, Jack Edwin	69-229	Mechanical Engineer

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

Respectfully submitted,

CW Newlin

C. W. Newlin, Chairman

I. SATURDAY, APRIL 22, 1972

- TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY.
- TUCSON, ARIZONA - Report to Rooms 202 and 206, Geology Bldg. 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 23, 1972

- TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY.
- TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Bldg. at the UNIVERSITY OF ARIZONA.

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

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

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

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

III. MONDAY, APRIL 24, 1972

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

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

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

ARCHITECTURE

Bishop, Jerome Holland, III	8127
Botich, Marko Eugene	8213
Brandt, Peter Busch	8128
Cooke, James Herbert	8129
Del Campo, Martin B.	8146
Duerr, Edward Harold	8130
Escudero, Raymond	8131
Frimodig, John Rennell	8132
Garcia, Louis Bertram	8133
Grieb, Donald L.	8134
Higgins, Laurence Stockton	8135
Lucas, Arthur C., Jr.	8136
Obata, Gyo	8137
Pomeroy, Leason Fredrick, III	8138
Porter, Neil Claiborne, Jr.	8139
Sancho, Raymond Charles	8140
Severa, Donald Anthony	8141
Shelden, Thomas Alvah	8142
Thompson, Warren Douglas	8143
Ulmer, William Barney	8144
Wright, Boyd Arnold	8145
Roth, Louis Henry	8214
<u>CIVIL ENGINEERING</u>	
Ahmad, Syed Zafar	8147
Andrews, William Edwin	8148
Appel, Marvin Robert	8149
Betzold, Nicholas W.	8150
Carder, William Franklin	8151
Cheney, Richard Philip	8152
Coffelt, Lloyd Cheaney	8153
Durtschi, Don L.	8154
Gregg, Robert C.	8155
Hawkins, Clark Atkinson	8156
Huang, Lin Yao	8157
Jewell, Donald Martin	8158
Johnson, Barnard Charles	8159
Johnson, Charles Andrew	8160
Kirkpatrick, Gerald Lee	8161
Lawrence, Dan Roger	8162
Long, Jack Yervant	8163
Marvi, Nat Lee	8164
Miller, Arthur John	8165
Moseke, Richard Marvin	8166
Nikola, Herbert Charles	8167
Raley, Jack Holland	8168
Scott, Benson Graham	8169
Shah, Bhalchandra U.	8170
Thompson, George Weldon	8171
Welbourn, John Timothy	8172
Wismer, Vincent William	8173
Young, William Lawson	8174
Zumwalt, Deryl Boone	8175

ELECTRICAL ENGINEERING

Baltes, Robert T.	8176
Eagan, Fred Ervan	8177
Endahl, John Charles, Sr.	8178
Kazimierczak, Michal	8179
Leipold, Wayne H.	8180
Love, Daniel Joseph	8181
Low, David Kum	8182
Lutz, Robert Edward	8183
Mendoza, Steve Robert	8184
Silva, Manuel Trujillo	8185

HIGHWAY ENGINEERING

Boling, Oscar Clay	8186
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MECHANICAL ENGINEERING

Gough, James Arthur	8187
Grove, Donald Everett	8188
Harris, Donald Arthur	8189
Homer, William Albert	8190
Housiaux, John E.	8191
Hutchings, Selar Stephen, Jr.	8192
Robbins, Roland Whitney, Jr.	8193
Sligh, Russell Cline	8194
Stannard, James Hewlett, Jr.	8195
Stevens, Alexander Michael	8196

SANITARY ENGINEERING

McCaldin, Roy Oeland	8197
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STRUCTURAL ENGINEERING

Colaco, Joseph Phillip	8198
Samartano, James Anthony	8199
Wolf, Enrico Harry	8200

GEOLOGY

Kellogg, John Pardon	8201
Wright, Jerome J.	8202

LANDSCAPE ARCHITECTURE

Orchard, Robert Aland	8203
Royston, Robert Norman	8204

ASSAYING

Durazo, Felix K.	8205
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LAND SURVEYING

Galt, Harry Leighton	8206
Harness, Darrell Troy	8207
Robinson, Harold Elmer	8208
Smith, Marvin Russell	8209
Stevens, Howard Geory	8210
Whitmore, Robert George	8211
Willis, Denzil Lee	8212

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

ENGINEER-IN-TRAINING

Baranski, Timothy G.	1019
Cooper, Howard M.	1020
Eichenauer, Eric Quddus	1021
Garchar, Ronald E.	1022
Hill, James Robert	1023
Shweid, Gary Bruce	1024

It was moved by Dr. Newlin and seconded by Mr. Girand that the following applicants for in-training certification having been certified by the Deans of College of Engineering, under Rule II.C.6, be granted registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Brown, DeWayne L.	1025
Johnson, Kendahl J.	1026
Lawson, John	1027
Mingua, Charles Clayton	1028
Stadler, Raymond William	1029

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Dr. Newlin reported on his attendance in San Francisco at the Engineer's Council for Professional Development meeting. He stated there were several things that happened which will not affect this Board immediately but in the long run it will. It was the first time ECPD has taken any solid action in 15 years. The committee voted to accredit engineering institutions at two levels, basic degrees and advanced degrees. They voted to use the term Bachelor and Master which essentially means we will have an accredited curricula at a given institution with a Masters' degree and some with a Bachelor's degree. This trend will see more engineering students having a professional school of engineering comparable to law or medicine. The committee also decided to accredit two and four-year degree curricula in technology. An indication of future requirements of registration for applicants would be they take all four parts of the examination upon graduation and after four years of actual experience they would appear before their peers to evaluate their experience for professional registration.

Chairman Dryden accepted the above report of Dr. Newlin.

REPORT OF THE BUDGET COMMITTEE

Mr. Knickerbocker reported that since the budget for fiscal year 1972-73 had been presented to the Finance Commissioner, several developments had arisen, as shown on Minute Page 2982. It was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the recommendations as listed on the Budget Report be approved. Motion carried.

BUDGET REPORT

Data Processing

The renewal notices for 1972 were not accurately prepared by the Data Processing Division of the Finance Department.

After several discussions, assurance has been given by new personnel in that division that the project has now been correctly programmed and that the job will be done properly for the ensuing year at a cost of approximately \$1,750. The cost of \$1,194 in 1970-71, from which an estimate of \$1,300 was made for 1971-72 and \$1,500 was requested for 1972-73.

Mr. Alan Carroll, the budget analyst assigned to this agency, has informed us that he will increase the \$1,500 figure to \$2,500 for 1972-73, as a result of his discussion with the data processing division. This will change the total for Professional and Outside Services from \$16,650 to \$17,650.

Travel - Out-of-State

Mr. Carroll has informed us that the Budget Division will recommend \$2,200 for 1972-73, a reduction of \$1,150 from the requested amount.

Annual Report

The Purchasing Division has a low bid of \$4,330 for printing the 50th Annual Report. The cost of the 49th report was \$3,500, the estimate for 1971-72 was \$3,800, and the request for 1972-73 was \$5,000. Mr. Carroll has indicated that the Budget Division will recommend an amount of \$5,000 for 1972-73 if the request is revised.

Equipment & Other Items

The request of \$1,634 will not be recommended. \$1,300 was requested as a contingency to cover items not in the building contract. Mr. Carroll informs us that this will be done by Public Buildings Maintenance if required. The item of \$334 for dictating equipment will be disallowed.

Effect on Total Budget Request for 1972-73Deletions

Out-of-State Travel	\$1,150
Equipment, etc.	1,634
Total Deletions	<u>\$2,784</u>

Additions

Data Processing	\$1,000
Annual Report	1,200
Total Additions	<u>\$2,200</u>

Net Deletion \$ 584

Recommendation - It is recommended that the Board approve revised requests as follows:

Data Processing	from \$1,500 to \$2,500
Annual Report	" \$3,800 to \$5,000

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director presented Cash Flow Report #2, as shown on Minute Page 2984, and informed the Board that the expenses at this time last year were running about the same.

The Executive Director requested approval to microfilm all active registrants who have been in the file over 15 years. The Chairman directed the office to determine the cost for microfilming these files and present it to the Board at their next meeting in March.

READING OF COMMUNICATIONS

Letter from Richard H. Eddy, Secretary of Western Conference of State Architectural Registration Boards, regarding dissemination of new examination information, as shown on Minute Page 2985, and in conjunction with this letter, a memo from the National Council of Architectural Registration Boards regarding the cost of presentation slide on these new examinations, as shown on Minute Page 2986, were presented.

After considerable discussion, it was moved by Mr. Vanlandingham and seconded by Mr. Wyatt that the Board will acquire examination information, at a minimum amount of expense, and distribute it to the various professional societies. Motion carried.

Letter from Samuel T. Balen, Director of Professional Services of N.C.A.R.B., regarding personal interviews for reciprocal registration, as shown on Minute Page 2987, was presented. The Board directed that his letter be acknowledged and inform Mr. Balen of their feelings in this regard.

Letter from Executive Director of National Council of Engineering Examiners regarding distribution of Typical Examination Questions, as shown on Minute Pages 2988 and 2989, was presented.

The Chairman directed that instead of completing the authorization form we forward a letter stating the the Arizona State Board of Technical Registration has no objection to the National Council selling these typical questions to anyone who wishes them. Also, request that the typical questions they furnish are correct for both questions and answers.

Letter from Professor J. E. Lawver, University of Minnesota, requesting past examinations in mining and metallurgical engineering, was presented as shown on Minute Page 2990. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the office inform Prof. Lawver the examinations he requested are confidential and the Board does not distribute restricted examinations. Motion carried.

Letter from State Senator Sandra O'Connor, regarding registration requirements for landscape architects, was presented as shown on Minute Page 2991. Since the intent of her letter was not quite clear, the Chairman delegated Mr. Bowlsby to visit with Senator O'Connor.

Letter from Michael Andrews, an EIT applicant, was presented to the Board as shown on Minute Page 2992. In reply to his letter, it was suggested that he be informed that our EIT, Parts 1 and 2, are national examinations determined by a national group so the make up of our Board has nothing to do with the content of the examination, and it deals with the fundamentals of engineering generally and not to a specific proficiency. Also, we appreciate his comments and if he has any further questions, to contact Mr. Knickerbocker who is an electrical engineering member of the Board.

CASH FLOW REPORT - #2

DATE: November 30, 1971

Balance on Deposit as of July 1, 1971 - \$54,975.95
 Balance on Deposit as of Report Date - \$116,329.17
 Unencumbered Balance as of Report Date - \$89,496.04

Total Appropriated Receipts to Date:
 \$61,353.22

LUMP SUM APPROPRIATED

\$93,225.00

Code	Expenditures	Amount
7112.0	Salaries	\$15,727.30
7151.0	Industrial Insurance	14.68
7153.0	FICA	521.45
7155.0	State Retirement	786.37
7159.0	Personnel Commission	32.25
7163.0	Bond for Revolving Fund	10.00
7216.0	Data Processing	32.80
7219.0	Professional Services	210.00
7221.0	State Travel	401.10
7232.0	Out-of-State Travel	1,478.55
7251.0	Rent - Office	3,810.48
7272.0	Maintenance & Repairs	82.88
7280.0	Office Supplies	1,326.37
7334.0	Postage & Postage Meter	789.57
7335.0	Telephone & Telegram	625.04
7342.0	Xerox	249.60
7360.0	Dues & Subscriptions	40.60
7913.0	Revolving Fund	200.00
7921.0	Refunds	139.50

Amount Spent to Date

\$26,478.54

BALANCE FOR YEAR

\$66,746.46

WESTERN CONFERENCE
State Architectural Registration Boards

02985

October 15, 1971

TO: ALL BOARD SECRETARIES AND BOARDS
FROM: Richard H. Eddy - Secretary
SUBJECT: NEW EXAMINATION TASK FORCE

RECEIVED
OCT 18 1971
STATE BOARD TECHNICAL REGISTRATION

Through Director Nelson and Chairman Hulvey of our Conference word has reached me concerning the program of NCARB in promoting the use of, and an understanding by boards and candidates, of the New Examination procedures. This campaign will extend throughout the country, and we must needs do our share.

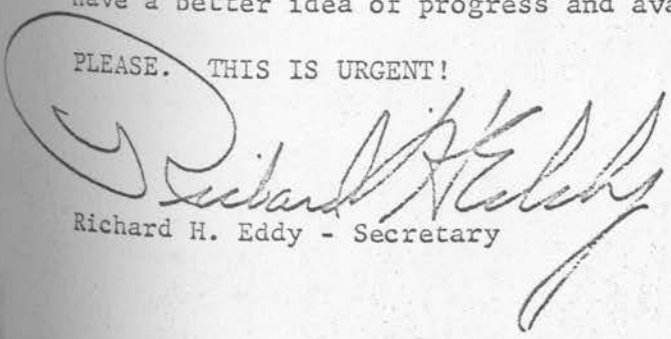
Films, slides and literature are in preparation nationally. What is needed now is a list of architects with their addresses, one or more from each area where there is a college of architecture situated, and in each city or area where a number of architectural candidates or potential candidates are working. The selected architects would be asked to arrange meetings for the special purpose of presenting this material and answering questions. Possibly AIA meetings could be utilized also.

Obviously the boards will be using the New Examination and should not need persuasion, but the current and past members of the boards would seem to be the best source of persons to carry the story to these meetings and the most capable of answering questions which will arise. All of us may feel a little reticent, but how else can the job be done except by us? We will of course need indoctrination which NCARB will supply.

Will you please place this problem before your board immediately, receive and transmit names of persons willing to accept some of this responsibility? We understand final selection will be made by the National Committee, but we must have names to suggest.

If you will transmit these names through me as Conference Secretary we will have a better idea of progress and availability.

PLEASE. THIS IS URGENT!


Richard H. Eddy - Secretary

Richard H. Eddy, A.I.A. - Secretary
R6 Box 624
WASHINGTON 98501

November 29, 1971

RECEIVED

DEC 1 - 1971

TO: All State Board Secretaries

FROM: NCARB Offices

RE: New Examination Presentation Slides

STATE BOARD TECHNICAL REGISTRATION

The NCARB will sell complete sets of the new Examinations presentation slides to State Boards at a cost of \$100.00 per set.

This price includes the slides (278), slide carousel trays, shipping and handling costs.

Please contact the NCARB office direct to place your order.

Sincerely,



Samuel T. Balen, AIA
Director of Professional Services

STB/tld

NATIONAL COUNCIL OF
ARCHITECTURAL
REGISTRATION BOARDS

2100 M STREET N.W.
SUITE 700
WASHINGTON, D.C. 20037
TELEPHONE (202) 659-3596

DANIEL BOONE, president
Abilene, Texas

THOMAS J. SEDGWICK 1st vice-pres.
Flint, Michigan

RONALD ALLWORK 2nd vice-pres.
New York, New York

E. G. HAMILTON treasurer
Dallas, Texas

CARL F. GROOS, JR. secretary
Denver, Colorado

WILLIAM T. BROTHER director
Salisbury, Maryland

ANDREW S. COHEN director
Waterbury, Connecticut

PAUL H. GRAVEN director
Madison, Wisconsin

LARRY K. EDMONDSON director
Miami, Oklahoma

WILLARD C. NELSON director
Provo, Utah

JOHN M. O'BRIEN director
Memphis, Tennessee

WILLIAM J. GEDDIS past pres.
Brookline, Massachusetts

HAYDEN P. MIMS
executive director

SAMUEL T. BALEN
director of professional services

November 10, 1971

RECEIVED

NOV 12 1971

STATE BOARD TECHNICAL REGISTRATION

NATIONAL COUNCIL OF
ARCHITECTURAL
REGISTRATION BOARDS2100 M STREET N.W.
SUITE 705
WASHINGTON, D.C. 20037
TELEPHONE (202) 659-3996

Mr. Edward G. Drewry
Executive Director
Bd of Tech Reg for Archts, Assayers
Engs, Geols, Landscape Archts & Land
Surveys
3550 North Central, Suite 923
Phoenix, Arizona 85012

DANIEL BOONE, president
Abilene, Texas
THOMAS J. SEDGWICK 1st vice-pres.
Flint, Michigan
RONALD ALLWORK 2nd vice-pres.
New York, New York
E. G. HAMILTON treasurer
Dallas, Texas
CARL F. GROOS, JR. secretary
Denver, Colorado
WILLIAM T. BOOTH director
Salisbury, Maryland
ANDREW S. COHEN director
Waterbury, Connecticut
PAUL H. GRAVEN director
Madison, Wisconsin
LARRY K. EDMONDSON director
Miami, Oklahoma
WILLARD C. NELSON director
Provo, Utah
JOHN M. O'BRIEN director
Memphis, Tennessee
WILLIAM J. GEDDIS past pres.
Brookline, Massachusetts

HAYDEN P. MIMS
executive director
SAMUEL T. BALEN
director of professional services

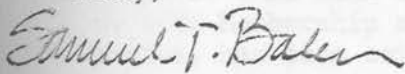
Ref: Personal Interviews for Reciprocal Registration

Dear Mr. Drewry:

From time to time we have received complaints from practitioners regarding the necessity to travel great distances for a Personal Interview for reciprocal registration when the application is made on the basis of the NCARB Certificate. As you can imagine, this requirement, in some cases, is a financial burden and a time consuming exercise for these applicants. At the San Francisco Annual Meeting, President Geddis, in his address to the delegates, stressed elimination of the Personal Audience for registration. We ask now that you again consider this item. We feel confident that eliminating this requirement by your Board would greatly enhance registration procedures for all architects throughout the nation.

Your consideration and response to this matter would be appreciated.

Sincerely,



Samuel T. Balen, AIA
Director of Professional Services

STB/tld

NATIONAL COUNCIL OF ENGINEERING EXAMINERS
 THE COUNCIL OF THE 55 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES



ADDRESS REPLY TO
 Box 752 Clemson,
 South Carolina 29631
 803-654-2246

November 26, 1971

MEMORANDUM

TO: Member Boards of NCEE

FROM: Walter J. Edelblut, Jr., Executive Director of NCEE

SUBJECT: Distribution of Typical Examination Questions

RECEIVED

DEC 1 - 1971

STATE BOARD TECHNICAL REGISTRATION

Prior to the identification of the Uniform Examinations as being prepared by the National Council of Engineering Examiners, the Uniform Examination Committee of NCEE restricted the sale of pamphlets containing typical questions from recent examinations to Member Boards only. NCEE responded to every request from Professional Organizations, Refresher Course Coordinators, Libraries and interested individuals that the typical question pamphlets were only available from the State Board where the party resided.

These procedures were a burden on the Member Boards as well as the National Council Office and the Board of Directors of NCEE at its November 2nd Meeting directed revision to permit direct distribution, if approved by the individual State Boards. NCEE is therefore requesting permission to distribute its current pamphlets on typical questions from the Fundamentals of Engineering and the Principles and Practice of Engineering, see copies attached, to all who request same within your jurisdiction.

Should you choose to permit such a distribution NCEE will only do so if the attached authorization is on file in the National Council Office. The absence of such an authorization will indicate lack of approval and requests for pamphlets will be forwarded to you for information or action.

Persons and organizations requesting shipment of typical question pamphlets will pay more than NCEE is charging its Member Boards so as to insure no cost to NCEE Membership and a minimum order of \$2.50, 10 copies of either publication, has been established.

The Officers of NCEE feel that the above will permit a more equitable distribution of information to engineering students and registration applicants.

02989

NATIONAL COUNCIL OF ENGINEERING EXAMINERS
THE COUNCIL OF THE 55 BOARDS OF ENGINEERING EXAMINERS OF THE UNITED STATES



ADDRESS REPLY TO
Box 752 Clemson,
South Carolina 29631
803-654-2246

STATE _____
COUNTY _____

The _____
hereby authorizes the National Council of Engineering Examiners to offer
for sale, sell and distribute pamphlets on the Uniform Examination
Copyrighted by the National Council of Engineering Examiners to all who
request such pamphlets of typical questions within our jurisdiction.

Signed this _____ day of _____ in the year _____.

Signature

Name

Title

November 22, 1971

RECEIVED

NOV 24 1971

STATE BOARD TECHNICAL EDUCATION

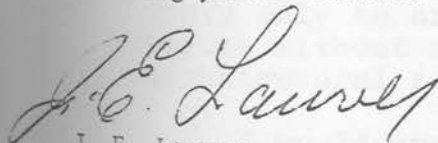
Arizona State Board of Technical
Registration for Engineers
3550 No. Central Ave.
Suite 923
Phoenix, Arizona 85012

Dear Sirs:

I am in the process of evaluating the curriculum in Mineral and Metallurgical Engineering at the University of Minnesota. It has come to my attention that some of the courses taught in universities have become, in the opinion of some, too theoretical, and students are not, in some cases, adequately prepared to take and pass professional engineering examinations.

I would be very grateful if you could send me any copies of past engineering examinations that are pertinent to mining engineering, mineral engineering, or extractive metallurgical engineering. In other words, I would like to obtain some past examinations covering both parts of the professional engineering examinations. Any examinations that you send me will be held in confidence.

Thanking you in advance for your cooperation, I am



J. E. Lawver
Professor and Director

JEL/atp

SANDRA D. O'CONNOR
STATE SENATOR
DISTRICT 20
THIRTIETH LEGISLATURE
CAPITOL BUILDING, SENATE WING
PHOENIX, ARIZONA 85007



COMMITTEES
STATE, COUNTY AND MUNICIPAL AFFAIRS,
CRIMINAL
APPROPRIATIONS
JUDICIARY
RULES
LEGISLATIVE COUNCIL

02991

Arizona State Senate

Phoenix, Arizona

December 8, 1971

RECEIVED

DEC 10 1971

STATE BOARD TECHNICAL REGISTRATION

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

Dear Mr. Drewry:

A constituent has requested me to look into the matter of the registration requirements for landscape architects and has called my attention to the provision of A.R.S. § 32-122 and § 32-144. A.R.S. § 32-122 requires as a prerequisite of registration as a landscape architect eight years of architectural practice in that or related field with the possibility of substituting a year's study for a year's actual practice, up to a maximum of five years of study. A.R.S. § 32-144.A.(4) and (5) allows for certain exemptions to registration requirements in designing a building, which exceptions appear to apply only to architects, engineers, and surveyors without reference to any landscape architectural services.

I would appreciate it if you would bring this matter to the attention of your Board and inquire whether the requirements of these two sections, as applied to landscape architects, are possibly too restrictive. Your advice will be welcome.

Sincerely,

A handwritten signature in cursive script that reads "Sandra".

Sandra D. O'Connor
State Senator

SDO'C:em

7022 E. Julia St.
Tucson, Arizona 85710
December 5, 1971

Professional Engineer's Council
Arizona State Board of Technical Registration
3550 N. Central Avenue
Suite 923
Phoenix, Arizona 85012

RECEIVED

DEC 7 - 1971

STATE BOARD TECHNICAL REGISTRATION

Dear Sirs,

I have just taken the EIT Parts I and II Tests here at the University of Arizona and feel justified in making these comments. As an electronic engineer, I find the majority of the test fails to estimate my abilities. Since professional status is awarded in that area of proficiency and work is permitted in same only, little correlation exists with test results and my abilities.

Is this test unbalanced because few EE's are on the board?
If so, then it will always remain that way.

Personally, I am in total disagreement with your standards on testing and would like to see a change!

Respectfully submitted,

Michael Andrews
Michael Andrews

READING OF COMMUNICATIONS - Cont'd.

Memo from the President of the Senate and Speaker of the House, regarding prefiling of bills for the Legislature, was presented on Minute Page 2994. This memo was referred to the Chairman of the Legislative Committee for any action he deems pertinent.

Letter from Carl W. McPherson, registered engineer, regarding paying his registration fees under protest since he is now retired was presented. It was the consensus of the Board that this letter be referred to the Rules and By-Laws Committee for appropriate action.

UNFINISHED BUSINESS

Dr. Newlin presented the Report of the Ad-Hoc Committee which was appointed at the September meeting of the Board, as shown on Minute Pages 2995 and 2996.

It was moved by Dr. Newlin and seconded by Mr. Vanlandingham that the Report of the Ad-Hoc Committee be accepted. Motion carried.

Regarding the recommendation of reducing the annual renewal fee in the above report, Mr. Girand suggested that it be referred to the Rules and By-Laws Committee for consideration of reducing it to \$15.00.

It was moved by Mr. Girand and seconded by Dr. Newlin that the recommendations of the Report of the Ad-Hoc Committee be implemented. Motion carried.

NEW BUSINESS

Discussion was held on the following items:

1. At the last Engineering Evaluation Committee meeting, the Code of Ethics which appears on the application form was challenged by one of the applicants. Mr. Dryden elaborated on the fact that American Society of Civil Engineers upon advice of the Justice Department had deleted the Code of Ethics and the Arizona Society of Professional Engineers had passed a resolution to also delete the Code of Ethics without finding out how the profession felt about it. The Chairman suggested it be considered by the Rules and By-Laws Committee for inclusion in the Rules.
2. Consider changing Rule IV, A (custom and tradition) to language previously used in the Code and Rules of 1968. It was moved by Dr. Newlin and seconded by Mr. Knickerbocker this be referred to the Rules and By-Laws Committee and they recommend to the Board as how to interpret A.R.S. 32-143. Motion carried.
3. The question was posed as to what minimum age an applicant can be for land surveying registration? Discussion followed as to whether it would require a law change or whether it could be adopted into the Rules. It was moved by Mr. Vanlandingham and seconded by Mr. Bowsby that the question of a minimum age limit for assayers and land surveyors be referred to the Rules and By-Laws Committee. Motion carried.
4. It was moved by Dr. Newlin and seconded by Mr. Vanlandingham that we permit applicants to take Parts 1 and 2 of the written examination even if they are registered. Motion carried with one opposition.



02994

RECEIVED

DEC 6 - 1971

STATE BOARD TECHNICAL REGISTRATION

Arizona State Senate
Phoenix, Arizona

WILLIAM C. JACQUIN
PRESIDENT

November 30, 1971

TO: State Agencies

RE: Prefiling

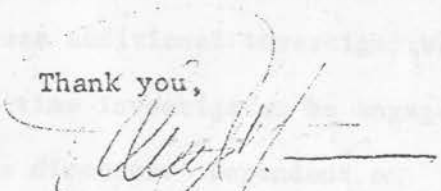
This year for the first time, the Senate and the House of Representatives will accept bills for prefiling for the Second Regular Session of the Thirtieth Legislature on and after November 15, 1971.

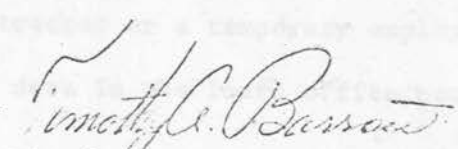
In previous years, it has been our experience that several state departments have completed their legislative programs and introduced into the Legislature their legislation toward the final day for introduction of bills. This provides the committees and members of the Legislature with insufficient time to properly consider the merits of the proposed legislation.

This year we are insisting that all state agencies have legislation prefiled as soon as possible for the purpose of receiving consideration by committees and membership before the legislative session officially begins. We recognize some legislation will be offered after the session commences, but we would appreciate your co-operation in minimizing the number of introductions after the session starts and help eliminate any last minute introductions in the last couple of days.

For your information, all committee chairmen are being informed that we have notified state departments of this request. Please make contact with the necessary standing committee and its chairman as soon as possible to expedite introductions of your requested bills.

Thank you,


William C. Jacquin
President of the Senate


Timothy Barrow
Speaker of the House

REPORT OF AD-HOC COMMITTEE

The committee met in the office of the Board at 9:00 A.M.,
October 29, 1971, with the following present:

C. W. Newlin, Chairman
M. L. Vanlandingham
R. G. Wallace
E. G. Drewry, Ex. Dir.

The committee was charged by C. W. Dryden, Chairman of the Board, to
consider the following items:

1. Determine the necessity for investigative services,
 - (a) as a permanent employee,
 - (b) on a Professional Services basis as needed.
2. To delineate the duties to be performed in either case.
3. To recommend revision of the budget request, if desirable.
4. To study revision of the renewal fee if receipts at the present rate are expected to greatly exceed requirements.

The committee agrees that the Board should increase its investigative activities, particularly in the areas of negligence and incompetence of registrants and where non-registrants may be guilty of misdemeanors through violations of the law.

To accomplish this, it is desirable to use additional investigative services. The committee recommends that a part-time investigator be engaged to work as directed by the Board thru the executive director. Dependent on negotiations with the individual, his prior commitments, and State regulations, the investigator may be either an independent contractor or a temporary employee. In either case the investigator will not occupy a desk in the Board office nor will he be provided with a vehicle.

Funds provided for this purpose under Professional Services during the 1971-72 fiscal year will permit average monthly payments of \$300, assuming that he may be engaged for 6 months. The budget request for 1972-73, \$3500, is

also adequate for services at substantially the same level.

The duties to be performed will be re-evaluated as necessary and workload will be adjusted according to investigative demand and funds available.

If the Board concurs that the funds indicated will be adequate for the desired services, the committee recommends that the renewal fee be reduced to \$15.00 per annum.

Respectfully submitted,

C. W. Newlin, Chairman

NEW BUSINESS - Cont'd.

5. It was moved by Dr. Newlin and seconded by Mr. Wyatt that we cease to grant Engineer-in-Training certificates without examination. Motion carried with one abstention. It was moved by Mr. Girand and seconded by Dr. Newlin that we reconsider our previous action. Motion carried. Discussion followed and it was explained we waive Parts 1 and 2 of the examination if a graduate of an ECPD school for professional registration but this is to cease granting certificates to the Engineer-in-Training without an examination. It was moved by Mr. Girand and seconded by Dr. Newlin that the action of our previous motion be affirmed. Motion carried with one abstention. The Executive Director was directed to inform the Deans of the Colleges of Engineering in Arizona it was the consensus of the Board they will not grant registration to Engineer-in-Training unless they have successfully passed the Fundamentals of Engineering examination.
6. Mr. Bowlsby discussed the fact that golf course architects were in a separate field of landscape architecture. It was moved by Mr. Girand and seconded by Dr. Newlin that golf course architects not be registered as a separate proficiency whatever they are. Motion carried.
7. Discussion of Board's policy regarding the filing of complaints with county attorneys against non-registrants was requested. The board has not for many years taken it upon themselves to file against a non-registrant in the appropriate courts. It was moved by Mr. Knickerbocker and seconded by Mr. Girand that if we have any increase or even sufficient complaints concerning non-registrants, our Executive Director be advised to formally reply, quoting A.R.S. 32-145 which refers to misdemeanors, and indicate it is the opinion of this Board that misdemeanors be processed through the judicial procedures of civil courts by anyone. Motion carried.
8. Mr. Wyatt reported that Mr. Bill Carey, Director of the City's Plan Review, had not accepted a set of standard details, 8½" x 11", without the seal imprint on each page for an architectural firm. Mr. Wyatt informed Mr. Carey he would place this on the agenda for the meeting for a formal interpretation by the Board. To interpret Rule V, Paragraph 2, relative to the seal and imprint on standard details, 8½" x 11", an interpretation would have to be looked at on an individual basis. It was moved by Mr. Knickerbocker and seconded by Mr. Place that we advise Mr. Carey that our interpretation of Rule V, Paragraph 2, in regard to 8½" x 11" standard details, we do interpret 8½" x 11" standard details as drawings and all drawings require a seal imprint on each page. Motion carried with one nay.
9. It was moved by Mr. Girand and seconded by Dr. Newlin that we do not discuss the use of terms such as Safety Engineer, Fire Protection Engineer, etc., and move on to the next item on the agenda. Motion carried.
10. It was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the Executive Director be advised to inform the applicant when he accepts the receipt of his application and application fee that the Board meets four times a year and the appropriate committee meets four times a year, and we cannot predict when his application has been completely processed, but it will be considered at the first opportunity the committee meets. Motion carried.

NEW BUSINESS - Cont'd.

11. Deadline dates for submittal of examination or re-examination fees to be received 30 days prior to the examination date was requested. It was moved by Mr. Knickerbocker and seconded by Mr. Place that this be referred to the Office Procedures Committee. Motion carried.

Letter from Mr. William H. Cooke of Cain, Nelson, Wares & Cooke, was presented for the Board's information regarding Mr. Allan Steppe, an architectural applicant taking the written examinations and an employee of Mr. Cooke's firm. The Board suggested that the Executive Director contact Mr. Cooke and explain the facts as to what initiated the discussion between the Executive Director and Mr. Steppe.

The Executive Director reported that Mr. Leonard Harris, Havasu City Plans Review, had called the office to report plans being submitted for an extension to the McCulloch plant, and to ask if these should be accepted under the seal of a Structural Engineer, namely John Parsons. Mr. Parsons described the building as a facility for chrome plating, involving about 10 employees, and has a machine shop having about 30 employees. The building is 100' x 178' with two walls common to other buildings. It was the consensus of the Board that these plans could be sealed by the Structural Engineer since the design was of two walls common to an existing building.

Mr. Place advised that Mr. Iacono had advertised as an architect and engineer for the construction of an automobile agency in Tucson which was claimed in an article in the newspaper. It was suggested that the Executive Director investigate the matter when in Tucson for the architectural examinations.

The Board recessed for an Executive meeting. At the conclusion of the executive session, the Chairman informed the Executive Director his salary, effective January 1, 1972, would be \$17,640 per annum.

It was moved by Dr. Newlin and seconded by Mr. Wallace that the following dates be approved for Board and committee meetings. Motion carried.

January 24, 1972 - Engineering Examination Committee meeting
2:00 P.M. for review of December, 1971, examination grades, in Phoenix

January 31, 1972 - Special meeting of the Board for approval
2:00 P.M. of Engineering Committee meeting report of January 24, 1972, in Phoenix

February 15, 1972 - Architectural & Landscape Architectural
9:00 A.M. Evaluation & Examination Committee meeting in Phoenix (review exam grades prior to evaluation of applicants)

February 16, 17, - Engineering Evaluation Committee meeting
& 18, 1972 in Phoenix
9:00 A.M.

March 17, 1972 - Regular meeting of the Board in Tucson

MINUTES OF THE BOARD OF PROFESSIONAL REGISTRATION
ADJOURNMENT

The Chairman adjourned the meeting at 4:00 P.M.

A special meeting of the Board of Professional Registration was called to order by Dr. E. W. ... Chairman, in the office of the Board, 230 North Central Avenue, Suite 723, Phoenix, Arizona, at 1:00 P.M.

PRESENT
Dr. E. W. ... Chairman
... Vice-Chairman

ABSENT
...
Robert G. Wallace


CHAIRMAN


SECRETARY

... this special meeting had been called to order ... The Chairman noted that in accordance ... two architects and three engineers ...

REPORT OF THE ENGINEERING EXAMINATION COMMITTEE

Dr. Spall reported on the recommendations of the Engineering Examination Committee's review of the examination scores on the December, 1971, examinations at a meeting held on January 24, 1972, which are shown on House Page 3022 through 3028.

It was moved by Dr. Spall and seconded by Mr. Girard that the examination grades as presented be so certified. Motion carried.

It was moved by Mr. Girard and seconded by Mr. Wyatt that the following ... having completed the personal address ... requirements of this Board be granted registration and assigned the registration numbers as indicated except for numbers 8206, 8207, 8208 ... of the structural examination grades ... to be granted registration. Motion carried.

- STRUCTURAL ENGINEERING
- 8213
- 8216
- 8217
- 8218
- 8219
- 8220
- 8221
- 8222
- 8223
- 8224
- 8225
- 8226

- CIVIL ENGINEERING - Gen'l'd.
- 8213
- 8216
- 8217
- 8218
- 8219
- 8220
- 8221
- 8222
- 8223
- 8224
- 8225
- 8226

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

JANUARY 31, 1972

A special meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the office of the Board, 3550 North Central Avenue, Suite 923, Phoenix, Arizona, at 2:00 P.M.

PRESENT

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

ABSENT

Lew Place
Robert G. Wallace

The Chairman announced that this special meeting had been called in order for the Board to pass on the results of the examination given in December, 1971, and advise the examinees of same. The Chairman noted that in accordance with A.R.S. 32-105 there were at least two architects and three engineers present to constitute a quorum for the transaction of business.

REPORT OF THE ENGINEERING EXAMINATION COMMITTEE

Dr. Newlin reported on the recommendations of the Engineering Examination Committee's review of the examination scores on the December, 1971, examinations at a meeting held on January 24, 1972, which are shown on Minute Pages 3001 through 3009.

It was moved by Dr. Newlin and seconded by Mr. Girand that the examination grades as presented be so certified. Motion carried.

It was moved by Mr. Girand 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 except for numbers 8246, 8247, 8248 and 8249 are subject to receipt of Part 5 of the structural examination grades which when certified by the Engineering Examination Committee are to be granted registration. Motion carried.

CHEMICAL ENGINEERING

Kopisch, LeRoy Chriss
Scott, Robert Bruce

CIVIL ENGINEERING

Bain, Bill Ross
Dryden, Charles Wyatt
Duffy, Dennis Michael
Estes, Leon Dean
French, David Kent
Lowe, Archie Benjamin
McDowell, Robert Garrett, Jr.
Morrison, Robert Geoffrey (deceased)
Ostenfeld, Klaus Henrik
Reid, Thompson

CIVIL ENGINEERING - Cont'd.

Ruiz, Roberto Corona
Werhan, Ronald W.
Wilson, Michael J.
Womack, David Paul

ELECTRICAL ENGINEERING

Chartier, Everette Elmer
Lane, John Raymond
Martins, William Joseph
Smith, David Alastair
Winter, Terry Mac

GEOLOGICAL ENGINEERING

Greene, Donald Kenneth

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>CHEMICAL ENGINEERING</u>						
* 70-407	Kopisch, LeRoy Charles	P	P	70	P	3
* 70-379	Scott, Robert Bruce	Ex	Ex	72	70	3,4

<u>CIVIL ENGINEERING</u>						
70-473	Bailey, Edwin Densley	Ex	Ex	F	P	
* 70-371	Bain, Bill Ross	P	P	86	P	3
70-400	Baldwin, John Frank	Ex	Ex	F	F	
71-22	Barrios, Frank Martin	Ex	Ex	F	F	
70-58	Bertella, Guido J.	F	F	F	P	
69-240	Bostick, Charles T.	Ex	Ex	F	F	
71-287	Coe, John Ellis	P	P	F	F	
69-368	Covington, Edward B.	F	F	F	P	
70-311	Dalrymple, Guerry M.	F	F	F	F	
71-188	Damgaard, Kenneth K.	P	P	F	F	
71-299	Davis, Wilford Ervin	P	P	F	F	
63-489	Delaney, John Leo	Ex	Ex	F	P	
* 71-138	Dryden, Charles W.	P	P	92	95	3,4
* 71-334	Duffy, Dennis Michael	P	P	78	70	3,4
71-53	Dunlap, Barry Allen	F	70	F	F	2
* 69-170	Estes, Leon Dean	Ex	Ex	P	85	4
70-406	Eychner, Richard M.	F	F	F	P	
71-305	Fisk, William Howard	Ex	Ex	F	80	4
71-365	Francom, Paul Glen	P	P	F	F	
71-282	Frisby, Jose R.	Ex	Ex	F	F	
* 71-286	French, David Kent	Ex	Ex	81	80	3,4
71-25	Gerke, David Allen	Ex	Ex	93	F	3
71-293	Glenn, Edward Stanley	70	F	F	70	1,4
71-322	Harris, John Thornton	Ex	Ex	F	70	4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
70-430	Jones, Jerry Ray	Ex	Ex	F	F	
71-190	Kaminski, Daniel L.	Ex	Ex	70	F	3
* 67-247	Lowe, Archie Benjamin	70	P	P	85	1,4
* 71-307	McDowell, Robert G., Jr.	P	P	84	90	3,4
69-410	Mathein, Fredrick J.	F	F	F	85	4
71-363	Morris, James Lee	Ex	Ex	83	F	3
* 71-37	Morrison, Robert G.	88	88	84	90	1,2,3,4
67-322	Newton, Thomas Monroe	P	P	F	P	
70-304	Nowak, Leonard William	Ex	Ex	F	P	
* 71-231	Ostenfeld, Klaus H.	Ex	Ex	83	80	3,4
70-465	Paddock, Francis C., Jr.	P	P	F	F	
71-8	Patch, Chester J., III	Ex	Ex	F	P	
70-260	Phelps, Donald Gene	70	F	F	F	1
66-127	Raymo, William James	P	P	F	P	
* 70-334	Reid, Thompson	Ex	Ex	Ex	70	4
71-249	Richards, Glendon L., Jr.	P	P	F	90	4
70-295	Rodriguez, John Edward	P	P	F	P	
69-217	Roose, James Frederick	Ex	Ex	F	P	
* 69-80	Ruiz, Roberto Corona	P	P	80	P	3
70-363	Rupe, Robert William	P	P	F	70	4
71-11	Shirley, George Edward	P	P	F	P	
67-257	Vezzetti, Michael J.	Ex	Ex	F	P	
68-345	Webb, Paul Thomas, Jr.	Ex	Ex	F	DNA	
* 71-346	Werhan, Ronald W.	P	P	70	70	3,4
* 70-2	Wilson, Michael J.	P	P	P	85	4
70-420	Wise, James Russell	Ex	Ex	F	70	4
70-369	Wisser, Gerhard Karl	P	P	P	F	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>CIVIL ENGINEERING - Cont'd.</u>						
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
*71-7	Womack, David Paul	Ex	Ex	75	P	3
69-166	Ziegler, Lawrence Lee	P	P	F	75	4

ELECTRICAL ENGINEERING

71-33	Brown, Wayne Russell	Ex	Ex	95	F	3
*70-123	Chartier, Everette E.	Ex	Ex	P	80	4
70-482	Cracker, William F., Jr.	Ex	Ex	F	70	4
70-479	Cunning, Raymond Dale	Ex	Ex	F	100	4
66-260	Day, David S.	P	P	P	F	
68-140	Dubin, Thomas	Ex	Ex	F	P	
70-254	Evans, John Madison	Ex	Ex	F	90	4
71-128	Frautnick, Arnold C.	Ex	Ex	F	F	
70-85	Grommes, William K.	P	P	F	F	
71-50	Kienast, Peter Fred	Ex	Ex	F	80	4
71-324	Kirsch, James David	Ex	Ex	F	F	
*71-382	Lane, John Raymond	Ex	Ex	70	90	3,4
71-114	Martin, Leonard S.	Ex	Ex	F	F	
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
*71-170	Martins, William J.	Ex	Ex	95	80	3,4
69-206	Paul, Dennis Lee	Ex	Ex	P	F	
71-51	Peer, Daniel David	Ex	Ex	F	100	4
71-214	Seiler, John	F	F	F	F	
70-170	Sims, Lee Leon	P	P	F	P	
*71-272	Smith, David Alastair	P	P	89	100	3,4
71-21	Steinbrenner, Gerhard	Ex	Ex	F	80	4
*70-324	Winter, Terry Mac	P	P	P	90	4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>GEOLOGICAL ENGINEERING</u>						
*70-42	Greene, Donald K.	Ex	Ex	74	89	3,4
70-226	Youell, James Robert	P	F	F	P	
<u>HIGHWAY ENGINEERING</u>						
71-273	Burgin, Edward William	70	F	F	F	1
68-21	Cantrell, Harvey Glenn	F	F	F	P	
66-239	Collon, William P.	Ex	Ex	F	P	
66-295	Evans, James Marshall	Ex	Ex	F	P	
67-129	Howard, Robert L.	Ex	Ex	F	P	
*67-183	Lansdon, Horace G., Jr.	Ex	Ex	75	P	3
66-144	Minter, Charles B.	Ex	Ex	F	P	
70-60	Ohnleiter, Robert F.	70	F	F	F	1
70-413	Patty, John Harlan	F	F	F	P	
*67-132	Ryan, Seymour William	Ex	Ex	75	P	3
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	F	
<u>MECHANICAL ENGINEERING</u>						
70-348	Bassett, Robert Lee	F	F	F	P	
*67-167	Clayton, Orley John	70	P	P	P	1
71-304	Every, John David	Ex	Ex	F	F	
*71-34	Galvin, James Leonard	Ex	Ex	83	98	3,4
71-279	Haak, Charles Edward	F	70	F	F	2
71-339	Maggs, Charles Alfred	P	P	75	F	3
70-432	Miller, Marion Edward	F	F	F	90	4
70-184	Miller, Robert Carson	70	P	F	P	1
71-223	Pristo, Ray E.	70	F	Ext.	Ext.	1
70-275	Stewart, Avery L.	Ex	Ex	P	F	
68-175	Stockton, Paul	Ex	Ex	F	F	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed		
<u>MECHANICAL ENGINEERING - Cont'd.</u>								
71-3	Utley, Wallace Ralph	Ex	Ex	P	F			
<u>METALLURGICAL ENGINEERING</u>								
71-257	Lagergren, Charles F.	Ex	Ex	90	F	3		
<u>MINING ENGINEERING</u>								
*70-232	Stout, Donald Clinton	P	P	75	P	3		
<u>SANITARY ENGINEERING</u>								
*71-153	Kracht, Jeffrey Karl	P	P	70	80	3,4		
<u>STRUCTURAL ENGINEERING</u>								
		Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
71-364	Campbell, Clarence H.	P	P	83	90	92	75	3,4,5,6
71-58	Goff, Ralph Emery	Ex	Ex	Ex	Ex	90	75	5,6
71-309	Pilmanis, Ervin	Ex	Ex	Ex	Ex	79	70	5,6
71-63	Schoeller, Wilbur C.	Ex	Ex	Ex	Ex	90	87	5,6
70-107	Tucker, Wayne	P	P	P	P	P	F	
*70-483	Werber, Daniel	Ex	Ex	Ex	Ex	P	73	6
<u>GEOLOGY</u>								
		Part I	Part II	Part III	Part IV	Passed		
69-198	Freeman, Gilbert N.	Ex	Ex	F	P			
*71-66	Supkow, Donald James	Ex	Ex	75	100	3,4		
<u>ASSAYING</u>								
		Part I	Part II	Passed				
*71-208	Copeland, Fred Lane	78	80	1,2				

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>LAND SURVEYING</u>						
70-129	Bridges, James Peyton	P	F	P	P	
70-68	Caraway, Cross M., Sr.	F	F	P	P	
71-148	Garcia, Ernest G.	F	F	F	78.5	4
71-202	Garst, Delbert Dale	F	F	F	76.5	4
70-289	Hendrix, Robert	F	F	F	P	
71-206	Huckelberry, Charles H.	85	F	72	90.5	1,3,4
70-467	Jensen, Lynn Howard	F	F	P	P	
69-123	Jones, James David	P	F	P	P	
70-383	Knighten, Howard H., Jr.	70	F	F	P	1
70-313	Kuder, Sam Lee	F	F	70	90	3,4
70-302	Maas, N. Bradley	F	F	F	P	
71-207	Nau, William Edward	F	F	F	71	4
70-434	Norris, Gerald Junior	F	F	DNA	DNA	
70-124	Ott, Wallace Robert	F	F	P	P	
70-448	Rodriguez, Fred	F	F	F	87	4
69-177	Shields, Phillip K.	P	F	P	P	
70-298	Shoun, Howard Wilmer	P	F	P	P	
70-285	Smith, Howard Hughes	F	F	76	79.5	3,4
70-238	Stinard, Donald I.	71	F	P	P	1
69-77	Torres, Alfonso	P	F	P	F	
71-30	Williams, Jerry Carl	F	F	F	75	4
71-313	Woolery, Robert Crow	Ex	Ex	F	75.5	4

ENGINEER-IN-TRAINING

GRADE

71-100	Adams, Stanley Dean	85
71-120	Andrews, Michael	79
68-1	Bitterli, Robert John	F

ENGINEER-IN-TRAINING - Cont'd.

GRADE

	GRADE
71-3 Bloomfield, Arthur Kent	F
71-139 Boyd, Donald Robert	91
71-118 Brackett, Ronnie E.	70
71-69 Campbell, Gary W.	77
71-51 Champion, Nick Decimo	F
71-93 Chalaby, Barsoum F. B.	70
71-113 Chambers, James Clark	70
71-89 Crawford, David S.	72
71-99 Delton, James Philip	76
71-104 Doshi, Harish Jayantilal	F
71-114 Eckley, Robert C.	74
71-105 Emery, Harold Carlton, II	80
71-134 Foreman, Geoffrey H.	74
69-1 Green, Donald E.	70
71-112 Guiles, Edwin Arthur	81
71-119 Hanna, Philip Rush	72
71-70 Haushalter, John Karl	89
71-44 Haynie, Timothy Ewing	71
71-94 Holman, Robert A.	80
71-144 Hubbard, Jerrold Rex	84
71-91 Hughes, William Marschall	77
71-126 Hulse, Scott Eston	72
71-138 Huss, Conrad Eugene	91
71-125 Jackson, David Lee	88
71-130 Jheeta, Balwant Singh	70
71-137 Johnson, Craig Wix	79
71-115 Kenady, Pamela Kay	84
71-131 Key, Adrian H.	75
71-92 Knickerbocker, Kenneth L.	75

ENGINEER-IN-TRAINING - Cont'd.	GRADE
71-129 Kory, Raymond	F
71-85 Kostyun, Frank Charles	77
71-77 Kruse, James A.	90
71-24 Lawson, John Ellis, Jr.	75
71-83 Lincoln, John G., III	70
71-109 Longley-Cook, Barbara A.	76
71-108 Longley-Cook, Mark T.	92
71-111 Lou, Lai Wah	76
71-87 Ludtke, Craig A.	89
71-128 Lundquist, Thomas George	75
71-127 McAnnis, Michael J.	81
66-44 McCassalin, Wade L.	F
71-21 Mackey, Charles Everett	72
71-116 Moore, Donald Carl	74
71-95 Newbry, Brooks Walter	74
71-133 Newton, David J.	73
71-107 Oeltman, John Domenic	F
71-103 Parekh, Mahendrakumar B.	74
71-106 Patel, Ramesh Ichchhubhai	75
71-143 Pemble, William F.	79
71-142 Ray, Norman Andrew	89
71-124 Reachmack, Nickolas John	76
71-97 Richey, J. W.	72
71-28 Roberts, S. Von	F
71-86 Rohlik, Ronald	72
71-96 Ruggles, Joseph Garth	74
71-84 Sadowski, Michael L.	73
71-122 Seal, Claud Wayne, Jr.	70

ENGINEER-IN-TRAINING - Cont'd.

GRADE

ENGINEER-IN-TRAINING - Cont'd.	GRADE
71-101 Sherrod, Anthony James	86
71-121 Sisley, Robert K.	75
71-145 Slaysman, Melvin J., Jr.	74
71-135 Smith, Jerald Lynn	80
71-102 Sotelo-Garza, Danilo	72
69-19 Soto, Edward M.	F
71-98 Stevens, Jeffery L.	85
71-136 Stiver, Bruce A.	75
71-90 Stofft, Robert Eugene	78
71-117 Stookesberry, Franklin J.	F
71-140 Thomas, Gene A., Jr.	82
71-71 Vongsevaisayavan, Adisai	70
71-88 Weems, Donald C., Jr.	76
71-110 Wilson, Edwin Bruce	70
71-59 Winzerling, Alfred	72
71-141 Wiste, Doyle L.	81
71-76 Ziemba, Donald L.	73

1030	Cruse, James A.	1048
1031	DeWitt, John G., III	1051
1032	Engley-Cook, Barbara A.	1049
1033	Engley-Cook, Mark T.	1051
1034	Evans, Donald Carl	1048
1035	Fahmy, ...	
1036	Fahmy, ...	
1037	Fahmy, ...	
1038	Fahmy, ...	
1039	Fahmy, ...	
1040	Fahmy, ...	
1041	Fahmy, ...	
1042	Fahmy, ...	
1043	Fahmy, ...	
1044	Fahmy, ...	
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1080	Fahmy, ...	
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1092	Fahmy, ...	
1093	Fahmy, ...	
1094	Fahmy, ...	
1095	Fahmy, ...	
1096	Fahmy, ...	
1097	Fahmy, ...	
1098	Fahmy, ...	
1099	Fahmy, ...	
1100	Fahmy, ...	

... and seconded by Mr. Girard that the following applicants ... failure to appear for the written examinations as required ... a reasonable length of time. Notice carried.

69-350	Metallurgical Engineer
69-60	Engineer-in-Training
69-119	Highway Engineer
70-94	Engineer-in-Training

MECHANICAL ENGINEERING
Galvin, James Leonard 8240

MINING ENGINEERING
Stout, Donald Clinton 8241

SANITARY ENGINEERING
Kracht, Jeffrey Karl 8242

STRUCTURAL ENGINEERING
Werber, Daniel 8243
Campbell, Clarence Howard 8246
Goff, Ralph Emery 8247
Pilmanis, Ervin 8248
Schoeller, Wilbur Charles 8249

GEOLOGY
Supkow, Donald James 8244

ASSAYING
Copeland, Fred Lane 8245

It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that the following applicants for professional registration having completed all other requirements of this Board be granted registration upon completion of a satisfactory personal audience and assigned the registration numbers as indicated. Motion carried.

HIGHWAY ENGINEERING
Lansdon, Horace Greeley, Jr. 8237
Ryan, Seymour William 8238

MECHANICAL ENGINEERING
Clayton, Orley John 8239

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

ENGINEER-IN-TRAINING
Adams, Stanley Dean 1030
Andrews, Michael 1031
Brackett, Ronnie E. 1032
Chalaby, Barsoum Farag Barsoum 1033
Chambers, James Clark 1034
Emery, Harold Carlton, II 1035
Green, Donald E. 1036
Haynie, Timothy Ewing 1037
Hubbard, Jerrold Rex 1038
Hulse, Scott Eston 1039
Huss, Conrad Eugene 1040
Jackson, David Lee 1041
Jheeta, Balwant Singh 1042
Kostyun, Frank Charles 1043

Kruse, James A. 1044
Lincoln, John G., III 1045
Longley-Cook, Barbara A. 1046
Longley-Cook, Mark T. 1047
Moore, Donald Carl 1048
Parekh, Mahendrakumar B. 1049
Patel, Ramesh Ichchhubhai 1050
Rabb, David T. 1051
Reachmack, Nickolas John 1052
Ruggles, Joseph Garth 1053
Sadowski, Michael L. 1054
Stofft, Robert Eugene 1055

It was moved by Mr. Wyatt 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.

Akel, Nagib 69-350
Billings, Jed Scott 69-80
Blain, John 65-229
Burcham, Robert Lavell 70-94

Metallurgical Engineer
Engineer-in-Training
Highway Engineer
Engineer-in-Training

Continued.....

Clouse, Wayne Hope	70-321	Structural Engineer
Collins, Gary B.	70-45	Engineer-in-Training
Dietzman, Ernest Edward	70-505	Civil Engineer
Graves, Arthur Joseph	70-103	Geologist
Graves, Arthur Joseph	70-104	Mining Engineer
Hubler, Robert Stewart	70-81	Engineer-in-Training
Merkley, Ronald Max	70-489	Mechanical Engineer
Skagestad, Tønnes	69-364	Civil Engineer
Subbotin, Victor Theodore	70-459	Civil Engineer
White, Daniel D.	69-47	Industrial Engineer

ADJOURNMENT

It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the meeting be adjourned at 3:30 P.M. Motion carried.


 CHAIRMAN


 SECRETARY

REPORT OF THE EXECUTIVE COMMITTEE

REPORT OF THE RULES & BY-LAWS COMMITTEE

minutes of the meeting of the Board and By-Laws Committee meeting
 January 22, 1972, as shown on Minutes Page 1013.

minutes called a recess to permit a brief meeting of the Rules and By-Laws
 Committee.

minutes reviewed the first paragraph of the report on Minutes Page 1013
 and referred to the requests of several persons for removal from the
 membership that all persons age 70 or older be exempt from the registration
 fee if they have been registered in Arizona for ten consecutive years
 prior to attaining the age of 70.

minutes called the meeting of the Board to order. It was then moved
 and seconded by Mr. Wyatt that the amended report be adopted
 in accordance with Section 17.1 of the By-Laws, by which
 the fee will be waived if the registrant is the Rules and By-Laws
 Committee for the July meeting of the Board. Motion carried.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

MARCH 17, 1972

The meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in Room M-O of the Pioneer Hotel, Tucson, Arizona, at 9:20 A.M.

PRESENT

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

ABSENTGUEST

Robert McConnell, Dean, College
 of Architecture, U of A

Before opening the meeting, the Chairman requested Dr. Robert McConnell, Dean of Architecture, University of Arizona, to speak to the group. Dr. McConnell invited the Board members to attend the meetings currently in progress at the University of Arizona, and requested information regarding the new N.C.A.R.B. examinations, to which Mr. Wyatt responded.

It was moved by Mr. Girand and seconded by Mr. Wallace that the minutes of the meeting of the Board on December 10, 1971, be approved as presented. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Wyatt that the minutes of the special meeting of the Board on January 31, 1972, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

Mr. Girand presented the report of the Rules and By-Laws Committee meeting held February 22, 1972, as shown on Minute Page 3013.

The Chairman called a recess to permit a brief meeting of the Rules and By-Laws Committee.

The committee amended the first paragraph of the report on Minute Page 3013 to read "In regard to the requests of several persons for reduced fees, it is recommended that all persons age 70 or older be exempt from the registration fee provided they have been registered in Arizona for ten consecutive years immediately prior to attaining the age of 70."

The Chairman recalled the meeting of the Board to order. It was then moved by Mr. Girand and seconded by Mr. Wyatt that the amended report be adopted and implemented in accordance with Section IV,1 of the By-Laws, by which publication will be made of the revisions to the Rules and a public hearing will be called for the June meeting of the Board. Motion carried.

MEETING OF THE RULES AND BY-LAWS COMMITTEE

FEBRUARY 22, 1972

Present: John Girand, Chairman
Ralph L. Wyatt

Absent: Charles W. Newlin

Mr. Girand called the meeting to order at 2:00 P.M.

In regard to the requests of several retired persons for reduced fees, it is recommended that all persons age 70 or older be exempt from the registration fee.

In connection with renewal fees, the Committee noted the conflict between the third paragraph of Unfinished Business, Minute Page 2993, with the fourth paragraph on the same page wherein the Board agreed to implement the Report of the Ad-Hoc Committee which contained the reduction in fee to \$15.00, and the Rules and By-Laws Committee concurs.

The Attorney-General having rendered an opinion, dated October 11, 1967, the Committee recommends that the Code of Ethics be not included in the Rules but continue to be used on the application form.

No change is recommended with respect to Rule IV,A, "Custom and Tradition."

Upon advice from the Attorney-General's office it is recommended that no minimum age be established for Land Surveyors.

The Committee recommends that Rule II,C(6), page 8, be deleted from the Rules.

The meeting adjourned at 2:55 P.M.

Respectfully submitted,



John Girand
Chairman

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Howard W. Shoun, Land Surveying applicant, No. 70-298, appeared before the Board, in accordance with Rule 2, A(6), petition for reconsideration of his examination grades. After an explanation of his failing grade on Part 2 of the Land Surveying examination, he was advised to retake the examination.

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of February 15, 1972, as shown on Minute Pages 3015 through 3019. It was moved by Mr. Vanlandingham and seconded by Mr. Place that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Architectural Examinations in June, 1972, was presented and it was moved by Mr. Vanlandingham and seconded by Mr. Place that the schedule as shown on Minute Page 3020 be approved as presented. Motion carried.

Mr. Wyatt presented the Landscape Architectural Evaluation Committee meeting report of February 15, 1972, as shown on Minute Pages 3021 and 3022. It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that this report of the Landscape Architect meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Landscape Architectural Examinations in June, 1972, was presented and it was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that the schedule as shown on Minute Page 3023 be approved as presented. Motion carried.

Dr. Newlin presented the Engineering Examination Committee telephone meeting report of February 2, 1972, on the results of the Structural Engineering examination, as shown on Minute Page 3024. It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that this report be accepted as presented. Motion carried.

Dr. Newlin presented the Engineering Evaluation Committee meeting report of February 16, 17, and 18, 1972, as shown on Minute Page 3025, 3026 and 3027. It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that this report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that the following applicant is to be denied with neither prejudice nor refund at his request. Motion carried.

Shields, Paul Gregory

70-111

Engineer-in-Training

DATE: March 9, 1972

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

The Architectural Evaluation Committee met on February 15, 1972, in Phoenix, Arizona, with the following members present:

Lew Place
 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:

Bartolomeo, John L.	71-343	Livingston, William Brouhard	71-432
Brown, William John	71-422	Lloyd, Glen Ashton	71-315
Buck, Robert Vincent	71-490	Morrison, Thomas Jean	71-517
Call, Gary La Mar	72-3	Olsen, Donald Keith	71-419
Consolo, Vincent Michael	71-427	Overby, McDonald Arthur	71-412
Corey, Clark William	71-413	Pearson, Charles Lloyd	71-433
Fast, Alfred H.	71-193	Perry, Alan Eugene	71-415
Fisher, John Sergio	71-424	Rohwer, Jay Thomas	72-18
Furney, Harry R.	71-428	Rutherford, Gene Rankin	71-470
Giusti, John Louis	71-431	Thompson, Julian Victor	71-429
Glasscock, Harry Jordan	71-497	Train, Jack Durkee	71-291
Graham, Channell Archer	71-417	Whitmire, John Clark	72-26
Haberman, Eugene	71-277	Woodard, Stewart Clark	71-494
Hewlett, James LeRoy	71-425		
Kober, Charles McChesney	71-341		
Kuhnel, Melvin Dean	71-398		

- II. The following applicants completed their personal audience interview and the committee confirms the recommendation that these individuals be held for the written examinations indicated:

Applicants held for the December, 1971, examinations:

Johannsen, Robert W.	71-420	D,E,F,H
Zimmerman, Gail Paul	71-421	D,E,F,H

III. The following applicants having appeared before the Committee, while completing the personal audience interview, need demonstration of additional evidence of their proficiency, A.R.S. 32-123.B, and it is recommended to the Board that these individuals be held for the written examinations indicated:

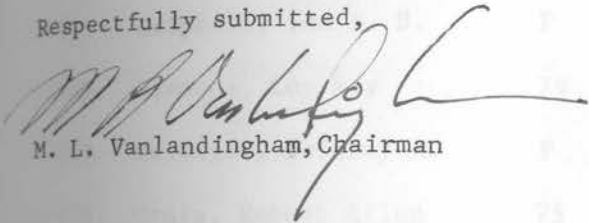
Applicants held for the June, 1972, examinations:

Barsoum, Barsoum Marcos	71-492	C,D,E,F,G,H,I
Biddle, Warren Robert	71-414	C,D,E,F,G,H,I
Kouts, Arthur Cecil	71-399	C,D,E,F,G,H,I
Miller, Mark E.	71-376	C,D,E,F,G,H,I

IV. The committee reviewed the architectural examinations given in December, 1971, 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,



M. L. Vanlandingham, Chairman

...	75	85	...	70	77	76	...
...
...	...	79	79	...	81	...	...
...	80	75	80	77	81	80	81
...	...	...	...	76	...	...	...
...	...	...	...	77	...	81	...
...
...	...	79	81	...	80	...	...
...	...	...	...	82	77	83	...
...	82	...	...	78	82	77	83
...	...	80	79	78	81	83	...
...	...	77	80	...	75	...	...
...	80	77	75	70	84	80	...
...	...	...	...	...	75	...	...

ARCHITECTS

No.	Name	History & Theory	Site Planning	Arch. Design	Bldg. Construction	Structural Design	Prof. Admin.	Bldg. Equipment	Passed
		C	D	E	F	G	H	I	
* 67-85	Aros, Bernard Anthony	P	P	75	P	P	P	P	E
* 67-62	Aye, Maung Khin	P	P	P	P	P	P	76	I
70-501	Banks, John Aubrey	P	F	P	P	P	P	P	
71-411	Baron, Kathryn Marie	P	80	F	F	P	F	P	D
71-97	Bollinger, Walter H.	F	P	P	P	80	82	P	G,H
* 71-416	Buchanan, Carl, Jr.	P	75	82	82	P	87	P	D,E,F,H
71-76	Campbell, Ian D. S.	P	F	75	P	F	P	76	E,I
71-392	Clemons, Loy Ray	79	87	87	F	F	F	F	C,D,E
71-374	Cornoyer, Jeffrey M.	P	F	F	83	P	88	P	F,H
71-375	Craig, Robert Allen	75	85	F	F	76	77	76	C,D,G,H,I
70-457	Davis, Billy Joe	P	P	P	P	F	P	F	
71-238	Davis, Richard Allen	P	F	79	79	P	81	P	E,F,H
* 71-372	Dickinson, Loren A., Jr.	80	75	80	77	82	80	82	CDEFGHI
70-410	Drees, Robert Donald	F	P	P	P	76	P	P	G
* 71-40	Ganos, Chris P.	P	P	P	P	77	P	83	G,I
71-38	Gibbs, Perry Joseph	P	F	F	P	P	P	P	
71-396	Gilbertson, James C.	P	F	79	81	P	86	P	E,F,H
70-89	Griffin, William F.	P	F	F	P	DNA	P	P	
71-369	Grygutis, James E.	82	F	F	78	82	77	83	C,F,G,H,I
* 71-321	Hedrick, Robert Gene	Ex	Ex	80	79	Ex	81	83	E,F,H,I
* 71-371	Hoagland, George C.	P	77	75	80	P	85	P	D,E,F,H
* 71-245	Holland, Leonard C.	84	77	75	78	84	85	84	CDEFGHI
69-150	Jaggers, Philip F.	P	P	F	P	75	F	P	G

ARCHITECTS

03018

No.	Name	History & Theory	Site Planning	Arch. Design	Bldg. Construction	Structural Design	Prof. Admin.	Bldg. Equipment	Passed
		C	D	E	F	G	H	I	
* 71-420	Johannsen, Robert W.	P	82	75	83	P	82	P	D,E,F,H
71-220	Kellum, Charles E.	F	F	F	F	F	F	F	
70-147	Kelly, James Michael	P	P	F	P	P	P	P	
71-72	Lee, Hemsley Martin	76	75	P	F	F	78	P	C,D,H
* 69-13	Lembke, Alfred O.	P	P	75	P	P	P	P	E
* 70-208	Matter, Fred S.	P	82	P	P	P	P	P	D
70-338	Miller, Thomas P. J.	F	P	P	78	F	P	P	F
* 70-442	Moon, Warren DeWitt	P	75	75	P	P	P	P	D,E
71-391	Moos, Stephen Leon	F	F	75	F	F	F	F	E
71-357	Mrozinski, Robert W.	F	85	79	F	F	F	F	D,E
70-6	Myers, Robert W.	F	F	F	P	75	P	P	G
70-312	Nordby, Stanley Ervin	P	P	F	P	P	P	P	
71-395	Osland, Rolf Olaf	79	80	85	80	F	85	79	CDEFHI
* 71-95	Pal, Sukumar	84	75	75	P	P	82	P	C,D,E,H
* 70-399	Plate, Roger Andrew	P	P	P	75	78	P	75	F,G,I
* 70-408	Poland, Philip Edward	P	P	P	P	75	P	P	G
71-397	Powers, Joseph Michael	82	F	F	80	75	86	77	C,F,G,H,I
* 71-366	Purtill, Frank Joseph	81	89	75	77	80	82	82	CDEFGHI
71-342	Reif, Richard Murray	83	F	F	81	86	85	88	C,F,G,H,I
71-85	Steppe, Allan Baker	P	P	F	P	F	P	P	
* 65-108	Thurman, Edward Adair	P	P	75	P	P	P	P	E
70-409	Warner, Fergus P., Jr.	P	75	F	P	F	P	P	D
* 69-302	Weber, Ronald George	Ex	Ex	75	Ex	P	Ex	Ex	E
* 71-317	White, Edward T., III	85	75	82	82	75	87	80	CDEFGHI
66-199	Wonsley, Ronald C.	F	P	P	P	F	P	P	

ARCHITECTS

No.	Name	History & Theory C	Site Planning D	Arch. Design E	Bldg. Construction F	Structural Design G	Prof. Admin. H	Bldg. Equipment I	Passed
* 71-421	Zimmerman, Gail Paul	P	80	78	87	P	91	P	D,E,F,H

ARCHITECT-IN-TRAINING

No.	Name	C	G	I	Passed
* 71-23	Daileda, David A.	80	79	80	C,G,I
71-13	Enriquez, Mike S.	F	F	F	
71-14	James, Michael E.	F	F	F	
71-18	James, Michael Peter	F	F	F	
* 70-10	Jeannette, Brion S.	78	80	84	C,G,I
* 71-19	Krotee, Donald	75	75	77	C,G,I
* 71-15	Lloyd, John S.	81	77	87	C,G,I
* 71-22	Metcalf, Lawrence E.	88	77	84	C,G,I
* 71-16	Micena, John A.	75	75	79	C,G,I
* 71-21	Phillips, James B.	80	79	86	C,G,I
71-20	Rehse, Patrick Charles	F	F	F	
* 71-17	Smart, Richard Vardry	80	77	83	C,G,I

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

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, June 17, 1972

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

Examination H, Professional Administration (No reference material permitted)

11:30 A.M. to 4:30 P.M.

Examination D, Site Planning - "A Rural County Fair"

(No reference material permitted)

Sunday, June 18, 1972

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

Examination E, Architectural Design - "A Preschool Child-care Center"

(No reference material permitted)

Monday, June 19, 1972

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

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

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

Examination I, Building Equipment (No reference material permitted)

Tuesday, June 20, 1972

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)

DATE: March 9, 1972

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

The Landscape Architectural Evaluation Committee met on February 15, 1972, in Phoenix, Arizona, with the following members present:

Lew Place
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:

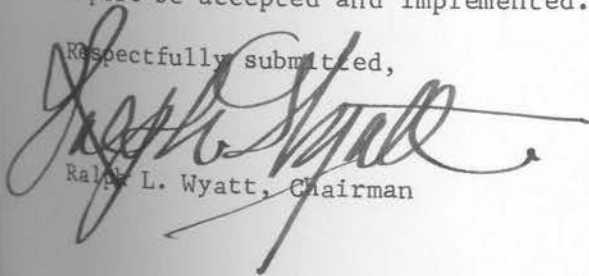
- I. The following applicants having appeared before the committee and satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration in landscape architecture:

Kammeyer, Kenneth K.	71-493
Tattersfield, Philip Walter	71-498
Walls, Lester Raymond, III	71-495

- II. The committee reviewed the landscape architectural examinations given in December, 1971, and recommends to the Board that the grades as shown on the following page be so certified.

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

Respectfully submitted,


Ralph L. Wyatt, Chairman

LANDSCAPE ARCHITECTS

No.	Name	History & Theory	Pltg., Dsn. & Ident.	Landscape Arch. Design	Construction	Prof. Administration	Site Planning (under old Rules)	Passed
71-98	Aubuchon, Norman Lee	F	P	P	85	F		4
71-265	Byrne, Michael George	88	75	F	81	83		1,2,4,5
* 69-86	Ranahan, Eddie Peter	Ex	Ex	P	Ex	Ex	75	4

Monday, June 17, 1973

8:00 A.M. to 4:00 P.M.

Part 4 - Construction (Reference material permitted)

Monday, June 18, 1973

LANDSCAPE ARCHITECT-IN-TRAINING

No.	Name	1 Hist. & Theory	2 Plt., Dsn. & Ident.	3 LS Arch. Design	Passed
71-1	Francis, William Doyne	F	F	F	

Part 2 - Planning, Design & Formulation (No reference material permitted)

Monday, June 19, 1973

8:00 A.M. - 10:00 A.M.

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

10:00 A.M. - 12:00 Noon

Part 3 - Professional Administration (No reference material permitted)

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, Rooms 234 and 240, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 17, 1972

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

Part 4 - Construction (Reference material is permitted)

Sunday, June 18, 1972

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

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

Monday, June 19, 1972

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

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

Tuesday, June 20, 1972

8:00 A.M. - 10:00 A.M.

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

10:00 A.M. - 12:00 Noon

Part 5 - Professional Administration (No reference material permitted)

DATE: February 2, 1972

TO: State Board of Technical Registration

FROM: Engineering Examination Committee

SUBJECT: Structural Engineering Examination Results

At the direction of the Chairman of the Engineering Examination Committee, a telephone meeting was held on February 2, 1972, to certify the Structural Engineering Examination Part 5 grades received.

Committee members Dryden, Girand, Knickerbocker, and Wallace unanimously approved and certified the passing grades for Messrs. Campbell, Goff, Pilmanis and Schoeller as shown on Minute Page 3005.

Respectfully submitted,

Charles W. Newlin
 Charles W. Newlin
 Chairman

Mr. J. H. Dryden	71-367
Mr. J. H. Girand	71-368
Mr. J. H. Knickerbocker	71-369
Mr. J. H. Wallace	71-370
Mr. J. H. Campbell	71-371
Mr. J. H. Goff	71-372
Mr. J. H. Pilmanis	71-373
Mr. J. H. Schoeller	71-374
Mr. J. H. ...	71-375
Mr. J. H. ...	71-376
Mr. J. H. ...	71-377
Mr. J. H. ...	71-378
Mr. J. H. ...	71-379
Mr. J. H. ...	71-380
Mr. J. H. ...	71-381
Mr. J. H. ...	71-382
Mr. J. H. ...	71-383
Mr. J. H. ...	71-384
Mr. J. H. ...	71-385
Mr. J. H. ...	71-386
Mr. J. H. ...	71-387
Mr. J. H. ...	71-388
Mr. J. H. ...	71-389
Mr. J. H. ...	71-390
Mr. J. H. ...	71-391
Mr. J. H. ...	71-392
Mr. J. H. ...	71-393
Mr. J. H. ...	71-394
Mr. J. H. ...	71-395
Mr. J. H. ...	71-396
Mr. J. H. ...	71-397
Mr. J. H. ...	71-398
Mr. J. H. ...	71-399
Mr. J. H. ...	71-400

CIVIL ENGINEERING - Class 4

Mr. J. H. ...	71-401
Mr. J. H. ...	71-402
Mr. J. H. ...	71-403
Mr. J. H. ...	71-404
Mr. J. H. ...	71-405
Mr. J. H. ...	71-406
Mr. J. H. ...	71-407
Mr. J. H. ...	71-408
Mr. J. H. ...	71-409
Mr. J. H. ...	71-410

ELECTRICAL ENGINEERING

Mr. J. H. ...	71-411
Mr. J. H. ...	71-412
Mr. J. H. ...	71-413
Mr. J. H. ...	71-414
Mr. J. H. ...	71-415
Mr. J. H. ...	71-416
Mr. J. H. ...	71-417
Mr. J. H. ...	71-418
Mr. J. H. ...	71-419
Mr. J. H. ...	71-420

METALLURGICAL ENGINEERING

Mr. J. H. ...	71-421
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MEDICAL ENGINEERING

Mr. J. H. ...	71-422
Mr. J. H. ...	71-423
Mr. J. H. ...	71-424
Mr. J. H. ...	71-425
Mr. J. H. ...	71-426
Mr. J. H. ...	71-427
Mr. J. H. ...	71-428
Mr. J. H. ...	71-429
Mr. J. H. ...	71-430

MEDICAL ENGINEERING

Mr. J. H. ...	71-431
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DATE: March 9, 1972

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

The Engineering Evaluation Committee met on February 16, 17, and 18, 1972, in Phoenix, Arizona, with the following members present:

C. W. Dryden C. W. Newlin
 John Girard Robert G. Wallace

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the committee and satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 are hereby recommended for registration:

CIVIL ENGINEERING

Armour, Charles Rudolph, Jr.	71-467
Baker, Robert Harold	71-452
Blakesley, William Edwin	71-385
Connor, Edward Hollis, III	71-280
Davis, Carl Earnest	71-434
Del Bourgo, Jacob Joseph	71-454
Dickinson, James Kemper	71-439
Faulhaber, Richard Joseph	71-478
Jensen, Ronald W.	71-404
Johnson, Charley Ernest	71-453
Judge, Thomas Joseph	71-440
Kent, Harry Allyn	71-447
Kinard, William Alfred	71-408
Krier, Alnoth Holman	71-463
Krull, Robert Glenn	71-456
Kula, Uno	71-457
Lemme, William Augustus	72-7
Lynch, Gail Patrick	71-477
McClurkan, Wilbur Guy, Jr.	72-32
Marron, Hal E.	71-509
Martin, Ben H.	71-474
Patel, Navinchandra Bhikhabhai	71-330
Pauls, Elvin Lee	71-335
Pennington, Gordon Rex	71-345
Piscione, Joseph Ralph	71-441
Quaas, Leroy Melvin	71-508
Samuels, Allan Floyd	71-507
Sarantes, George Nicholas	71-484
Schemmer, James Albert	71-442
Shamma, Tariq Mohammed	71-511
Shaw, Edward Gilliam	71-512

CIVIL ENGINEERING - Cont'd.

Sorensen, Louis George	72-29
Sneed, John B., III	71-464
Travis, William LeRoy	72-17
Trepanier, Charles Lionel	72-4
Vieli, Nazar	72-15
Walters, Joseph Daniel	71-449
Yarnell, Joseph Neal	71-468

ELECTRICAL ENGINEERING

Matson, Wallace J.	71-402
Maxfield, Howard B.	71-445
Rector, Alwin H.	71-455
Seymour, Jean Wycoff	71-406
Stearns, William P.	71-514
Wojtan, Stanley Joseph	71-393
Woolsey, William Phillip	71-483

INDUSTRIAL ENGINEERING

Matthews, Robert Andrew	71-476
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MECHANICAL ENGINEERING

Backer, Williad A., Jr.	71-444
Brown, Jorge Diego	71-446
Johnson, Hugh F.	71-480
Miller, Jack	71-500
Rudberg, John Arthur	71-469
Turton, Charles Federic	71-481

METALLURGICAL ENGINEERING

Shoemaker, Robert Sidney	72-5
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I. Continued

MINING ENGINEERING

Chapman, Robert T.	71-183
Lim, Vicente Matias, Jr.	71-506
Seegmiller, Ben L.	71-460

STRUCTURAL ENGINEERING

Bayan, Michael Hovik	71-488
Wuest, Kenneth L.	71-436

GEOLOGY

Cronenwett, Charles Emanuel	71-461
Doss, Aubrey K.	72-37

LAND SURVEYING

Daley, William Robert	72-6
Gentry, William Oliver	71-502
Jenson, Clifford Leo	71-403
Shelton, Gary Kenneth	71-503
Skeeles, Herbert Holloway	71-462
Sterck, Douglas Frederick	71-475

- 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, 1972, written examinations:CIVIL ENGINEERING

Arthur, Norman Lee	71-499	Parts 3 and 4
Caudill, Herbert, Jr.	71-409	Parts 3 and 4
Davis, Donald Ray	72-12	Parts 3 and 4
Hart, Laurent Cornelis	71-384	Parts 3 and 4
Hu, William Che-ming	71-466	Parts 3 and 4
Johnson, James Verne	72-14	Parts 3 and 4
Manera, Paul A.	71-489	Parts 3 and 4
Matthews, Lawrence Eldridge, Jr.	71-472	Parts 3 and 4
Ong, Benjamin Wah	72-13	Parts 3 and 4
Peirce, Chadwin Harvey	71-482	Parts 3 and 4
Porco, John William	71-485	Parts 3 and 4
Priniski, George Stanley, Sr.	72-10	Parts 3 and 4
Tanner, Stephen Leetham	71-516	Parts 3 and 4
Warrior, Vijayan	71-443	Parts 3 and 4
Williams, Robert Roy	71-473	Parts 3 and 4
Yoder, Dan Samuel	71-513	Parts 3 and 4

ELECTRICAL ENGINEERING

Andrews, Michael	71-458	Parts 3 and 4
Fierros, Ramon	71-487	Parts 3 and 4
Sullivan, Neil Joseph	71-448	Parts 3 and 4
Vogt, Philip Lee	72-11	Parts 3 and 4
Wells, Walter Edwin	71-328	Parts 3 and 4

MECHANICAL ENGINEERING

Chacon, Leroy C.	71-401	Parts 3 and 4
Dennis, Richard H.	71-438	Parts 1, 2, 3 and 4
Dudley, Walter Figot	71-515	Parts 3 and 4

STRUCTURAL ENGINEERING

Womack, David Paul	72-21	Parts 5 and 6
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II. Continued

<u>GEOLOGY</u>		
Kresse, Frank Carl W.	71-327	Parts 3 and 4
<u>LAND SURVEYING</u>		
Coggin, Horace Mason	71-405	Parts 1, 2, 3 and 4
Costa, Joseph Eli	72-22	Parts 1, 2, 3 and 4
Kleinman, Lawrence Richard	71-504	Parts 1, 2, 3 and 4
Morey, Donald Arthur	71-407	Parts 1, 2, 3 and 4
Shreeve, Franklin Keith	71-510	Parts 1, 2, 3 and 4

Applicant held for the December, 1972, written examinations:

<u>LAND SURVEYING</u>		
Pidskalny, Robert Andrew	71-281	Parts 1, 2, 3 and 4

III. It is recommended that the following applicant, having documented additional experience of a character satisfactory to the Board, be granted registration:

Hampson, Arnold Griswold	71-437	Civil Engineer
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The committee recommends to the Board that Recommendations I through III of this report be accepted and implemented.

Respectfully submitted,

CW Newlin

C. W. Newlin, Chairman

8201	Winters, William
8202	Winters, William
8203	Winters, William
8204	Winters, William
8205	Winters, William
8206	Winters, William
8207	Winters, William
8208	Winters, William
8209	Winters, William
8210	Winters, William
8211	Winters, William
8212	Winters, William
8213	Winters, William
8214	Winters, William
8215	Winters, William
8216	Winters, William
8217	Winters, William
8218	Winters, William
8219	Winters, William
8220	Winters, William
8221	Winters, William
8222	Winters, William
8223	Winters, William
8224	Winters, William
8225	Winters, William
8226	Winters, William
8227	Winters, William
8228	Winters, William
8229	Winters, William
8230	Winters, William
8231	Winters, William
8232	Winters, William
8233	Winters, William
8234	Winters, William
8235	Winters, William
8236	Winters, William
8237	Winters, William
8238	Winters, William
8239	Winters, William
8240	Winters, William
8241	Winters, William
8242	Winters, William
8243	Winters, William
8244	Winters, William
8245	Winters, William
8246	Winters, William
8247	Winters, William
8248	Winters, William
8249	Winters, William
8250	Winters, William
8251	Winters, William
8252	Winters, William
8253	Winters, William
8254	Winters, William
8255	Winters, William
8256	Winters, William
8257	Winters, William
8258	Winters, William
8259	Winters, William
8260	Winters, William
8261	Winters, William
8262	Winters, William
8263	Winters, William
8264	Winters, William
8265	Winters, William
8266	Winters, William
8267	Winters, William
8268	Winters, William
8269	Winters, William
8270	Winters, William
8271	Winters, William
8272	Winters, William
8273	Winters, William
8274	Winters, William
8275	Winters, William
8276	Winters, William
8277	Winters, William
8278	Winters, William
8279	Winters, William
8280	Winters, William
8281	Winters, William
8282	Winters, William
8283	Winters, William
8284	Winters, William
8285	Winters, William
8286	Winters, William
8287	Winters, William
8288	Winters, William
8289	Winters, William
8290	Winters, William
8291	Winters, William
8292	Winters, William
8293	Winters, William
8294	Winters, William
8295	Winters, William
8296	Winters, William
8297	Winters, William
8298	Winters, William
8299	Winters, William
8300	Winters, William

It was moved by Mr. Vanlandingham and seconded by Mr. Place that the following applicants for professional registration having completed the personal audience and all other requirements of the Board be granted registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECTURE

Aros, Bernard Anthony	8250
Aye, Maung Khin	8251
Bartolomeo, John L.	8252
Brown, William John	8253
Buchanan, Carl, Jr.	8254
Buck, Robert Vincent	8255
Call, Gary La Mar	8256
Consolo, Vincent Michael	8257
Corey, Clark William	8258
Dickinson, Loren Alfred, Jr.	8259
Fast, Alfred H.	8260
Fisher, John Sergio	8261
Furney, Harry R.	8262
Ganos, Chris Pendarius	8263
Giusti, John Louis	8264
Glasscock, Harry Jordan	8265
Graham, Channell Archer	8266
Haberman, Eugene	8267
Hedrick, Robert Gene	8268
Hewlett, James LeRoy	8269
Hoagland, George Coleman	8270
Holland, Leonard Charles	8271
Johannsen, Robert W.	8272
Kober, Charles McChesney	8273
Kuhnel, Melvin Dean	8274
Lemke, Alfred O.	8275
Livingston, William Brouhard	8276
Lloyd, Glen Ashton	8277
Matter, Fred Sweetser	8278
Moon, Warren DeWitt	8279
Morrison, Thomas Jean	8280
Olsen, Donald Keith	8281
Overby, McDonald Arthur	8282
Pal, Sukumar	8283
Pearson, Charles Lloyd	8284
Perry, Alan Eugene	8285
Plate, Roger Andrew	8286
Pland, Philip Edward	8287
Purtill, Frank Joseph	8288
Rohwer, Jay Thomas	8289
Rutherford, Gene Rankin	8290
Thompson, Julian Victor	8291
Thurman, Edward Adair	8292
Train, Jack Durkee	8293
Weber, Ronald George	8294
White, Edward T., III	8295
Whitmire, John Clark	8296
Woodard, Stewart Clark	8297
Zimmerman, Gail Paul	8298

CIVIL ENGINEERING

Armour, Charles Rudolph, Jr.	8299
Baker, Robert Harold	8300
Blakesley, William Edwin	8301
Connor, Edward Hollis, III	8302
Davis, Carl Earnest	8303
Del Bourgo, Jacob Joseph	8304
Dickinson, James Kemper	8305
Faulhaber, Richard Joseph	8306
Hampson, Arnolds Griswold	8368
Jensen, Ronald W.	8307
Johnson, Charley Ernest	8308
Udge, Thomas Joseph	8309
Kent, Harry Allyn	8310
Kinard, William Alfred	8311
Krier, Alnoth Holman	8312
Krull, Robert Glenn	8313
Kula, Uno	8314
Lemme, William Augustus	8315
Lynch, Gail Patrick	8316
McClurkan, Wilbur Guy, Jr.	8317
Marron, Hal E.	8318
Martin, Ben H.	8319
Patel, Navinchandra Bhikhabhai	8320
Pauls, Elvin Lee	8321
Pennington, Gordon Rex	8322
Piscione, Joseph Ralph	8323
Quaas, Leroy Melvin	8324
Samuels, Allan Floyd	8325
Sarantes, George Nicholas	8326
Schemmer, James Albert	8327
Shamma, Tariq Mohammed	8328
Shaw, Edward Gilliam	8329
Sneed, John B., III	8330
Sorensen, Louis George	8331
Travis, William LeRoy	8332
Trepanier, Charles Lionel	8333
Vieli, Nazar	8334
Walters, Joseph Daniel	8335
Yarnell, Joseph Neel	8336

ELECTRICAL ENGINEERING

Matson, Wallace J.	8337
Maxfield, Howard B.	8338
Rector, Alwin H.	8339
Seymour, Jean Wycoff	8340
Stearns, William P.	8341
Wojtan, Stanley Joseph	8342
Woolsey, William Phillip	8343

Continued.....

INDUSTRIAL ENGINEERING

Matthews, Robert Andrew	8344
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MECHANICAL ENGINEERING

Backer, Willard A., Jr.	8345
Brown, Jorge Diego	8346
Johnson, Hugh F.	8347
Miller, Jack	8348
Rudberg, John Arthur	8349
Turton, Charles Frederic	1518 (re-regis.)

METALLURGICAL ENGINEERING

Shoemaker, Robert Stanley	8350
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MINING ENGINEERING

Chapman, Robert T.	8351
Lim, Vicente Matias, Jr.	8352
Seegmiller, Ben L.	8353

STRUCTURAL ENGINEERING

Bayan, Michael Hovik	8354
Wuest, Kenneth L.	8355

GEOLOGY

Cronenwett, Charles Emanuel	8356
Doss, Aubrey K.	8357

LANDSCAPE ARCHITECTURE

Kammeyer, Kenneth K.	8358
Ranahan, Eddie Peter	8359
Tattersfield, Philip Walter	8360
Walls, Lester Raymond, III	8361

LAND SURVEYING

Daley, William Robert	8362
Gentry, William Oliver	8363
Jenson, Clifford Leo	8364
Shelton, Gary Kenneth	8365
Skeeles, Herbert Holloway	8366
Sterck, Douglas Frederick	8367

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

ARCHITECT-IN-TRAINING

Daileda, David A.	109
Jeanette, Brion S.	110
Krotee, Donald	111
Lloyd, John S.	112
Metcalf, Lawrence Elliott	113
Micena, John A.	114
Phillips, James B.	115
Smart, Richard Vardry	116

ENGINEER-IN-TRAINING

Alster, Christopher	1056
Armstrong, Walter R., III	1057
Berry, James E.	1058
Black, Paul Neal	1059

ENGINEER-IN-TRAINING - Cont'd.

Campbell, Gary W.	1060
Delton, James Philip	1061
Ekdahl, Harry E.	1062
Felsingner, Donald Edward	1063
Foreman, Geoffrey H.	1064
Guiles, Edwin Arthur	1065
Lou, Lai Wah	1066
Lundquist, Thomas George	1067
Mackey, Charles Everett	1072
Newton, David J.	1068
Ray, Norman Andrew	1069
Rohlik, Ronald	1070
Sisley, Robert K.	1071

REPORT OF THE PUBLIC INFORMATION COMMITTEE

No report.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director presented Cash Flow Report #3, as shown on Minute Page 3030, and it was noted that with expenses of \$46,427.92 through March 1, the appropriation of \$93,225 for the fiscal year should suffice if there is no exceptional increase in examination costs.

DATE: March 1, 1972

Balance on Deposit as of July 1, 1971 - \$54,975.95

Balance on Deposit as of Report Date - \$167,262.28

Total Appropriated Receipts to Date: \$112,286.33

Unencumbered Balance as of Report Date - \$114,171.48

LUMP SUM APPROPRIATED

\$93,225.00

Code	Expenditures	Amount
7112.0	Salaries	\$25,420.96
7151.0	Industrial Insurance	28.42
7153.0	FICA	951.71
7155.0	State Retirement	1,271.05
7159.0	Personnel Commission	64.50
7163.0	Bond for Revolving Fund	10.00
7216.0	Data Processing	907.35
7219.0	Professional Services	3,307.36
7220.0	State Travel	888.80
7230.0	Out-of-State Travel	1,478.55
7251.0	Rent - Office	5,715.72
7272.0	Maintenance & Repairs	111.93
7280.0	Office Supplies	1,594.47
7331.0	Photographs	23.68
7334.0	Postage & Postage Meter	1,638.64
7335.0	Telephone & Telegram	833.33
7336.0	Express	18.23
7342.0	Xerox	472.12
7360.0	Dues & Subscriptions	1,351.60
7913.0	Revolving Fund	200.00
7921.0	Refunds	<u>139.50</u>

Amount Spent to Date

\$46,427.92

BALANCE FOR YEAR

\$46,797.08

READING OF COMMUNICATIONS

Requests from Richard Allen Davis and Charles E. Kellum, architectural applicants; and from Chester J. Patch, III, Fred Rodriguez and William J. Raymo, engineering applicants, for review of the December, 1971, respective examinations were introduced. It was moved by Mr. Girand and seconded by Mr. Place that letters requesting review of examination grades be referred to the appropriate evaluation committee and that the writers be so notified. Motion carried.

Gerald L. Shell, registered Civil Engineer, requested that due to his change of residence in 1971 and not receiving the renewal notice until after the expiration date, he not be assessed any penalty fee. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that Mr. Gerald L. Shell's license for the year 1972 be renewed without penalty. Motion carried.

UNFINISHED BUSINESS

The subject of the Hayden Road warehouse was briefly discussed.

Mr. Bowlsby commented to the meeting in regard to his letter concerning registration of Landscape Architects, as shown on Minute Pages 3032, 3033 and 3034.

NEW BUSINESS

It was moved by Mr. Girand and seconded by Mr. Knickerbocker that any architect/member who wished to attend the Western Conference of National Council Architectural Registration Boards meeting March 30 to April 1 at the Broadmoor in Colorado Springs, Colorado, be authorized to do so. Motion carried.

It was moved by Mr. Wyatt and seconded by Mr. Place that any engineer/member who wished to attend the Western Zone of National Council of Engineering Examiners meeting May 22 and 23 in Jackson, Wyoming, be authorized to do so. Motion carried.

After reading a letter from Russell T. Connors, it was moved by Dr. Newlin and seconded by Mr. Place that Mr. Connors be informed that in accordance with A.R.S. 32-127(B), a new application is required; and that the application dated February 25, 1972, shall be processed in the usual manner. Motion carried.

Discussion was held regarding plans for a shopping center at Flagstaff, Arizona. It was moved by Mr. Girand and seconded by Mr. Place that the executive director check with the Assistant Attorney General to see if there is sufficient evidence to hold a hearing in regard to Mr. Richard Seleine's actions. Motion carried.

The Chairman directed that the result be reported to him for decision as to necessity for further action by the Board.

Dr. Newlin reported that the ad-hoc committee regarding the "Investigator" is making progress and will report at a later date.

ROBERT M. BOWLSBY & ASSOCIATES, INC.

Community Development Consultant
1528 East Missouri Avenue, Suite B-101
Phoenix, Arizona 85014
Telephone: (602) 279-7218

RECEIVED

JAN 20 1972

STATE BOARD TECHNICAL REGISTRATION

January 11, 1972

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

Re: Regulations pertaining to the Registration of
Landscape Architects - Inquiry from
Sandra D. O'Connor, State Senator, District 20

Dear Mr. Drewry:

A conference was held today with Senator Sandra D. O'Connor, as directed by the Board at its last meeting December 10, 1971, concerning a constituent's interest in registration requirements for landscape architects 32-122 and 33-144. The constituent, Mr. Leighton Tom Wade, attorney-at-law, was also present. Mr. Wade's son, currently a graduate student at the University of Arizona, prompted the inquiry when it was determined that he could not practice the profession of Landscape Architecture upon graduation until he had fulfilled three years of practical experience under the direct supervision of a registered landscape architect. It was his contention that the three to four years practical experience requirement was overly restrictive when compared to the registration requirements found in other states which have registration requirements for landscape architects. (A copy of the research made on this subject by Miss O'Connor's office is attached hereto.)

The night before the conference I received a telephone call from Mr. Guy Green, Professor of Landscape Architecture at the University of Arizona, briefing me on the subject to be discussed with Senator O'Connor. He informed me that his main concern and that of Mr. Wade and his son, is the minimum age (25 years)

Mr. Edward G. Drewry

January 11, 1972
Page 2

and experience requirements provided under ARS 32-122. They would like to see the age requirements lowered to 21 years, and practical experience requirements waived for landscape architectural graduates upon receiving their B.S. degree from an accredited school; an accredited school being that approved by the American Society of Landscape Architects (national professional organization).

Professor Green pointed out that many of the graduating landscape architects leave the state to enter private practice elsewhere, due to this stringent requirement and the lack of working opportunities for employment under a local registrant.

In summary, it was his position that by waiving the experience and age requirements the state and general public would benefit both directly and indirectly by:

- (a) Allowing the young graduate to create his own working opportunity in a professional field not now being adequately served.
- (b) Retaining and using to good advantage the educational investment the state has in the young graduate; and
- (c) Helping to create a more livable and satisfying environment, now in jeopardy, by the state's rapid population growth.

The following day at the conference Senator O'Connor covered the same points that were discussed with Professor Green, and also concurred with his opinion. Senator O'Connor advised me that she was immediately going to sponsor a bill to change the Code as it now stands by waiving the practical experience requirements and lowering the age requirement to 21 years for landscape architects graduating from an accredited school. She suggested that I report this information to the Board as well as to my colleagues, and Senator O'Connor said that she will keep me informed as to the status of the proposed new bill.

I disagreed with Senator O'Connor's statement that the "safety, health and welfare" of the public was not directly affected by our profession or by waiving the practical experience and age requirements. I pointed out that I, as well as many other practicing

Mr. Edward G. Drewry

January 11, 1972
Page 3

landscape architects are frequently commissioned to prepare comprehensive community plans involving the proper use of land, land use controls; prepare major streets and highway plans; parks, schools and recreational plans, etc., all concerning the public's safety, health and welfare.

I will bring this matter before the local Arizona Association of Landscape Architects at their next meeting to be held later this month.

Very truly yours,

Robert M. Bawlsby
Robert M. Bawlsby, A. I. P., L. A.
Community Development Consultant

RMB:lm

Enclosure

After discussion of a letter, dated March 9, 1972, received from Mr. Joseph Stanley Wiater, architectural applicant denied at the September 17, 1971, Board meeting, it was moved by Mr. Place and seconded by Dr. Newlin that the matter of Mr. Wiater's registration as a civil engineer be referred to the Engineering Evaluation Committee. Motion carried.

The Chairman read a copy of a letter received from Mr. Herb Shipley, addressed to Mr. James Martin, dated March 13, 1972.

Mr. Vanlandingham read a letter which he received from Mr. Carl Adam, dated February 21, 1972, and referred it to the executive director for reply and appropriate action.

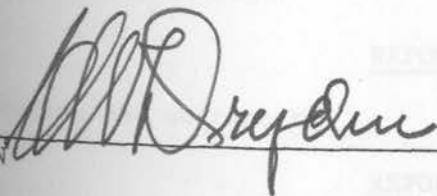
It was moved by Mr. Wyatt and seconded by Mr. Place that the following dates be approved for Board and committee meetings. Motion carried.

- April 7, 1972 - Engineering Examination Committee meeting for
2:00 P.M. review of April, 1972, examinations in Phoenix
- May 9, 1972 - Architectural and Landscape Architectural Evaluation
9:00 A.M. Committee meeting in Phoenix
- May 10, 11 & - Engineering Evaluation Committee meeting in
12, 1972 Phoenix
9:00 A.M.
- June 23, 1972 - Regular meeting of the Board in Flagstaff
9:00 A.M.

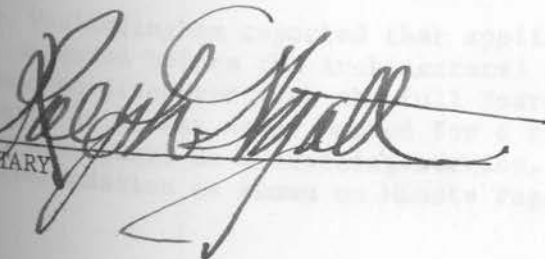
ADJOURNMENT

It was moved by Mr. Place and seconded by Mr. Knickerbocker that the meeting be adjourned at 2:15 P.M. Motion carried.

CHAIRMAN



SECRETARY



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

JUNE 26, 1972

The meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden Chairman, in the office of the Board, 3550 N. Central Avenue, Phoenix, Arizona, after being postponed from the scheduled June 23rd date because of severe flood conditions, at 9:15 A.M.

PRESENT

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

ABSENT

Lew Place

It was moved by Mr. Girand and seconded by Dr. Newlin that the minutes of the meeting of the Board on March 17, 1972, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

It was moved by Mr. Wyatt and seconded by Dr. Newlin that the report of the Executive Committee meeting held on April, 12, 1972, be approved as presented on Minute Pages 3037 and 3038. Motion carried.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

Since the Board meeting was not held on June 23, the date also for the public hearing on the proposed Rule changes, it was moved by Mr. Knickerbocker and seconded by Mr. Girand that the Board postpone taking action on our proposed Rule changes at this time, we readvertise the notice of the public hearing, and put it on the agenda for the September meeting of the Board. Motion carried.

REPORT OF THE LEGISLATIVE COMMITTEE

No meeting and no report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Vanlandingham reported that applicant James Muth had been advised when he appeared before the Architectural Evaluation Committee, his application would be discussed with the full Board. The committee recommended he be denied as he has never worked for a registered architect and has practiced for many years as a drafting service, and the Board concurred with this recommendation as shown on Minute Page 3041.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee held a meeting in the office of the Board on April 12, 1972, with the following members present:

C. W. Dryden, Chairman
Robert M. Bowsby
Charles W. Newlin
Robert G. Wallace
Ralph L. Wyatt

Visitors: Dwight Busby
Gerald Clark
Stirley Cantor, Asst.
Attorney General

The meeting was called to discuss the possibility of holding a formal hearing in the matter of the shopping center in Flagstaff involving Russ Connor and Associates and Richard Seleine, registered Architect, No. 7820.

After considerable discussion, it was moved by Mr. Wyatt and seconded by Dr. Newlin that the Executive Director and Mrs. Stirley Cantor, Assistant Attorney General, be directed to pursue this case to see if they can establish a reason to call a formal hearing and are authorized to hire any investigators necessary to accomplish same. Motion carried. The Chairman will call another meeting if it is established that they have a case.

The lack of distinction between architects and engineers as related to the design of buildings for human habitation which prevails in the Plans Review Department of the City of Phoenix was discussed at some length.

The Executive Committee reaffirmed the Board's position that human occupancy is a guideline to distinguish between architecture and engineering. Mrs. Stirley Cantor offered to present this position to the appropriate authorities at City Hall, and was requested to act accordingly.

A complaint against Rod Gomez, registered Civil and Structural Engineer, regarding a stadium to be built in Tucson was discussed. It was moved by Mr. Wyatt and seconded by Dr. Newlin that in view of the Board's position that occupancy is primary consideration of architecture that we notify Mr. Gomez that we consider architecture is not incidental in this case and suggest that he hire a consulting associate to perform the architectural work on this project. Motion carried.

There being no further business, the Chairman adjourned the meeting.

A D D E N D U M

A letter dated April, 7, 1972, was received from Mr. Richard Seleine, in which he stated "All plans and specifications pertaining to work in Arizona have been subject to my personal supervision and approval."

This was discussed with Mrs. Cantor, and the fact was reported to Mr. Vanlandingham, Chairman of the Architectural Committee.

Mr. Vanlandingham agreed that the matter should be considered closed.

Meeting held on the 11th of November, 1973, continuation.

Mr. Seale presented the Engineering Evaluation Committee meeting report of the 10, 11 and 12, 1972, as shown on Minute Paper 3043 through 3046. It was moved by Mr. Seale and seconded by Mr. Kaishenbocker that this report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. W. G. Beck, land surveyor applicant, appeared before the Board to request consideration of his application prior to the next Evaluation Committee meeting since he had failed to pass the first personal auditors examination in May. It was moved by Mr. Girard and seconded by Dr. Swalla that Mr. Beck be given the personal auditors examination this date, and if he makes a satisfactory grade that the Chairman call a meeting of two or three members of the Engineering Evaluation Committee to interview Mr. Beck, in depth, with respect to his experience. Motion carried.

After Mr. Beck's interview with the Committee, it was moved by Dr. Swalla and seconded by Mr. Girard that Mr. Beck be granted registration as a land surveyor.

It was moved by Dr. Swalla and seconded by Mr. Vanlandingham that the following applicants are to be denied with neither suspension nor refund of their fees. Motion carried.

Mr. Tom Adams	69-129	Mechanical Engineer
Mr. Paul Raymond	71-378	Architect
Mr. Carl G. ...	71-491	Architect
Mr. ...	72-73	Civil Engineer
Mr. ...	71-327	Geologist
Mr. ...	71-423	Architect
Mr. ...	71-478	Structural Engineer
Mr. ...	71-317	Architect

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of May 9, 1972, as shown on Minute Pages 3040 and 3041. It was moved by Mr. Vanlandingham and seconded by Mr. Wyatt that this report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Wyatt presented the Landscape Architectural Evaluation Committee meeting report of May 9, 1972, as shown on Minute Page 3042. It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that this report of the Landscape Architect meeting be accepted and implemented by the Board. Motion carried.

The Board discussed a letter from Rod Gomez regarding one of the applicants, Conrad Huss, whom the committee recommends be denied for lack of experience of a character satisfactory to the Board. The committee reaffirmed to the Board he needs at least 18 months of experience and would be in line to reapply and take the December, 1973, examination.

Dr. Newlin presented the Engineering Evaluation Committee meeting report of May 10, 11 and 12, 1972, as shown on Minute Pages 3043 through 3054. It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that this report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Don C. Rock, land surveyor applicant, appeared before the Board to request consideration of his application prior to the next Evaluation Committee meeting since he had failed to pass the first personal audience examination in May. It was moved by Mr. Girand and seconded by Dr. Newlin that Mr. Rock be given the personal audience examination this date, and if he makes a satisfactory grade that the Chairman call a meeting of two or three members of the Engineering Evaluation Committee to interview Mr. Rock, in depth, with respect to his experience. Motion carried.

After Mr. Rock's interview with the Committee, it was moved by Dr. Newlin and seconded by Mr. Girand that Mr. Rock be granted registration as a Land Surveyor.

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

Duffy, Jack Edwin	69-229	Mechanical Engineer
Engle, Duane Raymond	71-358	Architect
Howe, Carl O., Jr.	71-491	Architect
King, Franklin R.	72-23	Civil Engineer
Kresse, Frank Carl W.	71-327	Geologist
Paseur, Charles Herbert	71-423	Architect
Weingardt, Richard George	71-459	Structural Engineer
Weisbach, Gerald Gamliel	71-333	Architect

DATE: May 10, 1972

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

The Architectural Evaluation Committee met on May 9, 1972, in Phoenix, Arizona, with the following members present:

Lew Place
 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 have 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:

Alexander, Fred Sharpe, III	72-191	Knight, Kenneth K.	71-518
Anderson, Duane David	72-71	Lauver, Leon Kenneth	72-133
Belle, Paul	72-20	McClarty, Willis Richard	72-25
Borders, Robert Stanley	72-190	Martin, Cecil A.	72-223
Bronger, John Turpie	72-1	Porter, Gailyn L.	72-173
Chafee, Judith Davidson	72-57	Rigsby, John Henry	72-62
Clark, Kenneth N.	72-67	Sagistano, Leo A.	72-189
Combs, John Craig	72-194	Salamone, Placido	72-54
Creamer, Peter Tyrrell	72-169	Salerno, Daniel N.	72-24
Crites, Raymond Lyle	72-134	Sands, Edgar Louis	72-40
Cullen, William S.	72-138	Shwabe, Igor	72-68
Dority, Alexander Davidson	72-69	Skaggs, Irl Robert	72-136
Dorius, Kermit P.	72-129	Spangler, Frank Leslie, III	72-167
Downs, Thomas Cooper	72-177	Swan, David Allan	72-39
Foote, J. Mike	72-179	Thorne, James Markham	72-185
Froning, Donald John	72-60	Wayman, Leonard	71-430
Gregory, Donald	72-55	Winfield, Geri	72-141
Guthrie, John P.	72-63	Wolfe, Harold D., Jr.	72-123
Higgins, George Calvin	72-120	Young, Ronald Newton	72-196
Hill, Errol Forrest	72-187		
Holguin, George Edward	72-131		
Jackson, Gordon Hall	72-28		

- II. The following applicants completed their personal audience interview and the committee confirms the recommendation that these individuals be held for the written examinations indicated:

II. Continued

Applicants held for June, 1972, examinations:

Bassett, Richard Steven	72-186	C,D,E,F,G,H,I
Coracides, Basilio B.	72-103	C,D,E,F,G,H,I
Cotton, Dudley Page, Jr.	72-59	C,D,E,F,G,H,I
Cox, Stephan A.	72-66	C,D,E,F,G,H,I
Dastan, Iraj	72-165	C,D,E,F,G,H,I
Enyart, Larry L.	72-104	C,D,E,F,G,H,I
Harrington, James Edgar	72-65	D,E,F,H
Hopper, Albert Nelson, Jr.	72-58	C,D,E,F,G,H,I
Jernigan, Richard Jeffrey	72-172	C,D,E,F,G,H,I
Leftwich, Billy John	72-121	C,D,E,F,G,H,I
McClain, Robert Edwin	72-132	C,D,E,F,G,H,I
Maskulka, Gerald Edward	72-176	D,E,F,H
Pongraz, Edward Robert	72-139	E,F, and treatise
Roberson, Jerry Roger	72-171	C,D,E,F,G,H,I
Scalise, James William	72-175	C,D,E,F,G,H,I
Shadoin, Thomas Matson, Jr.	72-184	C,D,E,F,G,H,I
Stamm, William Paul	72-130	D,E,F,H
Taggart, Dennis Lee	72-178	D,E,F,H

Applicant held for December, 1972, examinations:

Fraunhoffer, Herman J.	72-135	C,D,E,F,G,H,I
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III. The following applicant having been advised that he must submit a treatise and problem 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:

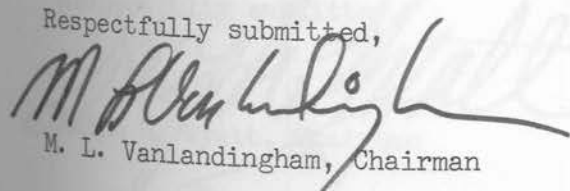
Wassell, Edward Thomas	71-353
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IV. It is recommended that the following applicant be denied registration under A.R.S. 32-123.C for lack of experience of a character satisfactory to the Board to be deemed qualified under A.R.S. 32-122 or 32-123, and be refunded the amount shown of his application fee:

Muth, James Harold	72-166	\$10.00
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The committee recommends to the Board that Recommendations I through IV of this report be accepted and implemented.

Respectfully submitted,



M. L. Vanlandingham, Chairman

DATE: May 10, 1972

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

The Landscape Architectural Evaluation Committee met on May 9, 1972, in Phoenix, Arizona, with the following members present:

- Robert M. Bowsby
- Lew Place
- 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:

Buktenica, Jack W. 72-192

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 examination indicated:

Applicant held for the December, 1972, examinations:

Smyth, Jack Biggers 72-102 Parts 1, 2, 3, 4 and 5

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

Respectfully submitted,

Ralph L. Wyatt
Ralph L. Wyatt, Chairman

Taylor, Richard Allen 72-40

Talbot, Edwin Worgan 72-118

Tracy, Thomas Corey 72-67

Wardman, Thomas Edgar 72-102

Wardman, Larry Lee 72-60

Wardman, Gerald Charles 72-118

Wardman, John Thomas, Jr. 72-118

Wardman, Gerald Warner 72-60

Wardman, Jerry Earl 72-60

Wardman, John Henry 72-60

Continued.....

DATE: June 15, 1972

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

The Engineering Evaluation Committee met on May 10, 11 and 12, 1972, 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 that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 are hereby recommended for registration:

CIVIL ENGINEERING

Bechtol, Gilbert Evans	72-45
Beckley, John Newton	72-91
* Boling, Oscar Clay	72-79
Brill, Lawrence F.	71-465
Burns, Bland Calvin	71-501
Burton, Richard O.	72-88
Call, John Robinson	72-105
Campbell, Clarence Howard	72-164
Church, William Gardner	72-87
Culver, William Robert	72-109
Dinges, Kenneth Norman	72-83
Doberne, Morris	72-75
Hallin, Norman Gustav	72-126
Larson, Harold Albert	72-33
Lloyd, William D.	72-108
MacKenzie, Donald Bert	72-47
Monthey, Marcia Jane	72-154
Osborne, Kenneth George	72-89
Perkins, Ray Orville, Jr.	72-152
Pierce, Jack William	72-99
Powell, Dana Reece	72-97
Pride, Robert M.	72-8
Quigley, Raymond L.	72-36
Rutherford, Harry Wellington	71-505
Ryan, Michael Leroy	72-208
Safarian, Sargis Sako	72-147
Slagel, Philip Wayne	72-52
Terry, Robert Scott	72-72
Tingey, Willis Alma	71-450
Wakefield, William A.	72-42

CIVIL ENGINEERING - Cont'd.

Walinsky, Pierce Joseph	72-43
Wallace, George Crawford	72-144
Williamson, James Valentine	72-111

ELECTRICAL ENGINEERING

Chrono, Robert Eugene	72-159
Garris, Michael J.	72-198
Linhardt, Anthony Lakatos	72-149
McCann, Charles Henry, Jr.	72-114
McInelly, Richard Melvin	71-435
Malahy, John Sommers, Jr.	72-162
Vickery, Gordon Eugen	72-125

HIGHWAY ENGINEERING

Kelley, Ross Edwin	72-118
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INDUSTRIAL ENGINEERING

Taylor, Richard Elton	72-48
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MECHANICAL ENGINEERING

Baker, Gerard Morgan	72-116
Crosby, Thomas Conway	72-49
Hoffman, Thomas Edgar	72-150
Jenkins, Larry Lee	72-94
Ludovise, Orlando Charles	72-9
Malahy, John Sommers, Jr.	72-163
Mumford, Gerald Warner	72-148
Osborne, Jerry Earl	72-31
Topik, John Hans	72-73

*Mr. Boling an employee of Mr. Girand, was interviewed by Mr. Wallace.

Continued.....

I. Continued

MINING ENGINEERING

Kirby, Joseph Louis 72-158

STRUCTURAL ENGINEERING

Abel, Milton Aaron 72-127
 Bower, Warren H. 72-82
 Burkevics, Visvaldis Karlis 72-180
 Cabak, Michael Richard 72-161
 Connors, Russell Thomas 72-96
 Corbett, John Joseph 72-100
 McDaniel, Albert H. 72-153

GEOLOGY

Sewell, Charles Robertson 71-479

LAND SURVEYING

Patience, George E. 72-112
 Tingey, Willis Alma 71-451

- 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, 1972, written examinations:CHEMICAL ENGINEERING

Milligan, David Allen 72-143 Parts 3 and 4

CIVIL ENGINEERING

Adair, Edward Allain 72-51 Parts 3 and 4
 Arnegard, Cameron Bernhard 72-85 Parts 3 and 4
 Burritt, Benjamin Earle 72-81 Parts 3 and 4
 Crafts, Robert Glen, Sr. 72-74 Parts 3 and 4
 Dadisman, Lawrence Dale 72-95 Parts 3 and 4
 Osborn, Paul Gordon 72-119 Parts 3 and 4
 Perry, Richard John 72-34 Parts 3 and 4
 Sanders, Lyle David, Jr. 72-41 Parts 3 and 4
 Yu, Man Chiu 72-44 Parts 3 and 4

ELECTRICAL ENGINEERING

Cochran, John William 72-84 Parts 3 and 4
 Cowgill, Robert Miles 72-107 Parts 3 and 4
 Henry, Frank Edward 72-98 Parts 3 and 4
 Rowe, Lloyd J. 72-30 Parts 3 and 4
 Thompson, James Elbert 71-486 Parts 3 and 4
 Wilcox, Theodore Wallace 72-35 Parts 3 and 4

HIGHWAY ENGINEERING

Beckham, Oscar Morris 72-151 Parts 1, 2, 3 and 4

MECHANICAL ENGINEERING

Bowers, Grady Washington, Jr. 72-115 Parts 3 and 4
 Gallagher, Roger William 72-106 Parts 3 and 4
 Goudy, Harlan Clifford 72-117 Parts 3 and 4
 Mulligan, Donald Richard 72-155 Parts 3 and 4
 Stofft, Robert Eugene 72-78 Parts 3 and 4

Continued.....

II. Continued

SANITARY ENGINEERING

Ries, Kenneth Milton 72-142 Parts 3 and 4

STRUCTURAL ENGINEERING

Jacobsen, Robert Fred 72-16 Parts 5 and 6
Ricklefs, Marvin F. 72-90 Part 6

LAND SURVEYING

Kesler, Jack Martin 72-92 Parts 3 and 4

III. It is recommended that the following applicants be denied registration under A.R.S. 32-123.C for lack of experience of a character satisfactory to the Board to be deemed qualified under A.R.S. 32-122 or 32-123, and be refunded the amount shown of their application fee:

Owen, Robert William 72-157 Assayer \$10.00
Huss, Conrad Eugene 72-53 Structural Engineer \$10.00

IV. The committee on June 13, 1972, reviewed the engineering examinations given in April, 1972, 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,

Charles W. Newlin, Chairman

[Faint, illegible text from the reverse side of the page, likely bleed-through from a table of contents or list of names.]

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING						
* 71-499	Arthur, Norman Lee	Ex	Ex	83	70	3,4
* 70-473	Bailey, Edwin Densley	Ex	Ex	75	P	3
* 70-400	Baldwin, John Frank	Ex	Ex	100	95	3,4
71-22	Barrios, Frank Martin	Ex	Ex	F	80	4
70-58	Bertella, Guido Joseph	F	F	F	P	
71-409	Caudill, Herbert, Jr.	Ex	Ex	F	85	4
71-287	Coe, John Ellis	P	P	F	75	4
69-368	Covington, Edward B.	F	F	F	P	
70-311	Dalrymple, Guerry M.	F	F	DNA	F	
71-188	Damgaard, Kenneth K.	P	P	F	F	
* 72-12	Davis, Donald Ray	P	P	78	80	3,4
* 71-299	Davis, Wilford Ervin	P	P	73	85	3,4
63-489	Delaney, John Leo	Ex	Ex	F	P	
71-53	Dunlap, Barry Allen	F	P	F	80	4
70-488	Easter, Jene Albert	F	F	F	70	4
70-406	Eychner, Richard M.	F	F	F	P	
71-305	Fisk, William Howard	Ex	Ex	F	P	
68-266	Frazier, Wilfred D.	Ex	Ex	F	P	
71-282	Frisby, Jose R.	Ex	Ex	F	85	4
* 71-25	Gerke, David Allen	Ex	Ex	P	85	4
71-230	Gernandt, Richard W.	F	F	F	F	
71-293	Glenn, Edward S.	P	F	72	P	3
* 71-322	Harris, John T.	Ex	Ex	70	P	3
71-384	Hart, Laurent C.	Ex	Ex	70	F	3
* 71-466	Hu, William Che-ming	Ex	Ex	70	90	3,4
* 72-14	Johnson, James Verne	Ex	Ex	93	80	3,4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
71-190	Kaminski, Daniel L.	Ex	Ex	P	F	
69-270	Kirdar, Edib	Ex	Ex	F	75	4
71-489	Manera, Paul A.	Ex	Ex	F	F	
69-410	Mathein, Fredrick J.	F	F	F	P	
71-472	Matthews, Lawrence E., Jr.	P	P	F	F	
67-322	Newton, Thomas Monroe	P	P	F	P	
* 70-304	Nowak, Leonard W.	Ex	Ex	70	P	3
* 72-13	Ong, Benjamin Wah	P	P	70	75	3,4
* 71-8	Patch, Chester J., III	Ex	Ex	81	P	3
71-482	Peirce, Chadwin H.	Ex	Ex	F	F	
70-260	Phelps, Donald Gene	P	F	F	F	
71-344	Pilcher, Delbert L.	Ex	Ex	F	F	
* 71-485	Porco, John William	Ex	Ex	70	70	3,4
72-10	Priniski, George S., Sr.	P	P	88	F	3
66-127	Raymo, William James	P	P	F	P	
71-249	Richards, Glendon L., Jr.	P	P	F	P	
70-295	Rodriguez, John E.	P	P	F	P	
69-217	Roose, James F.	Ex	Ex	F	P	
70-363	Rupe, Robert W.	P	P	F	P	
* 71-11	Shirley, George E.	P	P	81	P	3
70-328	Smith, Delbert Dale	Ex	Ex	F	F	
71-46	Tankersley, Earl L.	Ex	Ex	F	F	
71-516	Tanner, Stephen L.	P	P	70	F	3
70-332	Thompson, Robert G.	Ex	Ex	F	F	
68-345	Webb, Paul T., Jr.	Ex	Ex	F	F	
71-473	Williams, Robert Roy	Ex	Ex	F	F	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>CIVIL ENGINEERING - Cont'd.</u>						
*70-420	Wise, James Russell	Ex	Ex	70	P	3
70-369	Wisser, Gerhard Karl	P	P	P	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
71-513	Yoder, Dan Samuel	Ex	Ex	F	F	
69-166	Ziegler, Lawrence Lee	P	P	F	P	
<u>ELECTRICAL ENGINEERING</u>						
71-458	Andrews, Michael	Ex	Ex	91	F	3
*70-511	Baur, Mason Herbert	Ex	Ex	Ex	75	4
*71-33	Brown, Wayne Russell	Ex	Ex	P	85	4
70-482	Cracker, William F., Jr.	Ex	Ex	F	P	
70-479	Cunning, Raymond D.	Ex	Ex	F	P	
68-140	Dubin, Thomas	Ex	Ex	F	P	
70-254	Evans, John M.	Ex	Ex	F	P	
71-487	Fierros, Ramon	Ex	Ex	F	F	
71-128	Frautnick, Arnold C.	Ex	Ex	71	F	3
70-85	Grommes, William K.	P	P	F	90	4
*71-50	Kienast, Peter Fred	Ex	Ex	81	P	3
71-324	Kirsch, James David	Ex	Ex	F	85	4
*71-114	Martin, Leonard S.	Ex	Ex	72	95	3,4
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
*69-206	Paul, Dennis Lee	Ex	Ex	P	85	4
71-51	Peer, Daniel David	Ex	Ex	F	P	
70-170	Sims, Lee Leon	P	P	F	P	
*71-21	Steinbrenner, Gerhard	Ex	Ex	71	P	3
*71-448	Sullivan, Neil Joseph	Ex	Ex	98	100	3,4
72-11	Vogt, Philip Lee	Ex	Ex	F	85	4
71-328	Wells, Walter Edwin	Ex	Ex	F	75	4

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>GEOLOGICAL ENGINEERING</u>						
* 71-173	Mathewson, Christopher C.	Ex	Ex	74	80	3,4
70-226	Youell, James Robert	P	F	F	P	

HIGHWAY ENGINEERING

71-273	Burgin, Edward William	P	70	F	F	2
68-21	Cantrell, Harvey G.	F	F	F	P	
66-239	Collon, William P.	Ex	Ex	F	P	
66-295	Evans, James M.	Ex	Ex	F	P	
67-129	Howard, Robert L.	Ex	Ex	F	P	
66-144	Minter, Charles B.	Ex	Ex	F	P	
70-60	Ohnleiter, Robert F.	P	F	F	F	
70-413	Patty, John Harlan	F	F	F	P	
71-285	Saban, Johnny	F	F	F	F	
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	85	4

MECHANICAL ENGINEERING

70-348	Bassett, Robert Lee	F	F	F	P	
71-401	Chacon, Leroy C.	Ex	Ex	F	80	4
71-438	Dennis, Richard H.	70	70	F	F	1,2
71-515	Dudley, Walter F.	P	P	70	F	3
* 71-304	Every, John David	Ex	Ex	70	90	3,4
71-279	Haak, Charles E.	F	P	F	70	4
71-339	Maggs, Charles A.	P	P	P	F	
70-432	Miller, Marion E.	F	F	F	P	
70-184	Miller, Robert C.	P	P	F	P	

NO.	NAME	Part I	Part II	Part III	Part IV	Part V	Part VI	Passed
<u>MECHANICAL ENGINEERING - Cont'd.</u>								
71-223	Pristo, Ray E.	P	F	F	70			4
71-3	Utley, Wallace Ralph	Ex	Ex	P	F			
<u>METALLURGICAL ENGINEERING</u>								
71-257	Lagergren, Charles F.	Ex	Ex	P	F			
<u>STRUCTURAL ENGINEERING</u>								
* 71-109	Eudaley, Aaron M.	Ex	Ex	Ex	Ex	92	77	5,6
* 71-386	Revai, Paul	Ex	Ex	Ex	Ex	88	95	5,6
* 70-107	Tucker, Wayne	P	P	P	P	P	82	6
<u>LAND SURVEYING</u>								
70-129	Bridges, James P.	P	F	P	P			
70-68	Caraway, Cross M., Sr.	F	F	P	P			
71-405	Coggin, Horace Mason	F	F	F	F			
72-22	Costa, Joseph Eli	F	F	F	70			4
71-148	Garcia, Ernest G.	F	F	F	P			
71-202	Garst, Delbert Dale	F	F	F	P			
71-206	Huckelberry, Charles H.	P	F	P	P			
70-467	Jensen, Lynn Howard	74	F	P	P			1
69-123	Jones, James David	P	F	P	P			
70-383	Knighten, Howard H., Jr.	P	F	F	P			
70-313	Kuder, Sam Lee	F	F	P	P			
70-302	Maas, N. Bradley	F	F	F	P			
71-407	Morey, Donald Arthur	70	F	F	77			1,4
71-207	Nau, William Edward	F	72	F	P			2

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>LAND SURVEYING - Cont'd.</u>						
70-124	Ott, Wallace Robert	F	DNA	P	P	
70-448	Rodriguez, Fred	70	F	73	P	1,3
69-177	Shields, Phillip K.	P	F	P	P	
* 70-298	Shoun, Howard W.	P	75	P	P	2
71-510	Shreeve, Franklin K.	F	70	74	77	2,3,4
70-285	Smith, Howard Hughes	F	F	P	P	
70-238	Stinard, Donald I.	P	F	P	P	
69-77	Torres, Alfonso	P	F	P	F	
71-30	Williams, Jerry Carl	F	F	F	P	
71-313	Woolery, Robert Crow	Ex	Ex	F	P	

ENGINEER-IN-TRAINING

	Grade
71-62 Acker, Keith W.	70
72-20 Alar, Karl Joseph	70
72-38 Allen, Gregory Leslie	75
71-52 Anderson, Robert L.	70
72-68 Andrews, Richard L.	70
72-61 Arbaugh, Mary Louise	81
72-15 Atkinson, Charles H.	72
72-73 Benjamin, William G.	70
71-41 Beydler, Terry Eugene	70
68-1 Bitterli, Robert John	F
72-45 Borgatti, Richard John	77
72-26 Bradham, Charles Frank	80
72-37 Carlson, Timothy James	80
72-55 Cochran, Thomas Gerald	79
72-11 Conley, Vesta Bateman	71

NO.	NAME	Grade
	ENGINEER-IN-TRAINING - Cont'd.	
71-42	Cox, John Timothy	F
72-67	Dahlke, Robert William	87
72-4	Dambro, Mark Richard	82
72-53	Daniels, Mark K.	74
72-58	Dearborn, Michael W.	78
72-24	DiVito, Joseph Anthony	75
72-8	Donaldson, George	F
72-36	Elias, Ramon, Jr.	70
72-3	Evans, George Leon, Jr.	74
72-42	Fischer, Christine Lynn	70
72-72	Fisher, J. Warren	70
72-13	Flashberg, Larry	80
72-39	Forte, Alexander Vincent	72
72-2	Fox, Delmar E.	70
72-63	Frino, Neal G.	F
72-27	Griffith, Robert William	81
72-28	Guenzi, Kenneth Ray	75
72-51	Hagerman, Richard E.	90
72-19	Hall, Jack Wilson	71
72-33	Hansen, Larry Bruce	82
72-66	Harmon, Barney L.	F
72-23	Hassett, Thomas F.	F
72-54	Henry, William M.	70
72-47	Jones, Donald Dee	88
72-48	Jones, Mary Katherine	71
72-9	Kalash, Nabeeh M.	80
72-7	King, Fredrick L.	F

NO.	NAME	Grade
<u>ENGINEER-IN-TRAINING - Cont'd.</u>		
72-46	Kruse, Robert Keith	70
72-50	Lamson, Edward William	74
72-32	Li, Kamwah K.	83
72-52	London, John M.	70
71-38	Louis, John L.	70
72-14	Lowery, Timothy P.	70
71-32	McCarthy, William F.	71
66-44	McCassalin, Wade L.	F
72-41	Maier, Michael M.	F
72-75	Mancini, William B.	79
72-40	Mancuso, Paul D.	73
72-22	Mayes, George William	82
72-1	Mohammed, Robert A.	83
72-25	Morris, Richard John	87
72-17	Nassef, Namon Anthony	70
72-34	Neff, Barbara Estella	F
72-77	Nelson, Eric V.	93
71-107	Oeltman, John Domenic	70
72-76	Oguntala, Adekunle A.	79
71-35	Olson, Leslie Frank, Jr.	77
72-69	Ong, Howard	93
72-31	Paavola, Michael Eugene	98
72-64	Pajaczkowski, Milada	F
72-30	Pawlak, Steven Lawrence	80
72-49	Robertson, William A.	91
72-12	Rothery, Douglas E.	F
72-70	Ruggiero, Ralph	73

NO.	NAME	Grade
<u>ENGINEER-IN-TRAINING - Cont'd.</u>		
72-56	Russell, James E., Jr.	76
72-10	Sarkiss, Jamal G.	77
72-71	Snyder, Alan R.	94
72-29	Soo Hoo, Wesley	100
72-57	Spease, Steven J.	70
72-59	Standage, Howard R.	81
72-5	Talbott, Ronald Leslie	86
72-21	Thomas, Martin Grenfel	70
72-35	Van Veghel, Stephen J.	71
72-16	Wason, Robert George	70
72-65	Watts, Frank James, Jr.	F
71-43	Wozniak, Thomas Carl	70
72-43	Wright, C. Douglas	77
72-44	Yeager, Larry R.	F
72-18	Yee, David Moon	74
71-123	Yosmali, Ara A.	70

Mr. Lloyd J. Rowe, Electrical Engineer applicant, appeared before the Board for reconsideration of the Committee's recommendation that he be held for the written examination. After presentation by Mr. Rowe regarding his experience and FSA certificate, the Chairman of the Engineering Committee, thanked him for appearing and advised him the Board would let him know of their decision. It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that the Board reaffirm the Committee's recommendation holding him for Parts 3 and 4 of the written examination. Motion carried.

7371	Lawler, Louis Edmund	881
8372	McCarthy, Willie Richard	882
8373	Wright, Carl A.	883
8374	Wright, Louis Edmund	884
8375	Wright, Willie Richard	885
8376	Wright, Carl A.	886
8377	Wright, Louis Edmund	887
8378	Wright, Willie Richard	888
8379	Wright, Carl A.	889
8380	Wright, Louis Edmund	890
8381	Wright, Willie Richard	891
8382	Wright, Carl A.	892
8383	Wright, Louis Edmund	893
8384	Wright, Willie Richard	894
8385	Wright, Carl A.	895
8386	Wright, Louis Edmund	896
8387	Wright, Willie Richard	897
8388	Wright, Carl A.	898
8389	Wright, Louis Edmund	899
8390	Wright, Willie Richard	900

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 examination as required by the Board within a reasonable length of time. Motion carried.

Alexander, James A.	71-61	Engineer-in-Training
Beilmann, James Joseph, Jr.	68-256	Land Surveyor
Campbell, Regis Ignatius	71-102	Structural Engineer
D'Agostino, Edward John	71-14	Engineer-in-Training
Fink, James Brewster	70-13	Engineer-in-Training
Hall, Harold Eugene	71-36	Engineer-in-Training
Hood, Douglas E.	69-21	Engineer-in-Training
Howard, Charles Colin	71-4	Electrical Engineer
Kaiser, Richard Lawrence	71-57	Engineer-in-Training
Karr, George Bradley	71-211	Electrical Engineer
Lisac, James Matthew	71-39	Engineer-in-Training
Lucas, George Thomas, II	71-192	Land Surveyor
McLean, W. Douglas	71-186	Structural Engineer
Mahnke, Stephen A.	70-90	Engineer-in-Training
Nishioka, Teruo	71-48	Engineer-in-Training
Norris, Gerald Junior	70-434	Land Surveyor
Powell, Joseph Edwin	71-295	Civil Engineer
Rawlings, Wayne E.	69-69	Engineer-in-Training
Scafuri, Ralph L.	70-429	Civil Engineer
Veikos, John Nicholas	71-124	Structural Engineer
Wildensten, Charles Kemplin	71-132	Industrial Engineer
Wood, William Schuyler	70-422	Structural 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

Alexander, Fred Sharpe, III	8369
Anderson, Duane David	8370
Belle, Paul	8371
Borders, Robert Stanley	8372
Bronger, John Turpie	8373
Chafee, Judith Davidson	8374
Clark, Kenneth N.	8375
Combs, John Craig	8376
Creamer, Peter Tyrrell	8377
Crites, Raymond Lyle	8378
Cullen, William S.	8379
Dority, Alexander Davidson	8380
Dorius, Kermit P.	8381
Downs, Thomas Cooper	8382
Foote, J. Mike	8383
Froning, Donald John	8384
Gregory, Donald	8385
Guthrie, John P.	8386
Higgins, George Calvin	8387
Hill, Errol Forrest	8388
Holguin, George Edward	8389

ARCHITECTURE - Continued

Jackson, Gordon Hall	8390
Knight, Kenneth K.	8391
Lauver, Leon Kenneth	8392
McClarty, Willis Richard	8393
Martin, Cecil A.	8394
Porter, Gailyn L.	8395
Rigsby, John Henry	8396
Sagistano, Leo A.	8397
Salamone, Placido	8398
Salerno, Daniel N.	8399
Sands, Edgar Louis	8400
Shwabe, Igor	8401
Skaggs, Irl Robert	8402
Spangler, Frank Leslie, III	8403
Swan, David Allan	8404
Thorne, James Markham	8405
Wayman, Leonard	8406
Winfield, Geri	8407
Wolfe, Harold D., Jr.	8408
Young, Ronald Newton	8409

CIVIL ENGINEERING

Arthur, Norman Lee	8410
Bailey, Edwin Densley	8411
Baldwin, John Frank	8412
Bechtol, Gilbert Evans	8413
Beckley, John Newton	8414
Boling, Oscar Clay	8415
Brill, Lawrence F.	8416
Burns, Bland Calvin	8417
Burton, Richard O.	8418
Call, John Robinson	8419
Campbell, Clarence Howard	8420
Church, William Gardner	8421
Culver, William Robert	8422
Davis, Donald Ray	8423
Davis, Wilford Ervin	8424
Dinges, Kenneth Norman	8425
Doberne, Morris	8426
Gerke, David Allen	8427
Hallin, Norman Gustav	8428
Harris, John Thornton	8429
Hu, William Che-ming	8430
Johnson, James Verne	8431
Larson, Harold Albert	8432
Lloyd, William D.	8433
MacKenzie, Donald Bert	8434
Monthey, Marcia Jane	8435
Nowak, Leonard William	8436
Ong, Benjamin Wah	8437
Osborne, Kenneth George	8438
Patch, Chester Joseph, III	8439
Perkins, Ray Orville, Jr.	8440
Pierce, Jack William	8441
Porco, John William	8442
Powell, Dana Reece	8443
Pride, Robert M.	8444
Quigley, Raymond L.	8445
Rutherford, Harry Wellington	8446
Ryan, Michael Leroy	8447
Safarian, Sargis Sako	8448
Shirley, George Edward	8449
Slagel, Philip Wayne	8450
Terry, Robert Scott	8451
Tingey, Willis Alma	8452
Wakefield, William A.	8453
Walinsky, Pierce Joseph	8454
Wallace, George Crawford	8455
Williamson, James Valentine	8456
Wise, James Russell	8457

ELECTRICAL ENGINEERING

Baur, Mason Herbert	8458
Brown, Wayne Russell	8459
Chrono, Robert Eugene	8460
Garris, Michael J.	8461
Kienast, Peter Fred	8462
Linhardt, Anthony Lakatos	8463

ELECTRICAL ENGINEERING - Continued

McCann, Charles Henry, Jr.	8464
McInelly, Richard Melvin	8465
Malahy, John Sommers, Jr.	8466
Martin, Leonard Sebastian	8467
Paul, Dennis Lee	8468
Steinbrenner, Gerhard	8469
Sullivan, Neil Joseph	8470
Vickery, Gordon Eugene	8471

GEOLOGICAL ENGINEERING

Mathewson, Christopher Colville	8472
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HIGHWAY ENGINEERING

Kelley, Ross Edwin	8473
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INDUSTRIAL ENGINEERING

Taylor, Richard Elton	8474
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MECHANICAL ENGINEERING

Baker, Gerard Morgan	8475
Crosby, Thomas Conway	8476
Every, John David	8477
Hoffman, Thomas Edgar	8478
Jenkins, Larry Lee	8479
Ludovise, Orland Charles	8480
Malahy, John Sommers, Jr.	8481
Mumford, Gerald Warner	8482
Osborne, Jerry Earl	8483
Topik, John Hans	8484

MINING ENGINEERING

Kirby, Joseph Louis	8485
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STRUCTURAL ENGINEERING

Abel, Milton Aaron	8486
Bower, Warren H.	8487
Burkevics, Visvaldis Karlis	8488
Cabak, Michael Riche	8489
Connors, Russell Thomas (re-reg)	2985
Corbett, John Joseph	8490
Eudaley, Aaron Marcus	8491
McDaniel, Albert H.	8492
Revai, Paul	8493
Tucker, Wayne	8494

GEOLOGY

Sewell, Charles Robertson	8495
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LANDSCAPE ARCHITECTURE

Buktenica, Jack W.	8496
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LAND SURVEYING

Patience, George E.	8497
Rock, Don C.	8500
Shoun, Howard Wilmer	8498
Tingey, Willis Alma	8499

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

<u>ENGINEER-IN-TRAINING</u>		<u>ENGINEER-IN-TRAINING - Continued</u>	
Acorn, William Raymond	1073	Louis, John L.	1089
Anderson, Robert L.	1074	McAnnis, Michael J.	1090
Atkinson, Charles H.	1075	Malcolm, David Meiklejohn	1091
Benjamin, William G.	1076	Mancini, William B.	1092
Conley, Vesta Bateman	1077	Mayes, George William	1093
Couglin, William I.	1078	Nassef, Namon Anthony	1094
Evans, George Leon, Jr.	1079	Nelson, Eric V.	1095
Fischer, Christine Lynn	1080	Oguntala, Adekunle A.	1096
Fisher, J. Warren	1081	Paavola, Michael Eugene	1097
Flashberg, Larry	1082	Sarkiss, Jamal G.	1098
Fox, Delmar E.	1083	Talbott, Ronald Leslie	1099
Gommel, John Roger	1084	Truitt, Darrell Dee	1100
Haushalter, John Karl	1085	Vicars, Charles L.	1101
Johnson, Craig Wix	1086	Ward, Bruce Gordon, Jr.	1102
Kalash, Nabeeh M.	1087	Yosmali, Ara A.	1103
Li, Kamwah K.	1088		

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Wyatt reported on his attendance at the Western Conference of the National Council of Architectural Registration Boards' meeting in Colorado Springs, Colorado, on March 30-April 1, 1972. One item discussed at this meeting was the interprofessional practice by architects and engineers, and there has been a resolution in Florida which covers most states allowing professions within the practice if he is competent in that particular field. Arizona seems to be in the minority rather than the majority by establishing human occupancy as a guideline for interprofessional practice.

At this meeting, the Western Conference adopted new seismic requirements by deleting the seismic problem and enlarging the treatise requirements.

Mr. Wyatt pointed out the new examination procedure for Architects would be discussed at the National meeting in Seattle, Washington, and in order for Arizona applicants to take this examination as it is presently presented to be adopted by the National Council of Architectural Registration Boards, there will be some changes required in our Rules and By-Laws, and requested the Board to authorize the Architectural Evaluation Committee to review these

Continued.....

REPORT OF THE PUBLIC INFORMATION COMMITTEE - Continued

new examinations and work with Rules and By-Laws Committee to consider this new examination procedure changing the present rule. The Chairman authorized the Committee to proceed.

Mr. Wyatt reported on new legislative action in California requiring the professionally registered be reviewed and their experience requirements updated at the time of their renewal.

The Chairman accepted the report by Mr. Wyatt and directed the Architectural Evaluation Committee to determine the seismic requirements of Arizona applicants.

The Western Zone Meeting of the National Council of Engineering Examiners at Jackson, Wyoming, on May 21-23, 1972, was attended by Chairman Dryden, Mr. Knickerbocker and the Executive Director, Mr. Drewry, and the text of this meeting was presented as follows:

At the after dinner meeting on May 21, the Land Surveyor's Committee met and was chaired by Oregon Board Member, John B. Gearhart. It seems that Oregon has set up new requirements for registration which almost equal professional engineer registration. Mr. Dryden questioned Mr. Gearhart regarding Arizona applicants and found that they will have to take at least a four hour examination in their general laws, not their code governing registration. Mr. Gearhart admitted these were not codified and readily available for study. Seems as though this attitude and requirement is being fostered by the academic community.

There were 47 representatives from the Western Zone and Canadian guests were well represented.

President Bavone reported that 50 states are using the E.I.T. examination and 46 are using the professional examination. In December, 1971, 6200 E.I.T. exams were written and 2100 professional exams. In April, 1972, 17000 EIT exams were requested, and 6000 professional. The President also mentioned that the Engineer Council for Professional Development visitations to schools may include a local Board member, and that certification of engineers is not recommended to be substitute for registration.

Executive Director Walter Edelblut stated that a book containing all uniform exams from 1965 through 1971 will be available in September, and that a report on National Certification will be presented to the Annual Meeting in August. He presented slides giving statistics of uniform examinations.

Roland Allwork and Leslie Gates of NCARB and NCEE, representing the Committee on Interprofessional Relations, have visited all regions to explain their approach to resolution of problems concerning architects and engineers. The committee holds that no legal definition of the two proficiencies can be acceptable to all, and suggests competency as a better measure. It was suggested that rules of professional conduct be adopted by the Boards, but only those rules strictly in the public interest and not those in the interest of the professionals. E.g. "No individual shall practice or offer to practice unless he is competent by education and experience in that field or has engaged someone who is." It was reported that Daniel Boone, NCARB President, has stated that the identity of the prime will be decided in the marketplace.

Continued....

REPORT OF THE PUBLIC INFORMATION COMMITTEE - Continued

The Nomination Committee proposed Orland C. Mayer of Idaho and Orlie O. Phillips of Colorado as President Elect of NCEE and Vice President and Director of Western Zone, respectively.

Reports were given on continuing education in California, and on technology programs by Logan Muir and George Sutton.

Site Committee selected for 1973 to meet in a suitable location in Arizona at a date and place selected later. Mr. Knickerbocker was a member of the committee.

Dr. Newlin reported on his attendance as an official observer for National Council of Engineering Examiners at the Engineering Technology Committee ECPD meeting held June 15-17, 1972, in Lubbock, Texas. Accreditation action was taken on the curricula from approximately 20 different institutions, involving both 2-year and 4-year technology, that had previously been visited by accreditation teams. A recommendation that an NCEE representative be included on all accreditation visits was made and since this would place a burden on the time demands of the local boards, I suggested that if an individual board wished to participate in the accreditation of technology curricula in their state, they should contact the institutions to be evaluated, and have the institutions invite board members to be observers during the accreditation visits. The technology committee agreed to this procedure.

REPORT OF THE BUDGET COMMITTEE

The approximate amounts required for Fiscal Year 1973-1974 was presented. It was moved by Mr. Knickerbocker and seconded by Mr. Wyatt that Minute Page 3060, subject to the Fiscal Year 1971-72 becoming factual, be submitted by September first to the Commissioner of Finance, with the estimated monetary requirements for the next two fiscal years. Motion carried.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director presented the report shown on Minute Page 3061 and the Cash Flow Report #4, as shown on Minute Page 3062.

Estimates were reported to show that renewal fees of \$15 or \$10 would result in revenue of \$102,000 or \$77,000, respectively. With expenses approximately \$95,000, the \$15 renewal fee is in line with current requirements. However, our year end balance will leave approximately \$50,000 in the reserve fund. The Chairman referred this excessive reserve fund to the Rules and By-Laws and Legislative Committees for study and possible action.

UNFINISHED BUSINESS

As directed at a previous Board meeting, Mr. Girand investigated the question of a displayed sign by a designer and reported as follows: "There is a sign in the window of Canyon Realty Office, which is across the street from the Oak Creek Grocery Store, stating Don Bloodgood, P. O. Box 777, Sedona, Telephone 282-7354, designer not an architect."

BUDGET REQUEST - 1973-1974

03060

	Est. 1971-1972	Est. 1972-1973	Est. 1973-1974	Increase
<u>PERSONAL SERVICES</u>				
J. Smith		8,712	8,712	
J. Karasek		6,792	6,792	
K. Johnson		6,792	6,792	
E. Drewry		18,081	18,081	
Subtotal	38,453	40,377	40,377	
<u>EMPLOYEE RELATED EXP.</u>				
Workmens Compensation	56.04	60	60	
FICA	1,629.39	1,700	1,700	
Retirement	1,922.65	2,000	2,000	
Personnel Commission	129.00	150	150	
<u>PROFESSIONAL & OUTSIDE SERVICES</u>	10,950	16,650	16,650	
<u>TRAVEL-STATE</u>	2,400	4,400	4,400	
<u>TRAVEL-OUT OF STATE</u>	3,500	3,850	4,000	150
<u>OTHER OPERATING EXPENDITURES</u>				
Postage	3,370	4,000	4,000	
Telephone	1,410	2,000	2,000	
Annual Report	5,000	5,500	6,000	500
Dues & Subscriptions	1,452	1,800	1,800	
Xerox	789	1,000	1,000	
Rent	7,621	8,000	8,000	
Office Supplies	3,100	4,500	4,500	
Other	210	300	300	
<u>CAPITOL - OFFICE EQUIPMENT</u>	1,216	- 0 -	2,500	2,500
<u>REFUNDS</u>	166			
TOTAL	83,374	96,287	99,437	3,150

The Cash Flow Report with the month of June estimated, shows expenses of \$83,000 for 1971-1972 against an appropriation of \$93,225.

For 1972-1973, the legislature has appropriated \$96,496, which equals our request plus provision for employee group insurance.

For 1973-1974, a \$3,000 increase over 1972-1973 is requested to provide for anticipated higher costs, subject to justification after year-end.

Technical Registration Fund:

Carryover from 1970-1971	54,976
Receipts 1971-1972	<u>123,368</u>
	178,344
Less expenses	(83,379)
Estimated Year-end Balance	<u>94,965</u>

Applications Received

1970-71	510
1971-72	580
Increase	14%

Examinations Written

	<u>Engineer</u>	<u>Architect</u>	<u>Total</u>
1970-71	708	373	1081
1971-72	860	483	1343
Increase	21%	29%	24%

Registrations Granted

	<u>Professional</u>	<u>In-Training</u>	<u>Total</u>
1970-71	425	94	519
1971-72	476	134	610
Increase	12%	42%	17%

TOTAL \$70,374.25 \$12,840.76 \$83,215.01

AMOUNTS APPROPRIATED AS OF JUNE 30 \$70,374.25 \$12,840.76 \$83,215.01

CASH FLOW REPORT - #4

03062

DATE: May 31, 1972

Balance on Deposit as of July 1, 1971 - \$54,975.95
 Balance on Deposit as of Report Date - \$178,344.46
 Total Appropriated Receipts to Date: \$123,368.51
 Unencumbered Balance as of Report Date - \$105,779.70

LUMP SUM APPROPRIATED \$93,225.00

Code	Expenditures	Amount as of May 31	Estimated for June	TOTAL
7112.0	Salaries	\$35,194.96	\$ 3,258.00	\$38,452.96
7151.0	Industrial Insurance	42.23	13.81	56.04
7153.0	FICA	1,459.97	169.42	1,629.39
7155.0	State Retirement	1,759.75	162.90	1,922.65
7159.0	Personnel Commission	129.00	---	129.00
7163.0	Bond for Revolving Fund	10.00	---	10.00
7216.0	Data Processing	1,750.00	---	1,750.00
7219.0	Professional Services	4,537.34	4,662.66	9,200.00
7220.0	State Travel	1,443.40	956.60	2,400.00
7230.0	Out-of-State Travel	1,667.69	1,832.31	3,500.00
7251.0	Rent - Office	7,620.96	---	7,620.96
7272.0	Maintenance & Repairs	173.95	---	173.95
7280.0	Office Supplies	2,948.34	150.00	3,098.34
7331.0	Photographs & Annual Report	4,994.47	---	4,994.47
7334.0	Postage & Postage Meter	3,364.69	5.00	3,369.69
7335.0	Telephone & Telegram	1,190.03	221.76	1,411.79
7336.0	Express	36.46	---	36.46
7342.0	Xerox	596.92	192.30	789.22
7360.0	Dues & Subscriptions	1,451.60	---	1,451.60
7431.0	Office Equipment	---	1,216.00	1,216.00
7921.0	Refunds	<u>157.50</u>	<u>9.00</u>	<u>166.50</u>
	SUBTOTAL	\$70,529.26	\$12,840.76	\$83,379.02

BALANCE OF MONIES APPROPRIATED AS OF JUNE 30 \$9,845.98

NEW BUSINESS

Discussion was requested on the propriety of a teacher in a review course being permitted to participate in the preparation of examinations. It was the consensus of the Board that the questions to be used on an examination are selected by the Examination Committee from those prepared by a number of individuals, that it is appropriate for teachers of review courses to submit questions to be used at the discretion of the Board, and that the present procedure be continued.

Also, discussed was reference material allowed by the examinees, and the Board determined that the examinees may bring any reference material to the examinations.

The Board discussed the term "designer" and it was determined that the Board has no jurisdiction over designers and the term can be used as long as it is not coupled with the words architect or engineer.

Correspondence, dating from March 28 to May 3, from James L. Merry was discussed at length. Since the Board has established human occupancy as a guideline for whether it is to be architectural or engineering work, a determination of who is to be the prime contractor was the inquiry of Mr. Merry. Mr. Knickerbocker felt that if architectural practice and engineering practice could be defined perhaps there would be a solution for such future inquiries. Since the Board could not arrive at such a definition or decision, the Chairman appointed Mr. Vanlandingham, Mr. Wyatt, Mr. Girard and Mr. Wallace to work with the Assistant Attorney General in the preparation of an appropriate response to Mr. Merry's request. It was suggested that Mrs. Cantor rough draft a letter and call the meeting together convenient to the committee members. Mrs. Cantor stated that when she contacted the City Attorney regarding plans being stamped by engineers to advise him that the Board had established human occupancy as a guideline, the City Attorney wanted to know the definition of what is architecture and what is engineering as the permit division had been approving plans as long as they were in accordance with the public's health, safety and welfare. The Chairman concluded that when this committee had resolved a reply for Mr. Merry, it would also resolve this definition for the City Attorney.

A complaint from Donald M. Wiley regarding Mr. Burden, Land Surveyor, was presented to the Board. It was felt that this was an ethics problem and the Chairman directed the Executive Director to refer this letter to American Congress on Surveying and Mapping, Arizona Section, stating this letter has come to our attention and we feel it is a society matter, with a carbon copy to Mr. Wiley.

Mr. Ben Dibble had furnished for the Board's information a letter and business card of Tel Engineering Services. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that we recommend the filing of a complaint with the appropriate County Attorney or hold a hearing depending upon what is found from the investigation. Motion carried.

NEW BUSINESS - Continued

Photographs of a sign in Lake Havasu City displayed by R. B. Williams and Associates, Inc., Engineers and Architects, Gordon J. McCulloch, P.E., Assoc., was presented to the Board. It was moved by Mr. Vanlandingham and seconded by Mr. Girand that this is in compliance with our understanding of the law. Motion carried. The Chairman referred Rule IV, B(3), to the Rules and By-Laws Committee since the Assistant Attorney General stated it may be in conflict with A.R.S. 32-141.

A letter from the President of the Central Chapter of American Institute of Architects, Mr. Dwight Busby, regarding Don Woods of Sedona, Arizona, together with photographs and copies of the yellow pages of the telephone directory of that area, was presented. Mr. Vanlandingham had heard that Mr. Woods was going to stay within the \$50,000 limits but he had opened an office in Sedona and on his signs advertised as an architect. The only complaint is his advertising as an architect. It was moved by Mr. Vanlandingham and seconded by Mr. Wyatt that the Board file complaint with the appropriate county attorney to cause Mr. Woods to refrain from calling himself an architect. Motion carried.

A sworn complaint together with exhibits from Robert Levine against Cadmus Goss (Desert Surveyors) was presented. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that we hold a formal hearing in this matter at the next regular Board meeting. Motion carried.

A sworn complaint together with exhibits from M. J. Buck Brown against J. B. Holmquist was presented. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that we have a formal hearing in regard to this complaint at the next Board meeting or as appropriate. Motion carried.

Authorization was unanimously approved for anyone who wished to attend the Annual Meeting of the National Council of Architectural Registration Boards in Seattle, Washington, on June 27-July 1, 1972, and the Annual Meeting of the National Council of Engineering Examiners in Seattle, Washington, on August 21-25, 1972. Mr. Dryden and Mr. Knickerbocker will be the accredited delegates to the N.C.E.E. meeting.

It was moved by Mr. Girand and seconded by Dr. Newlin that we renew the lease for Suite 923, in the United Bank Building, for fiscal year 1972-1973. Motion carried.

It was moved by Mr. Wyatt and seconded by Mr. Vanlandingham that the following dates be approved for Committee and Board meetings. Motion carried.

August 4, 1972 - Architectural Examination Committee meeting
in Phoenix to review June examination grades

August 9, 10, - Engineering Evaluation Committee meeting in
& 11, 1972 Phoenix

NEW BUSINESS - Continued

August 14 & - Architectural and Landscape Architectural
15, 1972 Evaluation Committee meeting in Phoenix

September 15- Regular meeting of the Board in Phoenix
1972

In accordance with 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. Vanlandingham and seconded by Mr. Girand that Mr. Ralph Wyatt be elected Chairman. Motion carried.

It was moved by Mr. Vanlandingham and seconded by Mr. Girand that Robert Wallace be elected Vice-Chairman. Motion carried.

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that Robert Bowsby be elected Secretary. Motion carried.

Mr. Wyatt on behalf of the other Board members expressed to Mr. Dryden their thanks for his efforts this past year and especially for coming to Phoenix for the June meeting when it was difficult for the other members to travel to Flagstaff.

Mr. Dryden thanked all of the members for their cooperation and did enjoy his tenure as Chairman this past year.

Mr. Wyatt made his committee appointments for the ensuing year as shown on Minute Page 3066.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION
COMMITTEE APPOINTMENTS
1972-1973

Executive Committee:	Entire Board
Rules & By-Laws Committee:	John Girand, Chairman James L. Knickerbocker R. G. Wallace
Legislative Committee:	C. W. Dryden, Chairman M. L. Vanlandingham R. G. Wallace
Public Information Committee:	Entire Board
Budget Committee:	James L. Knickerbocker, Chairman C. W. Dryden John Girand
Evaluation and Examination Committees:	
Architects:	M. L. Vanlandingham, Chairman Lew Place Ralph L. Wyatt C. W. Newlin
Engineers:	Charles W. Newlin, Chairman C. W. Dryden John Girand James L. Knickerbocker R. G. Wallace
Landscape Architects:	Robert M. Bowsby, Chairman C. W. Newlin Lew Place M. L. Vanlandingham R. G. Wallace

ADJOURNMENT

The meeting adjourned by unanimous vote at 4:45 P.M.

W. D. Dreyer
CHAIRMAN

ROBERT N. KOSLOSKY
SECRETARY

Robert N. Koslosky
SECRETARY

REGULAR MEETING

That the Board announced that it was the time and place for the Annual Meeting of the Board of Complaint No. 72001, James Bruce Holquist, a registered Civil Engineer, No. 3317.

Complainant James Bruce Holquist, indicated he was present, represented by counsel James G. Goss, and was ready to proceed.

Complainant's counsel, indicated he was present together with his counsel Robert Hall, and was ready to proceed.

As called of the Board, Asst. Attorney General Ericley H. Gentry, presided at the proceedings of the Annual Meeting.

After conclusion of the hearing, the Board found the following:

It was proved by Mr. Gentry and supported by Mr. Vandenberg that in the course of the suspension or revocation of the license of James Bruce Holquist, a registered Civil Engineer, Complaint No. 72001, the Board of Complaint will that his license be suspended for a period of 120 days beginning on the date notification is received by the complainant. Matter carried immediately.

The Board's findings of facts, Conclusions of Law and Order of Suspension, signed by the secretary of the Board, Robert N. Koslosky, are a part of Complaint No. 72001 registration file No. 3317.

That the Board announced that it was the time and place for the Annual Meeting in the matter of Complaint No. 72003, James L. G. Goss, registered Civil Engineer, No. 3316.

Complainant James L. G. Goss, indicated he was present, represented by counsel R. J. Roberts, and was ready to proceed.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

AUGUST 18, 1972

The special meeting of the State Board of Technical Registration was called to order by Mr. Ralph L. Wyatt, Chairman, in the Auditorium, Room 315, United Bank Building, 3500 North Central Avenue, Phoenix, Arizona, at 9:30 A.M., August 18, 1972.

PRESENT

Ralph L. Wyatt, Chairman
 Robert G. Wallace, Vice-Chairman
 C. W. Dryden
 John Girand
 James L. Knickerbocker
 C. W. Newlin
 M. L. Vanlandingham
 Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

Robert M. Bowlsby, Secretary
 Lew Place

FORMAL HEARINGS

Chairman Wyatt announced that it was the time and place for the formal hearing in the matter of Complaint No. 72001, James Bruce Holmquist, a registered Civil Engineer, No. 2007.

Respondent James Bruce Holmquist, indicated he was present, represented by counsel Loren Counce, and was ready to proceed.

Complainant Buck Brown, indicated he was present together with his counsel Douglas Wall, and was ready to proceed.

On behalf of the Board, Asst. Attorney General Stirley N. Cantor, assisted in the proceedings of the formal hearing.

At the conclusion of the hearing, the Board found the following:

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that in the matter of the suspension or revocation of the license of James Bruce Holmquist, a registered Civil Engineer, Complaint No. 72001, be found guilty of misconduct and that his license be suspended for a period of ninety (90) days beginning on the date notification is received by the respondent. Motion carried unanimously.

The Board's Finding of Facts, Conclusions of Law and Order of Suspension, signed by the secretary of the Board, Robert M. Bowlsby, are a part of James Bruce Holmquist's registration file No. 2007.

At 1:30 P.M., Chairman Wyatt announced that it was the time and place for the formal hearing in the matter of Complaint No. 72002, Cadmus L. G. Goss, a registered Land Surveyor, No. 5096.

Respondent Cadmus L. G. Goss, indicated he was present, represented by counsel R. J. Herbert, and was ready to proceed.

Complainant Robert Levine, Vice-President Universal Properties, Inc., together with his witnesses John Collins and G. D. Carter were present and ready to proceed.

During the cross-examination of witnesses, it was brought to the attention of the Board there was a discrepancy in the sworn complaint filed with the Board. The Chairman then called for an executive session of the Board.

The Chairman recalled the hearing and it was moved by Mr. Girand and seconded by Mr. Vanlandingham that in the matter of the suspension or revocation of the license of Cadmus L. G. Goss, a registered Land Surveyor, Complaint No. 72002, the complaint be dismissed. It was moved by Dr. Newlin and seconded by Mr. Knickerbocker that the motion be amended to read with the addition that the complaint is being dismissed on the technicality of the complaint. Motion carried as amended with six ayes and one nay.

The foregoing formal hearings were transcribed by Chuck Edwards of Brush and Associates, Court Reporters.

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

It was moved by Mr. Dryden and seconded by Mr. Girand that the Board reconvene as a special session. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Vanlandingham that the State Board of Technical Registration investigate the allegations that were contained in the complaint which we received from Mr. Robert Levine and on which we conducted or began at least to conduct the hearing on this date. Motion carried unanimously.

There being no further business, the Chairman adjourned the meeting at 3:45 P.M.


CHAIRMAN


SECRETARY

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
 SEPTEMBER 6, 1972

A special meeting of the Board was called to order by Chairman Ralph Wyatt in the office of the Board, 3550 N. Central Avenue, Suite 923, Phoenix, Arizona, on September 6, 1972, at 1:40 P.M.

PRESENT

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

ABSENT

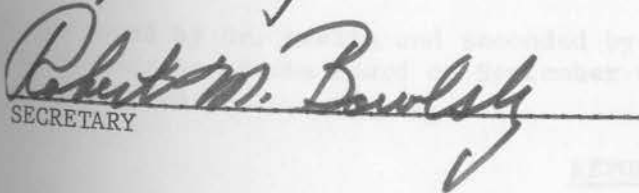
Robert M. Bowsby, Secretary
 C. W. Dryden
 James L. Knickerbocker
 Lew Place

After an explanation by Chairman Wyatt as to why this special meeting was being held, it was moved by Mr. Vanlandingham and seconded by Mr. Girand that mechanical engineering applicant, Charles V. Chenault, having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration number 8592. Motion carried.

ADJOURNMENT

There being no further business, it was moved by Mr. Girand and seconded by Mr. Vanlandingham that the meeting be adjourned at 2:00 P.M. Motion carried.


 CHAIRMAN


 SECRETARY

REPORT OF THE EXECUTIVE COMMITTEE

REPORT OF THE RULES & PRACTICE COMMITTEE

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

September 15, 1972

The meeting of the State Board of Technical Registration was called to order by Mr. Ralph L. Wyatt, Chairman, in the office of the Board, 3550 North Central Avenue, Suite 923, Phoenix, Arizona, at 9:10 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
 Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

Low Place

GUEST

Bill Sawyer, Exec. Sec., ASPE

Before proceeding to the formal agenda, Mr. Wyatt presented a plaque to Mr. Dryden as a memento of his capable service to the Board as its Chairman during fiscal year 1971-1972. Mr. Dryden responded by expressing his pleasure on working with the Board in this capacity and his appreciation for their cooperation during his tenure.

Mr. Wyatt introduced Mr. Bill Sawyer, the new Executive Secretary of the Arizona Society of Professional Engineers, who had been invited to the meeting by Mr. Girand. Mr. Girand commented that it was very desirable to have representatives of professional societies attend our Board meetings.

The Chairman then proceeded with the agenda by referring to the minutes of the previous Board meetings.

It was moved by Dr. Newlin and seconded by Mr. Dryden that the minutes of the meeting of the Board on June 26, 1972, be approved as presented. Motion carried.

It was moved by Mr. Dryden and seconded by Dr. Newlin that the minutes of the special meeting of the Board on August 18, 1972, be approved as presented. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Wallace that the minutes of the special meeting of the Board on September 6, 1972, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No meetings and no report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

The Chairman called for the public hearing in the matter of the proposed Rule changes at 1:30 P.M. An Arizona Republic reporter was present for this hearing.

Continued....

REPORT OF THE RULES & BY-LAWS COMMITTEE - Cont'd.

Mr. H. L. Royden, past Board member, appeared and expressed his approval of the proposed Rule changes.

There was a letter of protest introduced from Mr. Edward A. Smith, as shown on Minute Page 3073.

Mr. Girand read the proposed Rule changes, as follows:

Repeal Paragraph 6 of Rule II, C and repeal Rule III, C.

Adopt a new Rule III, C, to read:

Rule III. FEES

C. Renewal Fees

For renewal of a certificate of registration, if received prior to December 31st of each year (a certificate of registration not renewed prior to December 31st of each year will accrue a penalty of 10 percent of each month of fraction of month delinquency), the following fees will be required:

1. Renewal as an Architect, Assayer, Engineer, Geologist, Landscape Architect or Land Surveyor, fifteen dollars; except that persons age 70 or older shall be exempt from the registration fee provided they have been registered in Arizona for ten consecutive years immediately prior to attaining the age of 70.
2. In-Training certificates, none.

It was moved by Mr. Girand and seconded by Mr. Bowsby that the words "or older" be added to the end of the paragraph under Rule III, C(1). Motion carried.

It was moved by Mr. Girand and seconded by Mr. Dryden that the proposed Rules, as changed, be so adopted. Motion carried.

The committee reported on revisions as proposed by the Architectural Evaluation Committee at a meeting held on September 6, 1972, as shown on Minute Pages 3074, 3075 and 3076. This is a proposed modification of the Rules relating to architectural examinations under Rules I, II and III. Revision also indicated under Rule IV, B(3).

It was moved by Mr. Girand and seconded by Mr. Bowsby that this report be accepted. Motion carried.

It was requested that members submit any comments on the changes by October 15 prior to issuing notice of hearing for the December meeting.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

Edward A. Smith
432 Avenida de Solaz
Tucson, Arizona 85705

RECEIVED

AUG 21 1972

C3073

STATE BOARD OF TECHNICAL REGISTRATION

August 29, 1972

State Board of Technical Registration
Phoenix, Arizona 85012

Gentlemen:

I wish to protest the wording of the proposed new Rule III Fees C-1. I believe it would be fairer if the final words "immediately prior to attaining the age of 70." were omitted. I am 78 years of age and have been registered in Arizona for over 10 years, ^{but not 10 yrs before age 70.} I am doing no engineering work in Arizona, and have done very very little here. I am also registered in New York, where the fee is much less.

Yours very truly

Edward A. Smith, PE

The Rules and By-Laws Committee reports the following revisions as proposed by the Architectural Evaluation Committee at a meeting held on Wednesday, September 6, 1972:

RULE I. GENERAL RULES

A. Applications, General

3. Architectural applicants required to submit a treatise on seismic forces will not be scheduled for evaluation until the treatise has been submitted, satisfactorily graded and accepted by the Evaluation Committee.

RULE II. EXAMINATIONS

A. General Rules, Applicants for Registration

Initial Examination

1. Applicants for registration held for written examination as a result of initial Board action on their original application or re-application will be denied their application for registration and forfeit all application and examination fees if they fail to take their first scheduled written examination following notification of their being held for written examination. However, the Board may waive this rule when an applicant who is unable to take the first scheduled written examination notifies the Board at least ten days prior to the scheduled examination date and requests an extension in writing. Applicants for registration held for written examination pursuant to this rule, who have been granted an extension on the first scheduled written examination and who fail to take the next regularly scheduled written examination offered by the Board, shall have their application for registration denied.

Re-Examination

2. Applicants for registration who take the written examination pursuant to Rule II, A(1), and fail to achieve a passing grade will be allowed to re-examine. To be re-examined, applicants for registration must request re-examination thirty days prior to the next scheduled written examination date, by letter, and pay the scheduled re-examination fee for each part of the examination on which a passing grade was not achieved. Applicants who fail to request re-examination and pay the scheduled re-examination fees for two consecutive examination periods shall have their application for registration denied.

5. Written examinations will be given at a time and place established by the Board. The Board shall select and publish the examination dates and locations at least 90 days prior to the date selected.

B. General Rules, Applicants for Architect-in-Training, Engineer-in-Training, Geologist-in-Training, Landscape Architect-in-Training

3. Applicants for Architect-in-Training will be permitted to take the Architect-in-Training examination after graduation from an accredited architectural school. The graduates from an accredited architectural school

RULE II, B(3) Continued

must obtain the signature of the Dean of the College of Architecture on their Architect-in-Training application form. Applicants without college degrees from an accredited architectural school desiring to enter the Architect-in-Training program will be permitted to apply after five years of architectural training under a registered architect by submitting an application to the Board bearing the approval and signature of the current employer. Permission to enter the in-training program, upon application, will be granted by the Architectural Evaluation Committee after review to determine that the applicant has the experience as outlined in the current standards of the National Council of Architectural Registration Boards in architectural work of a character satisfactory to the Board.

4. Architect-in-Training examinations will be given at a time and place designated by the Board. Application for the in-training examination and certification from graduates of an accredited architectural school must be received in the office of the Board at least thirty days prior to the scheduled date of the examination. Application for the in-training examination and certification from non-graduates requesting examination and certification under Rule I, B(3) must be received in the office of the Board at least sixty days prior to the date of the scheduled examination.
6. An Architect-in-Training may repeat any of the three sections of the Architect-in-Training examination. When the required years of satisfactory training have been attained, he will be given credit for all parts passed and may apply for professional registration. Upon action by the Board, he may then be held for the professional examination.
7. If an Engineer-in-Training passes the in-training examination, credit for Fundamentals of Engineering will be given him towards his full professional examination, but if he fails the in-training examination, no credit will be given.
8. At the time of application for professional registration, credit will be given for Fundamentals of Engineering to any graduate of an ECPD accredited engineering curriculum.
9. If a Geologist-in-Training passes the in-training examination, credit for Basic Geology will be given him towards his full professional examination, but if he fails the in-training examination, no credit will be given.
10. If a Landscape Architect-in-Training passes the in-training examination, credit for History and Theory; Planting, Design and Identification; and Landscape Architectural Design will be given him towards his full professional examination, but if he fails the in-training examination, no credit will be given.
11. All in-training certificates shall expire eight years after issuance.

C. Context of Written Examinations

2. Architect-in-Training -- The applicant is required to pass the first major section of the examination in architecture.

3. Architecture -- There are two major sections to the examination in architecture; namely, the equivalency examination and the professional examination. The equivalency examination consists of three parts which are Construction, Theory and Practice (8 hours); History, Theory and Planning (2 hours); Design (10 hours). Each of these three sections may be repeated if a passing grade is not achieved. Construction, Theory and Practice consists of three indivisible parts which are Structural; Construction Technology and Administration; and Environmental Control Systems. The professional examination is of 16 hours duration and may be repeated in total if a passing grade is not achieved. It consists of four indivisible parts which are Environmental Analysis; Architectural Programming; Design and Technology; and Construction. A passing grade of 75 percent will be required on each part of the examination.

RULE III. FEES

B. Examination Fees

2. ARCHITECT EXAMINATIONS

Equivalency Examination

Construction Theory & Practice.....	\$10.00
History, Theory & Planning.....	5.00
Design.....	15.00

Professional Examination.....\$50.00

3. EXAMINATIONS CONDUCTED FOR N.C.A.R.B.

1. Senior Examination.....	\$25.00
2. Personal Audience to complete NCARB certification on basis of written examination.....	15.00
3. Treatise on lateral forces.....	25.00
4. Resubmittal of treatise on lateral forces.....	25.00

RULE IV. PROFESSIONAL PRACTICE

B. A.R.S. 32-141

3. The principal of the firm or officer of the corporation residing in Arizona (Rule IV, B(1)) shall be assigned to the principal Arizona office of the firm or corporation. This principal may, at his discretion, operate other Arizona offices of the firm or corporation provided, however, that each office has in it a person registered under this Chapter. This regulation shall be interpreted to exempt only offices established to observe construction for conformance with contract documents and design.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of August 14 and 15, 1972, as shown on Minute Pages 3078 through 3082. It was moved by Mr. Vanlandingham and seconded by Mr. Knickerbocker that the report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Letters from architectural applicants (Baron, Jagers, Kelly, Kouts and Pongraz) regarding the June examinations were introduced. Mr. Girand stated that all requests for a hearing in these circumstances should be granted as this is the only method of appeal. Mr. Vanlandingham agreed that this should be done. The letters were referred to the Architectural Examination Committee for action.

The Schedule of the Architectural Examinations in December, 1972, as shown on Minute Page 3083, was presented. It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that this schedule be approved as presented. Motion carried.

Mr. Bowlsby presented the Landscape Architectural Evaluation Committee meeting report of August 14, 1972, as shown on Minute Pages 3084 and 3085. It was moved by Dr. Newlin and seconded by Mr. Bowlsby that this report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Discussion followed on the grading of the Landscape Architectural examinations. It was moved by Mr. Girand and seconded by Mr. Bowlsby that the Landscape Architectural Committee should grade all examinations as a group and that no personal records should be kept. Motion carried.

The Schedule of the Landscape Architectural Examinations in December, 1972, as shown on Minute Page 3086, was presented. It was moved by Mr. Bowlsby and seconded by Mr. Dryden that this schedule be approved as presented. Motion carried.

Mr. Bronson C. Lansing, an applicant for registration in Mining Engineering, appeared to appeal the recommendation of the Engineering Evaluation Committee. Dr. Newlin commented that on the basis of the information confirmed in Mr. Lansing's file at the time of evaluation, the committee recommended that he be held for Parts 3 and 4 of the examination in mining engineering. Mr. Lansing then presented his case. After which he was excused, and the Engineering Evaluation Committee was called into session. As a result of new information brought out by Mr. Lansing to the effect that he was in the process of becoming registered in the United Kingdom, it was moved by Mr. Girand and seconded by Dr. Newlin that the committee recommend that the Board grant registration after the receipt of the certificate from London. Motion carried.

The Board then resumed its session and received the recommendation from the Engineering Evaluation Committee. It was then moved by Dr. Newlin and seconded by Mr. Girand that inasmuch as this application is incomplete at this moment, it is recommended that Mr. Lansing be granted registration as a Mining Engineer after receipt of the certificate by the Institute of Chartered Engineers in the United Kingdom. Motion carried. Mr. Lansing was then informed of the Board's action.

DATE: September 7, 1972

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

The Architectural Evaluation Committee met on August 14 and 15, 1972, 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:

Anderson, Earl Alden	72-321	Moran, Arthur Orton, Jr.	72-272
Bell, Willie Alexander	72-241	Oltman, Jerry Barth	72-281
Burt, James B.	72-284	Oppenheim, Stephen G.	72-243
Burton, Richard Roghaar	72-343	Perlmutter, Neil Howard	72-315
Choy, Philip P.	72-214	Quinter, William Keyes	72-122
Crocker, James Benjamin	72-70	Rohrbach, Richard H.	72-287
Dahl, William Henry	72-61	Salmi, Raymond Charles	72-316
Fanning, Harry William	72-286	Shaver, John Alden	72-101
Goewey, Richard Warner	72-64	Shinderman, William	72-288
Graser, Donald Burson	72-362	Stoker, Leslie Arthur	72-273
Hill, John C.	72-319	Stoll, Donald Edwin	72-320
Jones, Frank Hosack	72-140	Thoryk, Paul T.	72-170
Margraf, John Irwin	72-383	Tossman, Alan Brian	72-238
Markham, Philip K.	72-258	Wadlington, Irby Augustus, Jr.	72-242
Marshall, Oscar Thomas	72-235	Wilson, Charles Herman	72-262
Midyette, John Thomas, III	72-363	Wilson, Gary Guy	72-289
Miller, Samuel Morris	72-236	Wong, Gin Dan	72-244
Mitchell, David Clark	72-282	Ziegler, Raymond Stewart	72-137

- 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, 1972, examinations:

Fritsche, David Werner	72-285	C,D,E,F,G,H,I
Keck, Augustus Fredrick IV	72-318	C,D,E,F,G,H,I

Continued.....

II. Continued

Keenan, Michael John	72-259	C,D,E,F,G,H,I
Maroufkhani, Dariush	72-213	C,D,E,F,G,H,I
Senftleben, Norberto Gustavo E.	72-220	C,D,E,F,G,H,I
Varga, Walter David	72-322	D,E,F,H

- III. The following applicant having been advised twice to resubmit his treatise and problem 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:

Kramer, William Robert	72-38
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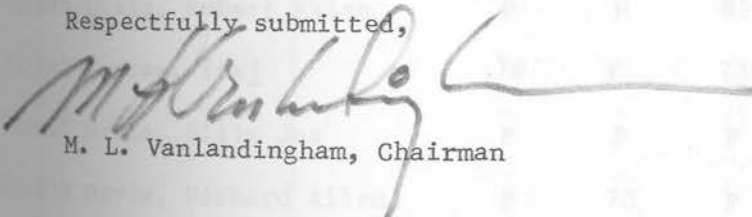
- IV. The following applicants having been advised twice they were scheduled to appear before the committee and for their failure to do so, the committee recommends to the Board that they be denied for failure to complete the requirements of the Board within a reasonable length of time:

Boyster, James Estle	72-199
Stone, Edward Durell	72-56

- V. The committee reviewed the architectural examinations given in June, 1972, 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 V of this report be accepted and implemented.

Respectfully submitted,


M. L. Vanlandingham, Chairman

ARCHITECTS

No.	Name	History & Theory	Site Planning	Arch. Design	Bldg. Construction	Structural Design	Prof. Admin.	Bldg. Equipment	Passed
		C	D	E	F	G	H	I	
*70-501	Banks, John Aubrey	P	83	P	P	P	P	P	D
71-411	Baron, Kathryn Marie	P	P	F	78	P	85	P	F,H
71-492	Barsoum, Barsoum Marcos	F	F	76	80	82	F	82	E,F,G,I
72-186	Bassett, Richard Steven	82	80	F	F	F	80	F	C,D,H
*71-97	Bollinger, Walter Henry	76	P	P	P	P	P	P	C
71-76	Campbell, Ian Douglas	P	88	P	P	Ext.	P	P	D
71-392	Clemons, Loy Ray	P	P	P	77	F	F	F	F
72-103	Coracides, Basilio B.	F	76	83	F	F	F	F	D,E
*71-374	Cornoyer, Jeffrey M.	P	78	91	P	P	P	P	D,E
72-59	Cotton, Dudley P., Jr.	84	F	F	83	86	81	89	C,F,G,H,I
72-66	Cox, Stephan A.	F	F	75	F	80	F	75	E,G,I
*71-375	Craig, Robert Allen	P	P	85	77	P	P	P	E,F
72-165	Dastan, Iraj	78	F	75	78	F	80	79	C,E,F,H,I
70-457	Davis, Billy Joe	P	P	P	P	F	P	F	
*71-238	Davis, Richard Allen	P	75	P	P	P	P	P	D
70-410	Drees, Robert D.	F	P	P	P	P	P	P	
*72-104	Enyart, Larry L.	81	91	90	79	78	84	75	C,D,E,F,G,H,I
*71-38	Gibbs, Perry J., III	P	75	75	P	P	P	P	D,E
*71-396	Gilbertson, James C.	P	85	P	P	P	P	P	D
70-89	Griffin, William F.	P	F	F	P	F	P	P	
71-369	Grygutis, James E.	P	F	79	P	P	P	P	E
*72-65	Harrington, James E.	P	90	75	80	P	87	P	D,E,F,H
72-58	Ropper, Albert N., Jr.	86	F	F	84	86	91	89	C,F,G,H,I
69-150	Jaggers, Philip F.	P	P	F	P	P	79	P	H

ARCHITECTS

03081

No.	Name	C History & Theory	D Site Planning	E Arch. Design	F Bldg. Construction	G Structural Design	H Prof. Admin.	I Bldg. Equipment	Passed
*72-172	Jernigan, Richard J.	84	84	82	79	82	85	84	C,D,E,F,G,H,I
71-220	Kellum, Charles E.	F	F	F	77	F	F	75	F,I
70-147	Kelly, James M.	P	P	F	P	P	P	P	
71-399	Kouts, Arthur Cecil	F	79	78	77	F	77	75	D,E,F,H,I
*71-72	Lee, Hemsley Martin	P	P	P	76	75	P	P	F,G
72-121	Leftwich, Billy J.	84	F	F	79	84	85	80	C,F,G,H,I
*72-132	McClain, Robert E.	84	81	87	81	77	85	80	C,D,E,F,G,H,I
*72-176	Maskulka, Gerald E.	P	86	92	79	P	78	P	D,E,F,H
71-89	Merritt, Bernard J.	Ex	Ex	Ex	F	F	82	F	H
70-338	Miller, Thomas P. J.	F	P	P	P	F	P	P	
71-391	Moos, Stephen Leon	F	75	P	F	F	F	F	D
71-357	Mrozinski, Robert W.	76	P	P	F	F	75	75	C,H,I
*70-6	Myers, Robert W.	75	75	75	P	P	P	P	C,D,E
*70-312	Nordby, Stanley E.	P	P	77	P	P	P	P	E
71-395	Osland, Rolf Olaf	P	P	P	P	F	P	P	
72-139	Pongraz, Edward R.	Ex	Ex	F	76	Ex	Ex	Ex	F
71-397	Powers, Joseph M.	P	F	F	P	P	P	P	
*71-342	Reif, Richard M.	P	82	89	P	P	P	P	D,E
72-171	Roberson, Jerry R.	76	F	80	F	F	F	79	C,E,I
72-175	Scalise, James W.	81	92	86	F	76	83	75	C,D,E,G,H,I
72-184	Shadoin, Thomas M., Jr.	77	87	88	77	F	77	F	C,D,E,F,H
72-130	Stamm, William Paul	Ex	F	81	77	Ex	85	Ex	E,F,H
71-85	Steppe, Allan Baker	P	P	F	P	F	P	P	
67-81	Tachuk, Donald M.	F	P	P	P	P	P	P	

ARCHITECTS

No.	Name	History & Theory C	Site Planning D	Arch. Design E	Bldg. Construction F	Structural Design G	Prof. Admin. H	Bldg. Equipment I	Passed
*72-178	Taggart, Dennis Lee	P	89	84	80	P	86	P	D,E,F,H
70-409	Warner, Fergus P., Jr.	P	P	F	P	F	P	P	
66-199	Wonsley, Ronald C.	F	P	P	P	F	P	P	

ARCHITECTS-IN-TRAINING

No.	Name	C	G	I	Passed
*72-4	Allison, Kenneth S.	90	81	88	C,G,I
*72-10	Floerchinger, Martin D.	86	88	88	C,G,I
72-15	Gorbette, Randall K.	F	F	F	
*72-1	Harris, Lynn Meyer	82	76	75	C,G,I
*72-2	Harris, Michael S.	85	75	79	C,G,I
*72-13	Hutchinson, Ronnie Lee	75	77	81	C,G,I
72-3	Johnson, Robert James	F	F	F	
72-11	Lucero, Edward H.	F	F	F	
*72-6	Marley, Carla Louise	76	78	75	C,G,I
*72-7	Marley, Larry Gene	81	86	86	C,G,I
71-5	Miller Fred D.	F	F	F	
72-14	Sandstrom, Jennifer Lee	F	F	F	
*72-12	Wilson, Shelby	85	83	81	C,G,I

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS AND ARCHITECTS-IN-TRAINING

TWO LOCATIONS

1. Tempe, Arizona

College of Architecture Building, South of University Drive on
Forest Avenue, Rooms 240 and 241, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 16, 1972

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

Examination E, Architectural Design - "A Contemporary Art Museum"
(No reference material permitted)

Sunday, December 17, 1972

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

Examination H, Professional Administration (No reference material permitted)

11:30 A.M. to 4:30 P.M.

Examination D, Site Planning - "A Downtown Office Complex"
(No reference material permitted)

Monday, December 18, 1972

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 19, 1972

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)

DATE: September 7, 1972

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

The Landscape Architectural Evaluation Committee met on August 14, 1972, in Phoenix, Arizona, with the following members present:

C. W. Newlin
 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:

Brinkerhoff, Donald Carl	72-275
Stone, Edward, D., Jr.	72-27

- 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, 1972, examinations:

Rutz, Miriam Easton	72-331	Parts 1, 2, 3, 4 and 5
Stewart, Ward Douglas	72-245	Parts 1, 2, 3, 4 and 5
Weaver, Walter Lee, Jr.	72-188	Parts 1, 2, 3, 4 and 5

- III. It is recommended that the following applicant be denied registration under A.R.S. 32-123.C for lack of experience of a character satisfactory to the Board to be deemed qualified under A.R.S. 32-122 or 32-123, and be refunded the amount shown of his application fee:

Luebkin, George, Jr.	72-333	\$10.00
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- IV. The committee reviewed the landscape architectural examinations given in June, 1972, and recommends to the Board that the grades as shown on the following page be so certified.

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

Respectfully submitted,

Robert M. Bowlsby
 Robert M. Bowlsby, Chairman

LANDSCAPE ARCHITECTS

No.	Name	History & Theory 1	Pltg., Design, & Ident. 2	Landscape Arch. Design 3	Construction 4	Prof. Administration 5	Passed
71-98	Aubuchon, Norman Lee	78	P	P	P	75	1, 5
71-265	Byrne, Michael George	P	P	F	P	P	

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, Rooms 240 and 241, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, December 16, 1972

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

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

Sunday, December 17, 1972

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

Part 4 - Construction (Reference Material is Permitted)

Monday, December 18, 1972

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

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

Tuesday, December 19, 1972

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)

ARCHITECTS - GENERAL
 Design, Robert [unclear]
 Crocker, Janet [unclear]
 Dahl, William [unclear]
 Davis, Richard [unclear]
 Evans, Larry [unclear]
 Fording, Henry [unclear]
 Gilvin, Perry [unclear]
 Hildebrand, James Charles [unclear]

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES - Cont'd

Letter from Amit Peles, Industrial Engineering applicant, was presented which requested reconsideration of the Engineering Evaluation Committee's recommendation of holding him for Parts 1 and 2 of the written examination. It was moved by Mr. Dryden and seconded by Mr. Girand that his request be referred to the Engineering Evaluation Committee. Motion carried.

Letter from Don McRae, Electrical Engineering applicant, was presented which requested he be allowed to appear for his personal audience even though he had failed to do so twice. It was moved by Mr. Dryden and seconded by Mr. Girand that he be given another chance to appear. Motion carried.

Dr. Newlin presented the Engineering Evaluation Committee meeting report of August 9, 10, and 11, 1972, as shown on Minute Pages 3088, 3089 and 3090. It was moved by Dr. Newlin and seconded by Mr. Girand that this report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. William P. Collon, Highway Engineer, File #66-239, by letter on June 29, 1972, requested waiver of Part 3 of the examination. It was moved by Mr. Dryden and seconded by Dr. Newlin that this be referred to the Engineering Evaluation Committee. Motion carried with Mr. Girand abstaining. It was moved by Mr. Dryden and seconded by Dr. Newlin that Mr. Collon be invited to appear at the next meeting of the Engineering Evaluation Committee. Motion carried.

The Schedule of the Engineering Examinations in December, 1972, as shown on Minute Page 3091, was presented. It was moved by Dr. Newlin and seconded by Mr. Girand that this schedule be approved as presented. Motion carried.

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.

Anderson, Charles Ross	72-80	Civil Engineer
Davis, Hoy D., Jr.	72-207	Civil Engineer
DeLuca, Ernest W.	72-46	Civil Engineer
Hutchcraft, Clinton Edward	71-496	Architect
Magruder, Pat Kelley	72-2	Architect
Pandolfi, James Leonard	72-19	Architect
Smith, Stanley Monroe	72-195	Architect

It was moved by Mr. Vanlandingham 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

Anderson, Earl Alden	8501
Banks, John Aubrey	8502
Bell, Willie Alexander	8503
Bollinger, Walter Henry	8504
Burt, James B.	8505
Burton, Richard Roghaar	8506
Choy, Philip P.	8507
Cornoyer, Jeffrey Merle	8508

ARCHITECTURE - Cont'd.

Craig, Robert Allen	8509
Crocker, James Benjamin	8510
Dahl, William Henry	8511
Davis, Richard Allen	8512
Enyart, Larry L.	8513
Fanning, Harry William	8514
Gibbs, Perry Joseph, III	8515
Gilbertson, James Charles	8516

DATE: September 7, 1972

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

The Engineering Evaluation Committee met on August 9, 10, and 11, 1972, in Phoenix, Arizona, with the following members present:

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

There being a quorum present at all times the committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- I. The following applicants having appeared before the committee and satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 are hereby recommended for registration:

CIVIL ENGINEERING

Anderson, Charles Milton 72-202
 Bingham, Franklin Daniel 72-156
 Cheatham, Robert Arthur 72-200
 Cotten, Ronald Eugene 72-181
 Entenman, Alfred Morris, Jr. 72-302
 Flacy, Clifford Earl 72-224
 Frost, James Howard 72-211
 Geist, Denev James 72-311
 Glasgow, James Marvin 72-330
 Hallenberger, Charles Ronald 72-265
 Haver, Charles Jackson 72-232
 Hillebrandt, Donald H. 72-124
 Husted, Dennis Dee 72-326
 Knutson, Leslie Nels 72-293
 Lander, Don Morton 72-246
 Landis, Robert Kay 72-256
 McCamman, Ernest R. 72-292
 McMillan, Benny E. 72-231
 Mills, William Robert, Jr. 72-247
 Pallesen, Clifford Ray 72-307
 Paulson, Orville Burdean 72-217
 Reilly, William Richard 72-204
 Scheck, Thomas Holmes 72-254
 Segall, Burton A. 72-252
 Strobeck, Aldon Henry 72-303
 Tencza, Stephen Joseph 72-339
 Thomas, Clifford Earl 72-295
 Weyant, Dwight Richard 72-277

ELECTRICAL ENGINEERING

Bowman, Eugene Claude, Jr. 72-253
 Castrovince, Charles William 72-294
 Cimon, Marc Hector 72-212
 Cooper, Graham 72-145
 Goldin, Saul 72-233
 Goodwin, Paul Eugene 72-329
 Mirahmadi, Mehdi George 72-197
 Schuetz, Robert F. 72-222
 Simons, Gerald F. 72-225

MECHANICAL ENGINEERING

Allspaw, Carl Lester 72-299
 * Chenault, Charles V. 72-160
 Cooper, Graham 72-146
 Hughes, Robert Farrington 72-278
 Montgomery, Charles Ellsworth 72-338
 Sheller, Don Lewis 72-228

MINING ENGINEERING

Lambert, Donald P. 72-251

STRUCTURAL ENGINEERING

Doberne, Morris 72-263
 Dubsky, Frank John 72-201
 Lau, Winston Kwok-Chu 72-268
 Taylor, William Charles 72-301

Continued.....

*Granted at special Board meeting 9/6/72

I. Continued

GEOLOGY

Smith, Jay Louis 72-310

LAND SURVEYING

Clark, Richard Allen 72-206

Poole, Ted Frank 72-313

Wada, Robert Mitsuru 72-267

Widick, Donald L. 72-205

- 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, 1972, written examinations:CHEMICAL ENGINEERING

Ginand, Philip M. 72-215 Parts 3 and 4

CIVIL ENGINEERING

Baker, Christopher Jerome 72-335 Parts 3 and 4

Cooper, Alan Blake 72-340 Parts 3 and 4

Guild, Kirke Leroy 72-309 Parts 1, 2, 3 and 4

Louvriere, Edward 72-219 Parts 1, 2, 3 and 4

McFadden, Gene Raymond 72-216 Part 4

Madhok, Ashok Kumar 72-218 Parts 3 and 4

Milne, James Evans 72-227 Parts 3 and 4

Russell, Thomas Edward 72-325 Parts 3 and 4

Seal, Virgil Larry 72-248 Parts 3 and 4

Wolan, John Gregory 72-298 Parts 3 and 4

ELECTRICAL ENGINEERING

Colapret, Edward E. 72-77 Parts 3 and 4

Iddings, George Edward 72-306 Parts 3 and 4

Maciejewski, Martin 72-209 Parts 3 and 4

Rampley, Gregory Paul 72-110 Parts 3 and 4

INDUSTRIAL ENGINEERING

Peles, Amit 72-308 Parts 1 and 2

MECHANICAL ENGINEERING

Cooper, Stephen George 72-314 Parts 3 and 4

Lundgren, Victor John 72-230 Parts 3 and 4

Puzzi, Herman Victor 72-297 Parts 3 and 4

MINING ENGINEERING

Devere, John T. 72-280 Parts 3 and 4

Continued.....

II. Continued

SANITARY ENGINEERING

Bergland, Ronald Jack	72-229	Parts 3 and 4
Scanlan, James William	72-312	Parts 3 and 4
Shafer, William Harold, Jr.	72-226	Parts 3 and 4

STRUCTURAL ENGINEERING

Lissiak, Victor, Jr.	72-249	Parts 5 and 6
Meza, George Michael	72-255	Parts 3, 4, 5 and 6

ASSAYING

Shah, Dnyanendra Amrutlal	72-210	Parts 1 and 2
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GEOLOGY

Arnold, Leavitt Clark	72-257	Parts 3 and 4
Miller, Charles Parker	72-300	Parts 3 and 4

LAND SURVEYING

Cocio, Eddie Y.	72-250	Parts 1, 2, 3 and 4
Holdread, Stephen W.	72-266	Parts 1, 2, 3 and 4
Pellow, Stanley C., Jr.	72-128	Parts 1, 2, 3 and 4
Shearrow, Henry Alva	72-234	Parts 1, 2, 3 and 4

Applicant held for the April, 1973, examinations:CIVIL ENGINEERING

Dale, Edward E.	72-279	Parts 3 and 4
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III. It is recommended that the following applicant be denied registration under A.R.S. 32-123.C for lack of experience of a character satisfactory to the Board to be deemed qualified under A.R.S. 32-122 or 32-123, and be refunded the amount shown of his application fee:

Anderson, Charles Milton	72-203	Geologist	\$25.00
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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

DECEMBER SCHEDULE OF EXAMINATIONS

03091

I. SATURDAY, DECEMBER 9, 1972

TEMPE, ARIZONA - Report to Room G150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY.

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, DECEMBER 10, 1972

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY.

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Bldg. at the UNIVERSITY OF ARIZONA.

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

Part III - Engineering Analysis - all branches of engineering.

Part III - Applied Geology.

Part III - Land Surveying Rules and Regulations.

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

Part IV - Engineering Design - all branches of engineering.

Part IV - Geological Problems.

Part IV - Land Surveying Legal Principles.

III. MONDAY, DECEMBER 11, 1972

TEMPE, ARIZONA (only) - Report to Room G-133, Engineering Ctr., ARIZONA STATE UNIVERSITY.

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

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

ARCHITECTURE - Cont'd.

Goewey, Richard Warner	8517
Graser, Donald Burson	8518
Harrington, James Edgar	8519
Hill, John C.	8520
Jernigan, Richard Jeffrey	8521
Jones, Frank Hosack	8522
Lee, Hemsley Martin	8523
McClain, Robert Edwin	8524
Margraf, John Irwin	8525
Markham, Philip K.	8526
Marshall, Oscar Thomas	8527
Maskulka, Gerald Edward	8528
Midyette, John Thomas, III	8529
Miller, Samuel Morris	8530
Mitchell, David Clark	8531
Moran, Arthur Orton, Jr.	8532
Myers, Robert W.	8533
Nordby, Stanley Ervin	8534
Oltman, Jerry Barth	8535
Oppenheim, Stephen G.	8536
Perlmutter, Neil Howard	8537
Quinter, William Keyes	8538
Reif, Richard Murray	8539
Rohrbach, Richard H.	8540
Salmi, Raymond Charles	8541
Shaver, John Alden	8542
Shinderman, William	8543
Stoker, Leslie Arthur	8544
Stoll, Donald Edwin	8545
Taggart, Dennis Lee	8546
Thoryk, Paul T.	8547
Tossman, Alan Brian	8548
Wadlington, Irby Augustus, Jr.	8549
Wilson, Charles Herman	8550
Wilson, Gary Guy	8551
Wong, Gin Dan	8552
Ziegler, Raymond Stewart	8553

CIVIL ENGINEERING

Anderson, Charles Milton	8554
Bingham, Franklin Daniel	8555
Cheatham, Robert Arthur	8556
Cotten, Ronald Eugene	8557
Entenman, Alfred Morris, Jr.	8558
Flacy, Clifford Earl	8559
Frost, James Howard	8560
Geist, Deney James	8561
Glasgow, James Marvin	8562
Hallenberger, Charles Ronald	8563
Haver, Charles Jackson	8564
Hillebrandt, Donald H.	8565
Hustead, Dennis Dee	8566
Knutson, Leslie Nels	8567
Lander, Don Morton	8568

CIVIL ENGINEERING - Cont'd.

Landis, Robert Kay	8569
McCammann, Ernest R.	8570
McMillan, Benny E.	8571
Mills, William Robert, Jr.	8572
Pallesen, Clifford Ray	8573
Paulson, Orville Burdean	8574
Reilly, William Richard	8575
Scheck, Thomas Holmes	8576
Segall, Burton A.	8577
Strobeck, Aldon Henry	8578
Tencza, Stephen Joseph	8579
Thomas, Clifford Earl	8580
Weyant, Dwight Richard	8581

ELECTRICAL ENGINEERING

Bowman, Eugene Claude, Jr.	8582
Castrovince, Charles William	8583
Cimon, Marc Hector	8584
Cooper, Graham	8585
Goldin, Saul	8586
Goodwin, Paul Eugene	8587
Mirahmadi, Mehdi George	8588
Schuetz, Robert F.	8589
Simons, Gerald F.	8590

MECHANICAL ENGINEERING

Allspaw, Carl Lester	8591
Cooper, Graham	8593
Hughes, Robert Farrington	8594
Montgomery, Charles Ellsworth	8595
Sheller, Don Lewis	8596

MINING ENGINEERING

Lambert, Donald P.	8597
Lansing, Bronson Coxie	8610

STRUCTURAL ENGINEERING

Doberne, Morris	8598
Dubsky, Frank John	8599
Lau, Wilson Kwok-Chu	8600
Taylor, William Charles	8601

GEOLOGY

Smith, Jay Lewis	8602
------------------	------

LANDSCAPE ARCHITECTURE

Aubuchon, Norman Lee	8603
Brinkerhoff, Donald Carl	8604
Stone, Edward D., Jr.	8605

LAND SURVEYING

Clark, Richard Allen	8606
Poole, Ted Frank	8607
Wada, Robert Mitsuru	8608
Widick, Donald L.	8609

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

<u>ARCHITECT-IN-TRAINING</u>		<u>ENGINEER-IN-TRAINING - Cont'd.</u>	
Allison, Kenneth S.	117	McCarthy, William F.	1121
Floerchinger, Martin Dean	118	Mohammed, Robert A.	1122
Harris, Lynn Meyer	119	Oeltman, John Domenic	1123
Harris, Michael Steven	120	Olson, Leslie Frank, Jr.	1124
Mutchinson, Ronnie Lee	121	Ong, Howard	1125
Marley, Carla Louise	122	Pawlak, Steven Lawrence	1126
Marley, Larry Gene	123	Seal, Claud Wayne, Jr.	1127
Wilson, Shelby	124	Sherrod, Anthony James	1128
		Slattebo, David Louis	1129
		Slaysman, Melvin J., Jr.	1130
		Smith, Jerald Lynn	1131
<u>ENGINEER-IN-TRAINING</u>		Soo Hoo, Wesley	1132
Alar, Karl Joseph	1104	Spease, Steven J.	1133
Andrews, Richard L.	1105	Stevens, Jeffery L.	1134
Beydler, Terry Eugene	1106	Tom, Belle Karen	1135
Crawford, David S.	1107	Van Veghel, Stephen J.	1136
Dambro, Mark Richard	1108	Vongsevaisayawan, Adisai	1137
Dearborn, Michael W.	1109	Wason, Robert George	1138
DiVito, Joseph Anthony	1110	Weems, Donald C., Jr.	1139
Eckley, Robert C.	1111	Willey, James C.	1140
Griffith, Robert William	1112	Winzerling, Alfred	1141
Hanna, Philip Rush	1113	Wiste, Doyle L.	1142
Holman, Robert A.	1114	Wright, C. Douglas	1143
Hughes, William Marschall	1115	Yee, David Moon	1144
Kenady, Pamela Kay	1116	Forte, Alexander Vincent	1145
Knickerbocker, Kenneth L.	1117	Russell, James E., Jr.	1146
Kruse, Robert Keith	1118		
London, John M.	1119		
Luttke, Craig A.	1120		

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Vanlandingham stated that at the Annual Meeting of the National Council of Architectural Registration Boards in Seattle, Washington, June 27-July 1, 1972, primary discussion was the implementation of the new exams. The equivalency examination would be first used in June, 1973, and the professional examination in December, 1973. All states accepted the new examinations but New York. Mr. Vanlandingham will participate in the writing of the national examination.

Mr. Wyatt reported that one of the major topics was discussion by members of the Interprofessional Council on Registration within its efforts to resolve problems common to the design professions.

Mr. Knickerbocker reported on his attendance at the Annual Meeting of the National Council of Engineering Examiners in Seattle, Washington, August 21-25, 1972. He stated that quite a movement for national certification was being made with very close format to the National Council of Architectural Registration Boards.

Continued....

REPORT OF THE PUBLIC INFORMATION COMMITTEE - Cont'd.

Les Gates reported to the meeting that the Interprofessional Council on Registration has developed rules for professional conduct as a suggestion for individual Boards to incorporate in their Rules and By-Laws.

Mr. Dryden suggested that "Suggested Model Rules of Professional Conduct for adoption by State Registration Boards" be referred to the Rules and By-Laws Committee for discussion.

Mr. Knickerbocker stated the Western Zone meeting will be held in Phoenix May 6-8, 1973, and the National meeting in 1976 will be held in Tucson, the dates being August 14-16, 1976.

REPORT OF THE BUDGET COMMITTEE

The budget submitted to the Commissioner of Finance for Fiscal Year 1973-1974, as required by September 1, 1972, is as shown on Minute Pages 3095 through 3114.

Mr. Knickerbocker noted that our balance is going up. Mr. Girand inquired as to the legal position on 90-10 agency. It was moved by Mr. Girand and seconded by Dr. Newlin that the Legislative Committee be instructed to investigate possibility to get us restored to lump sum 90% agency and report to the Board at the next meeting in detail the possible course of action. Motion carried with one nay. Mr. Dryden opposed but said his committee would see what they could do.

REPORT OF THE EXECUTIVE DIRECTOR

Cash Flow Report #1 as shown on Minute Page 3115 was presented for the Board's information.

READING OF COMMUNICATIONS

Letter from the Michigan State Board of Landscape Architects regarding reciprocal agreement of landscape architects was presented to the Board. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Executive Director write the State of Michigan that our law does not provide for reciprocal registration. Motion carried.

Letter from Julian R. Franklin, Chairman, National Committee for Professional Registration of American Institute of Plant Engineers was presented to the Board. It was moved by Mr. Girand and seconded by Dr. Newlin that the Executive Director be directed to write Mr. Franklin that our law does not provide for registration of Plant Engineers. Motion carried.

UNFINISHED BUSINESS

The report of the ad-hoc committee, consisting of Mr. Vanlandingham, Mr. Wyatt, Mr. Girand and Mr. Wallace who were appointed by the Chairman at the June Board meeting, to assist Mrs. Cantor, Assistant Attorney General, in preparing a reply to Mr. Merry's correspondence, was presented as shown on Minute Page 3116.

Continued on Page 3117

STATE OF ARIZONA
BUDGET REQUEST FOR THE FISCAL YEAR 1973-1974

Budget Request Approved By _____ Executive Director _____ August 29, 1972
 Signature _____ Title _____ Date
 Budget Request Prepared By Board's Budget Committee & Exec. Dir. _____ 271-4053 _____
 Phone _____

Agency State Board of Technical Registration Fund Sources 90/10 Agency - ARS 32-109, Technical
 Address 3550 N. Central Ave., Suite 923 Registration Fund - 21-396-500
Phoenix, Arizona 85012
 A.R.S. Citation Title 32, Chapter I, ARS 1956, 1970

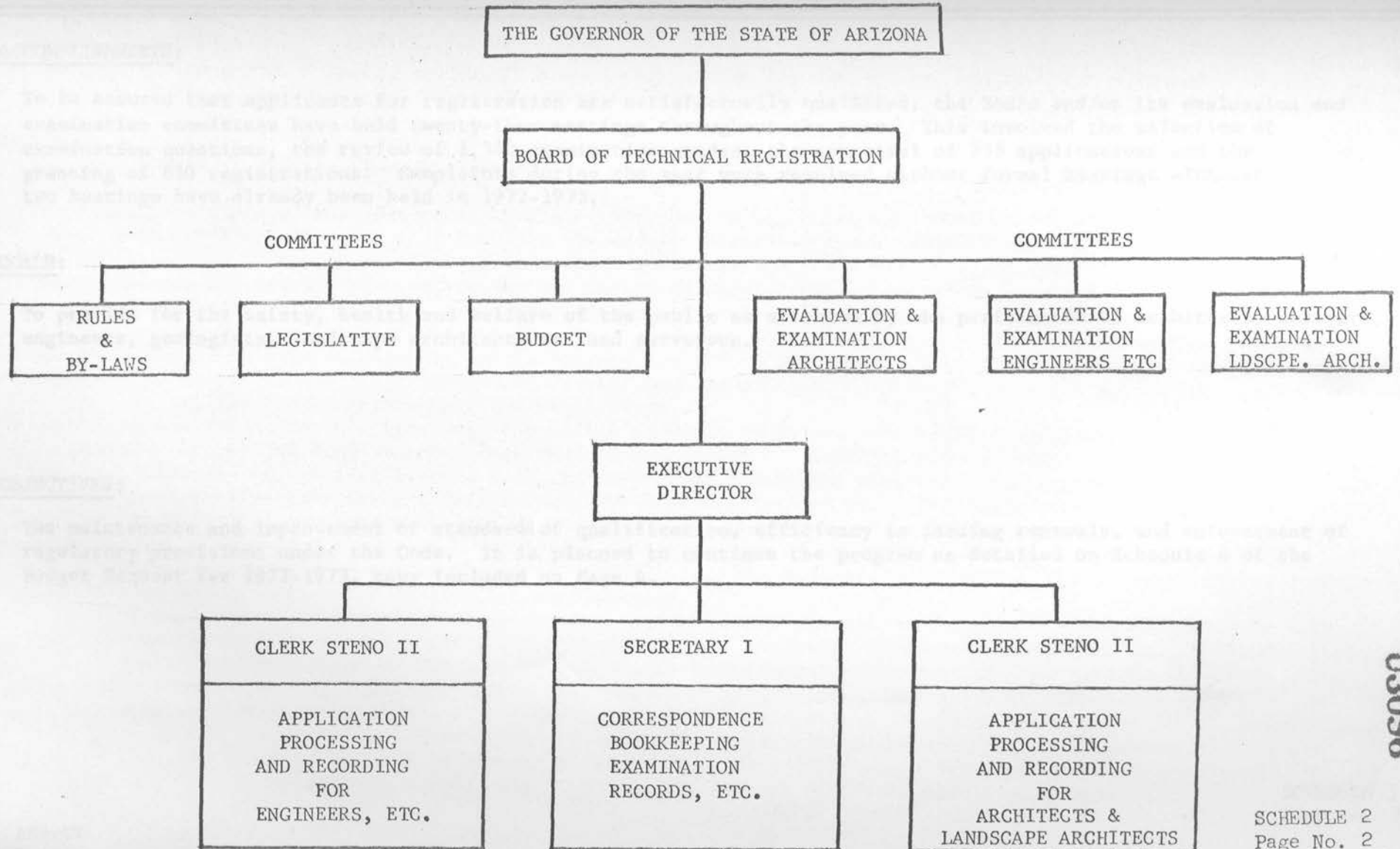
RECEIPTS

Description	Name of Fund	Actual 1971-1972	Estimated 1972-1973	Estimated 1973-1974
Renewal and Penalty Fees		104,182	85,000	93,000
Application Fees		24,225	29,000	32,000
Examination Fees		12,465	15,000	17,000
Seismic Treatises		700		
Miscellaneous		137		
TOTAL REVENUE		141,709	129,000	142,000
	10% General Fund	14,171	12,900	14,200
	90% Technical Fund	127,538	116,100	127,800

03095

STATE OF ARIZONA
ORGANIZATION CHART

Agency Board of Technical Registration



STATE OF ARIZONA
PROGRAM STATEMENT

Agency Board of Technical Registration

Program Agency Program

ACCOMPLISHMENTS, GOALS AND OBJECTIVES

ACCOMPLISHMENTS:

To be assured that applicants for registration are satisfactorily qualified, the Board and/or its evaluation and examination committees have held twenty-four meetings throughout the year. This involved the selection of examination questions, the review of 1,343 examination grades, the appraisal of 755 applications and the granting of 610 registrations. Complaints during the year were resolved without formal hearings although two hearings have already been held in 1972-1973.

GOALS:

To provide for the safety, health and welfare of the public as affected by the performance of architects, assayers, engineers, geologists, landscape architects or land surveyors.

OBJECTIVES:

The maintenance and improvement of standards of qualification, efficiency in issuing renewals, and enforcement of regulatory provisions under the Code. It is planned to continue the program as detailed on Schedule 4 of the Budget Request for 1972-1973, copy included on Page 4.

STATE OF ARIZONA
PROGRAM STATEMENT

Agency Name Board of Technical Registration Program Agency Program SCHEDULE 4

PROGRAM DEFINITION, GOALS AND OBJECTIVES

The Goal of the Board of Technical Registration is to provide for the safety, health and welfare of the public as affected by the performance of architects, assayers, engineers, geologists, landscape architects or land surveyors.

The Objectives are to achieve the goal through the promulgation and enforcement of standards of qualification for the individuals practicing those professions.

The Program consists of examination and registration, renewal of licenses, and investigation of violations of the laws. Before registration can be granted by the Board, an applicant must fulfill the requirements for experience and education and submit an application form which qualifies him for a personal audience with an Evaluation Committee when the transcripts, references and record of experience and prior registration in other states have been verified by the office staff. As a part of the personal audience procedure, the applicant takes a written test on Arizona law and Rules of the Board. After reviewing the written application, the Committee interviews the candidate to be sure he understands the Arizona law and to determine his qualifications. The Committee may recommend to the Board that registration be granted with or without examination, that the application be denied, or that the application be reviewed by the whole Board.

When examinations are required, the office arranges their preparation through national or local sources. The National Council of Architectural Registration Boards and the National Council of Engineering Examiners sell prepared examinations, revised twice a year, to most state Boards for architects and engineers-in-training. The more advanced examinations for professional registration are secured by individual purchase for preparation and grading, usually from professors of Arizona universities. The examinations are held three times a year at the universities in Tempe and in Tucson. Proctoring is done by the office staff as far as possible. After the examinations are graded they are tabulated and submitted to the Examination Committee for approval of the grades, and referred to the next Board meeting for confirmation.

Annual renewal of registration is accomplished by use of the computer service in the Finance Department, which maintains the file of registrants and prepares renewal notices. Payments are recorded by the Agency staff.

The enforcement phase of the program depends on investigation of complaints and subsequent action by the Board against registrants as defined by ARS 32-128B, under which a certificate may be revoked or suspended for cause. The Board also cooperates with citizens, professional societies, governmental agencies and the courts in bringing criminal prosecution or injunctive action against persons or firms offering or attempting to practice in violation of the statutes. It is planned to strengthen the enforcement procedures by investigative effort as requested under Professional and Outside Services, but without additional staff at present.

03098

STATE OF ARIZONA
WORKLOAD AND STATISTICAL FACTORS

Agency Board of Technical Registration Program _____

Description of Factor Used	Actual 1971-1972	Estimated 1972-1973	Estimated 1973-1974
Professional Registrations, July 1	4,820	5,406	5,966
Delinquents Paid	253	275	300
New Professional Registrations Granted	476	535	600
Deceased	(22)	(25)	(30)
Delinquent, June 30	(121)	(225)	(250)
TOTAL PROFESSIONAL REGISTRATIONS, JUNE 30	5,406	5,966	6,586
Applications Received 580 Professional + 175 "In-Training"	755	865	995
Examinations Written 860 Engineers + 483 Architects	1,343	1,665	2,065
Registrations Granted 476 Professional + 134 "In-Training"	610	715	835
Agency Cost per Professional Registrant as of June 30	15.40	16.10	15.90

03099

STATE OF ARIZONA
WORKLOAD AND STATISTICAL FACTORS - VEHICLES

Agency Board of Technical Registration Program _____

Description of Factor Used	Actual 1971-1972	Estimated 1972-1973	Estimated 1973-1974														
<u>STATE OWNED VEHICLES</u>																	
Number Owned	----	----	----														
Number Assigned on a Pool Basis																	
Average Annual Miles Driven on Pool Vehicles																	
Number Assigned to Individual Employees																	
Annual Miles Driven on each assigned vehicle: (List vehicles by License No. and Home/Office Mileage)																	
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"><u>License No.</u></th> <th style="width: 30%;"><u>Annual No. of Miles To and From Home/Office</u></th> </tr> </thead> <tbody> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> <tr><td>_____</td><td>_____</td></tr> </tbody> </table>	<u>License No.</u>	<u>Annual No. of Miles To and From Home/Office</u>	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____			
<u>License No.</u>	<u>Annual No. of Miles To and From Home/Office</u>																
_____	_____																
_____	_____																
_____	_____																
_____	_____																
_____	_____																
_____	_____																
<u>PRIVATELY OWNED VEHICLES</u>																	
Number of Employees Driving - Under 5,000 miles per year (Includes 9 Board Members)	13	13	13														
5,000 - 10,000 miles per year																	
10,000 - 20,000 miles																	
Over 20,000 miles																	

ATTACH A COPY OF AGENCY POLICY REGARDING THE ASSIGNMENT TO AND USE OF STATE OWNED VEHICLES AND THEIR MAINTENANCE BY AGENCY EMPLOYEES AND THE USE OF PRIVATELY OWNED VEHICLES FOR STATE BUSINESS.

STATE OF ARIZONA
SOURCE AND DISPOSITION OF FUNDS

Agency

Board of Technical Registration

Program

	1971-1972	1972-1973	1973-1974
SOURCE OF FUNDS			
Balance Forward From Prior Year	54,976	99,280	112,053
General Fund Appropriation			
Special Fund Appropriation			
Supplemental Appropriation			
Appropriated Receipts	93,225	96,496	104,400
Federal Funds			
Other Funds (Specify)			
Technical Registration Fund - Receipts in excess of appropriation	34,314	12,224	23,400
TOTAL	182,515	208,000	239,853
DISPOSITION OF FUNDS			
Expenditures	83,235	95,947	104,400
Other (Specify)			
Amount Reverted			
Balance Forward to Next Year	99,280	112,053	135,453
TOTAL	182,515	208,000	239,853

STATE OF ARIZONA
SUMMARY OF EXPENDITURES AND BUDGET REQUESTS

Agency Board of Technical Registration Program

Expenditure Classification	1973-1974 BUDGET REQUEST					(6) Total Request
	(1) Actual Expenditures 1971-1972	To Continue Current Program		To Expand Current Program		
		(2) Estimated Expenditures 1972-1973	(3) Increase (Decrease)	(4) Additional Workload	(5) Program Improvement	
NUMBER OF POSITIONS	4	4				4
PERSONAL SERVICES & RELATED COSTS ..	42,200	45,309	(74)	----	----	45,235
TRAVEL	5,430	7,200				7,800
OPERATING EXPENDITURES	34,386	43,438				50,700
EQUIPMENT	1,219	----				700
OTHER						
Sub-Total						
LAND, BUILDINGS AND IMPROVEMENTS ...						
TOTAL	83,235	95,947				104,400
GOVERNOR'S RECOMMENDATION						

A LUMP SUM APPROPRIATION IS REQUESTED

STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency Board of Technical Registration Program

SCHEDULE 6 - SUMMARY

Actual expenditures during 1971-1972 were somewhat less than the estimated total because complaints against violators were not of a nature to require special investigators, travel, or the conduct of formal hearings. The Board considers this to be an unusual condition and has requested that funds be provided for these purposes whenever necessary to fulfill the procedures outlined under A.R.S. 32-128. For example, two formal hearings have already been held in 1972-1973.

The cost of examinations increased 20% in 1971-1972 and this rate is estimated to increase to a rate of 23% in 1972-1973 and again in 1973-1974. This is due to the anticipated increase in applications and the fact that the price of architectural exams will double beginning in June of 1973, as the National Council of Architectural Registration Boards has completely revised the exam structure for architects.

Operating Expenditures are expected to increase in relation to the additional applications, examinations and registrations; all of which cause extra expense in communications and office supplies.

A small amount of furniture has been requested for effectiveness of the separate room provided for the use of Board members in the Occupational License Building.

03103

STATE OF ARIZONA
SUMMARY OF POSITIONS, PERSONAL SERVICES AND RELATED COSTS

Agency Board of Technical Registration Program

Detail	To Continue Current Program			To Expand Current Program				(8) FTE No.	(9) Total Request
	(1) FTE No.	(2) Estimated 1972-1973	(3) Increase (Decrease)	(4) FTE No.	(5) Additional Workload	(6) FTE No.	(7) Program Improvement		
Boards and Commissions	9	----	----	--	----	--	----	9	----
Regular Employees	4	40,337	----	--	----	--	----	4	40,377
Temporary Employees									
Other (Specify)									
SUMMARY OF POSITIONS		40,377							40,377
Workmen's Compensation Insurance		198	(85)						113
F. I. C. A. Taxes		1,860	(4)						1,856
Retirement Contributions		2,019							2,019
Health and Accident Insurance		720							720
Personnel Commission Services		135	15						150
Uniform Allowance									
Other (Specify)									
Gross Personal Services									45,235
Less: Vacancy Savings									
TOTAL - To Schedule 6		45,309	(74)						45,235

GOVERNOR'S RECOMMENDATION

03104

STATE OF ARIZONA
PRESENT POSITIONS

Agency Board of Technical Registration Program

Classification Title	To Continue Current Program for 1973-1974								
	Estimated 1972-1973			Amount of Salary Increase (Decrease)					
	Class Grade	FTE No.	Amount	FTE No.	Merit	Class Grade	FTE No.	Promotions	Increase (Decrease)
Executive Director (Exempt)	10	1	18,081		----			----	----
Secretary I	12	1	8,712		----			----	----
Clerk Steno II	8	2	13,584		----			----	----
			3,120		200				2,920
			1,700		100				1,600
			1,200		100				1,100
			200		100				100
			3,520		300				3,220
			7,200		400				6,800
TOTAL - To Schedule 7			40,377					----	----

03105

STATE OF ARIZONA
TRAVEL

Agency Board of Technical Registration Program

	To Continue Current Program		To Expand Current Program		(5) Total Request
	(1) Estimated 1972-1973	(2) Increase (Decrease)	(3) Additional Workload	(4) Program Improvement	
TRAVEL - STATE					
Mileage	2,000	200			2,200
Subsistence	1,400	100			1,500
Public Transportation					
Vehicle Expense					
Other					
Sub-Total	3,400	300			3,700
TRAVEL - OUT-OF-STATE					
Public Transportation	1,900	100			2,000
Subsistence	1,200	100			1,300
Other	700	100			800
Sub-Total	3,800	300			4,100
TOTAL - To Schedule 6	7,200	600			7,800
GOVERNOR'S RECOMMENDATION					

03106

STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency

Board of Technical Registration

Program

TRAVEL

Actual in-State travel was lower than estimated in 1971-1972 because the amount required for investigations was small. However, a contingent amount should be provided since the necessity for investigative travel depends on the location and nature of the suspected violation of the law.

Out-of-State travel was greater than the amount requested due to the locations at which the national meetings were held. Our Board members are concerned with the continuing effort of National Councils to lower examination standards and other requirements for registration. About 50% of our applicants are residents in other states and expect to be registered under A.R.S. 32-126 without further examination. This can only be done if standards in other states are equivalent to those of Arizona. For this reason, the Board members find it necessary to attend the meetings of the National Councils and exert all possible influence toward maintaining the standards as required by A.R.S. 32-101, A. Location of the meetings in 1973-1974 has not yet been decided by the National Councils. Authority for this participation is stated under A.R.S. 32-106,C.

STATE OF ARIZONA
OPERATING EXPENDITURES

Agency Board of Technical Registration Program

Expenditure Classification	SCH No.	To Continue Current Program		To Expand Current Program		(5) Total Request
		(1) Estimated 1972-1973	(2) Increase (Decrease)	(3) Additional Workload	(4) Program Improvement	
Professional and Outside Services	12	16,150	3,750			19,900
Occupancy and Warehouse Expense	13	7,888	1,312			9,200
Maintenance and Repairs	XX	200	--			200
Office Supplies	XX	3,900	600			4,500
Data Processing Supplies	XX					
Institutional and Household Supplies	XX					
Field Supplies	XX					
Vehicle Supplies	XX					
Communication and Shipping Expense	14	12,500	1,600			14,100
Rental of Equipment	15	1,000	--			1,000
Dues and Subscriptions	XX	1,800				1,800
Insurance	16					
Other (Specify)	17					
TOTAL - To Schedule 6		43,438	7,262			50,700

GOVERNOR'S RECOMMENDATION

03108

STATE OF ARIZONA
OPERATING EXPENDITURES
PROFESSIONAL AND OUTSIDE SERVICES

Agency Board of Technical Registration Program _____

Type of Service	To Continue Current Program		To Expand Current Program		Total Request
	Estimated 1972-1973	Increase (Decrease)	Additional Workload	Program Improvement	
Computer	2,500				2,500
Exams - N.C.E.E.	1,800				2,200
Exams - N.C.A.R.B.	4,000				6,000
Exams - C.L.A.R.B.	150				300
Local Examiners	5,200				5,400
Investigations	2,500				3,500
TOTAL - To Schedule 11	16,150				19,900

03109

STATE OF ARIZONA
BUDGET JUSTIFICATION

Agency Board of Technical Registration Program

PROFESSIONAL AND OUTSIDE SERVICES

Cost of the computer service for issuance of renewal notices has been estimated by EDP as \$2,500 for 1972-73 and hopefully this will be adequate for 1973-74.

Cost of examinations depends on the number given and the price. The increase in number of engineering exams in 1971-1972 over the previous year was 21%, and 29% for architectural exams. The price of all exams is expected to increase by a nominal amount except that the price of architectural exams will be doubled, effective in June, 1973. This has been caused by a complete revision of the exam structure by the National Council of Architectural Registration Boards.

Complaints of violation of the registration laws are brought to the attention of the Board either informally or by formal complaint. In accordance with A.R.S. 32-128, the Board considers it necessary to provide funds for professional investigations in event the violations are such as to require this service.

Type of Service and Location	Number of Square Feet	Cost Per Square Foot	Total Amount For Such Location	Agency's Contribution
Office	1,500	5.00	7,500	
Storage	100	1.00	100	
Chaparral area from 3100 to central area to Chaparral area building				

03110

STATE OF ARIZONA
OPERATING EXPENDITURES
OCCUPANCY AND WAREHOUSE EXPENSE

Agency Board of Technical Registration Program _____

Expenditure Classification	To Continue Current Program		To Expand Current Program		Total Request
	Estimated 1972-1973	Increase (Decrease)	Additional Workload	Program Improvement	
Rent	7,328	1,831			9,159
Utilities					
Maintenance and Repairs					
Other (Specify) Janitor Services	60	(60)			----
Moving Expenses	500	(500)			----
TOTAL - To Schedule 11	7,888	1,271			9,200

FOR EACH FACILITY RENTED
1973-1974

Type of Space and Location	Number of Square Feet	Cost Per Square Foot	Total Amount For Each Location	Governor's Recommendation
Office	1,638	5.50	9,009	
Storage	100	1.50	150	
(Mandatory move from 3550 N. Central Ave. to Occupational License Building)				

03111

STATE OF ARIZONA
OPERATING EXPENDITURES
COMMUNICATION AND SHIPPING EXPENSE

Agency Board of Technical Registration Program

Expenditure Classification	To Continue Current Program		To Expand Current Program		Total Request
	Estimated 1972-1973	Increase (Decrease)	Additional Workload	Program Improvement	
Printing	5,500	500			6,000
Advertising					
Reporting and Recording	700	--			700
Postage	4,450	750			5,200
Telephone and Telegraph	1,750	350			2,100
Telecommunications					
Freight, Express, Drayage and Messenger	100	--			100
Other (Specify)					
TOTAL - To Schedule 11	12,500	1,600			14,100

Justification for Increase:

All increases are based on growth of applications, examinations and registrations.

STATE OF ARIZONA
OPERATING EXPENDITURES
RENTAL OF EQUIPMENT

Agency Board of Technical Registration Program _____

Expenditure Classification	To Continue Current Program		To Expand Current Program		Total Request
	Estimated 1972-1973	Increase (Decrease)	Additional Workload	Program Improvement	
Data Processing Equipment					
Reproduction Equipment	1,000				1,000
Shop, Construction and Maintenance Equipment ..					
Other (Specify)					
TOTAL - To Schedule 11	1,000				1,000

Justification for Increase:

The above equipment will provide more efficient use of the additional space in the vocational library building.

03113

STATE OF ARIZONA
EQUIPMENT

Agency Board of Technical Registration Program _____

Item No.	Type of Equipment and Description	Number of Units		Unit Cost	(1) To Continue Current Program	To Expand Current Program		(4) Total Request
		N	R			(2) Additional Workload	(3) Program Improvement	
1	Desk	1		189	189			189
2	Chair	1		94	94			94
3	Table 70 x 36	1		114	114			114
4	Table 60 x 30	2		65	130			130
5	Filing Cabinet, 5 Drawer w/lock	1		79	79			79
6	Filing Cabinet, 2 Drawer w/lock	1		53	53			53
<p>The above equipment will permit more effective use of the additional space in the Occupational License Building.</p>								
TOTAL BUDGET REQUEST					700			700
LESS: 1972-1973 Estimated Expenditures					--			
TOTALS - To Schedule 6					700			
GOVERNOR'S RECOMMENDATION								

03114

CASH FLOW REPORT - #1

DATE: September 1, 1972

Balance on Deposit as of July 1, 1972 - \$99,279.41
 Balance on Deposit as of Report Date - \$102,892.91
 Total Allocated Receipts to Technical Fund as of Report Date - \$3,613.50
 Technical Fund Balance as of Report Date - \$90,574.71

LUMP SUM APPROPRIATED \$96,496.00

Code	Expenditures	Amount
7112.0	Salaries	\$6,729.48
7153.0	FICA	202.64
7155.0	State Retirement	336.48
7216.0	Data Processing	31.38
7220.0	Travel - State	144.00
7230.0	Travel - Out of State	101.75
7251.0	Rent - Office	1,905.24
7272.0	Maintenance & Repairs	104.77
7280.0	Office Supplies	396.60
7333.0	Report & Recording	50.00
7334.0	Postage Meter	900.00
7335.0	Telephone	126.16
7342.0	Rent - Xerox	62.40
7360.0	Dues and Subscriptions	40.60
7913.0	Revolving Fund	100.00
7921.0	Refunds	<u>18.00</u>
Amount Spent to Date		<u>11,278.80</u>
Balance of Appropriated Monies		\$85,217.20

A meeting of the Interprofessional Relations Committee was held in the office of the Board at 3:00 P.M. on Thursday, September 7, 1972.

Members present were: M. L. Vanlandingham, Ralph L. Wyatt,
John Girand and Robert G. Wallace

Mr. Vanlandingham acted as Chairman of the meeting.

After a brief discussion of the scope of the problems to be discussed, the following motion was made by Mr. Girand and seconded by Mr. Wyatt:

To declare a moratorium on interprofessional practice disputes pitting design professionals against one another publicly.

Motion carried.

In connection with the construction of a certain elementary school for which the Nogales School Board engaged a contractor who subsequently selected an architect, a discussion was held concerning Mr. Merry's letter dated May 3, 1972, in which he stated that, "unfortunately Section 32-142 of the Code is not sufficiently clear in terms of binding a public agency to employ an architect."

The following motion was made by Mr. Girand and seconded by Mr. Wyatt:

The Attorney General be requested to give an opinion of the legality of a public agency to select a contractor to design, build and supervise such a structure.

Motion carried.

With regard to the Hi-Corbett field project in which Rod Gomez and Associates engaged Architect One to do the architectural work, the following motion was made by Mr. Wyatt and seconded by Mr. Girand:

It is the prerogative of the client to select and designate the prime professional and to approve the collaborating professional selected for his project.

Motion carried.

After a thorough discussion on the subject of the practice of engineering and architecture by registrants under Arizona law, it was the opinion of the committee that no firm guidelines should be adopted at this time.

Mr. Girand informed the meeting that two members of the Arizona Consulting Engineers Association had been invited to attend the Board meeting on September 15th. The opinion was expressed that the dates of the Board meetings should receive wider publicity.

The meeting adjourned at 5:30 P.M.

UNFINISHED BUSINESS - Cont'd.

Mr. Vanlandingham and Mr. Girand discussed the legality of school boards hiring a contractor to build school buildings and the contractor then to hire an architect to design the building.

It was moved by Mr. Knickerbocker and seconded by Mr. Dryden that using proper verbage acquire from the attorney general a formal opinion relative to the legality of a public agency to select a contractor to design, build and supervise such a structure. Motion carried.

On the report regarding Hi-Corbett field project, the following motion was made by Mr. Girand and seconded by Mr. Dryden:

"It is the policy of the Board that it is the prerogative of the client to select and designate the prime professional and to approve the collaborating professionals selected for his project."

Motion carried with Mr. Vanlandingham abstaining.

It was moved by Mr. Girand and seconded by Dr. Newlin that the Executive Director consult with the Attorney General and draft a letter in answer to the letter of Mr. Merry in light of the action taken by this Board and their aforementioned motion. Motion carried.

It was moved by Mr. Vanlandingham and seconded by Mr. Girand that the Board establish no firm guidelines at this time. Motion carried.

Investigation of Tel-Engineering Services, ad directed by the Board at the June meeting, resulted in the letter as shown on Minute Page 3118. Mr. Drewry explained that this company works for the telephone company and does not do engineering. It was moved by Mr. Vanlandingham and seconded by Mr. Girand that the investigation of Tel-Engineering Services be dismissed. Motion carried with Mr. Knickerbocker abstaining.

At the June meeting, the Board directed the filing of a complaint with the appropriate county attorney regarding Don Woods of Sedona, Arizona. Further investigation by the office of the Board resulted in the letter as shown on Minute Page 3119 being written to Mr. Don Woods, and also reported to Dwight L. Busby, President, Central Arizona Chapter, AIA, who replied as shown on Minute Page 3120.

Mr. Wyatt remarked that the ever increasing use of the title "engineer" or "architect" when it implies professional service is clearly prohibited by our code of registration. It is my opinion that such use will continue to increase and become "custom and tradition" unless we take an appropriate stand with regard to the last sentence on page one of the Code. It appears that "plant engineering" and "operating engineering" are established by custom and tradition, as was "golf course architect" prior to our registration of Landscape Architects (Court of Appeals, Jackling vs Snyder, 3-11-66 page 63, paragraph 3). However, Zeno's Electrical Contracting & Engineering Co., Inc., implies a professional service, which use of the term is not established as custom and tradition. He pleads the excuse that he does not charge for the service. This is not a valid excuse, per State vs Beadle, Supreme Court 5-28-58, page 217, first paragraph. Appropriate steps should be taken to stop this use of terms.

September 6, 1972

RECEIVED

SEP 7 - 1972

STATE BOARD TECHNICAL REGISTRATION

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

Re: Complaint

Dear Mr. Drewry:

This letter is in response to your visit to our office, at which time we discussed a complaint that had been filed against us through your organization.

I wish to thank you very much for having brought this to our attention and for the courteous manner in which you explained this complaint to us.

Mr. Landreville and I have discussed this complaint and we take this opportunity to inform you, as we did during your visit with us, that Tel-Engineering does not solicit engineering work from the general public nor does it hold itself out to be a professional engineering firm with qualifications to do professional engineering type work. We wish to apologize for the error that was made by Mr. Sotelo in forwarding the letters that he did which brought about the complaint. Please accept this letter as our assurance to you that we will take every precaution to see that this occurrence does not happen again.

Again, please accept my apologies for the inconvenience that we may have caused your association or any of the professional people that are registered with your organization, or in the State of Arizona.

Yours very truly,

TEL-ENGINEERING SERVICES, INC.

George Kingston
 George Kingston
 General Manager

GK/vm

STATE OF ARIZONA

State Board of Technical Registration

03119

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
3550 N. CENTRAL AVENUE, SUITE 923
PHOENIX, ARIZONA 85012
271-4053

July 24, 1972

Mr. Don Woods
P. O. Box 773
Sedona, AZ 86336

Dear Mr. Woods:

At the regular meeting of the Board in June, it was reported that you are listed as an architect in the yellow pages of the Sedona telephone directory and in the Sedona-Oak Creek Chamber of Commerce directory, and that you had a sign in front of your office building, bearing the word architect.

As a result of an investigation which the Board requested, it was found that you have changed your sign and that it now reads, "houses designed and built by Don Woods and Red Phillips." You have also stated during our telephone conversation of July 20, 1972, that you have ordered your listing as an architect to be removed from the yellow pages of the telephone directory and the Chamber of Commerce directory, and that you are not offering to practice architecture by advertising or any other means.

In order that you may fully understand the seriousness of such advertising, a copy of the Code of the State Board of Technical Registration is enclosed. Your attention is directed to A.R.S. 32-145 as it appears on Page 11. You may also note that A.R.S. 32-144, A(4) on Page 10 describes the exemptions under which anyone is permitted to design buildings, structures, alterations or single family dwellings. A copy of the Rules of the Board is also enclosed for your general information.

Please contact our office if you have any questions pertaining to this section of the law.

Yours very truly,

ARIZONA STATE BOARD OF
TECHNICAL REGISTRATION



Edward G. Drewry
Executive Director

EGD/js

Enclosures



THE CENTRAL ARIZONA CHAPTER ... PHOENIX, ARIZONA
 THE AMERICAN INSTITUTE OF ARCHITECTS ... 2720 NORTH SIXTEENTH STREET

TELEPHONE 279-2248

NEW ADDRESS: 3124 North 3rd Ave.
 Phoenix, Az. 85013

RECEIVED

AUG 2 - 1972

STATE BOARD TECHNICAL REGISTRATION

August 1, 1972

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

Dear Ted:

We have received your letter of July 24 and copies of other pertinent correspondence.

The Board of Directors of the Central Arizona Chapter, AIA commends you on having followed through on the matter of Don Woods. Your prompt and firm course of action has brought about the end we hoped for -- that he should cease calling himself, and advertising as, an architect.

Thank you for your whole-hearted cooperation.

Cordially,

Dwight L. Busby

Dwight L. Busby, AIA
 President

DLB/br

NEW BUSINESS

Informal complaint from Dave Demaree regarding Zeno's AAA Electrical Contracting and Engineering Company was presented to the Board. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Executive Director make an investigation. Motion carried.

Second sworn complaint from Robert Levine against Cadmus L. G. Goss was presented and discussion followed.

It was moved by Mr. Dryden and seconded by Mr. Girand that the Chairman set a time and place for hearing on this matter and in so doing, Mr. Goss, Mr. Levine, Mr. Collins, Mr. Riddell (the investigator) and others are to be served a subpoena with their various information that each of them may have and that the hearing be held at that time. Motion carried.

Since the Western Zone meeting of N.C.E.E. is to be held in Phoenix on May 6-8, 1973, it was moved by Mr. Knickerbocker and seconded by Mr. Girand that Mr. Dryden be Chairman and Mr. Drewry as Vice-Chairman of a committee to prepare for this Western Zone meeting. Motion carried with Mr. Dryden and Mr. Bowsby voting nay.

It was moved by Mr. Girand and seconded by Mr. Dryden that Dr. Newlin be authorized to attend the Annual Meeting of Engineers' Council for Professional Development in Detroit, Michigan, on October 1-3, 1972. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Newlin that the following dates be adopted for the Board and committee meetings. Motion carried.

October 27, 1972 - Engineering Examination Committee to review
December examinations in Phoenix

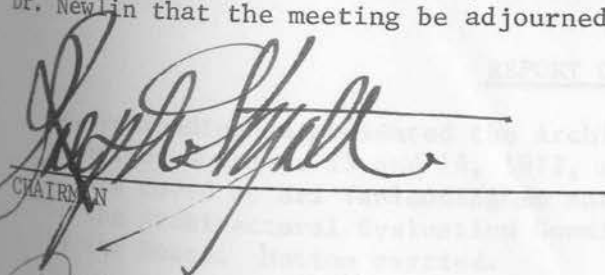
November 8, 9, - Engineering Evaluation Committee meeting
& 10, 1972 in Phoenix

November 13 & - Architectural and Landscape Architectural
14 (tentative) Evaluation Committee meeting in Phoenix

December 1, 1972 - Regular meeting of the Board in Phoenix

ADJOURNMENT

There being no further business, it was moved by Mr. Girand and seconded by Dr. Newlin that the meeting be adjourned at 2:35 P.M. Motion carried.


CHAIRMAN


SECRETARY

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

December 1, 1972

The meeting of the State Board of Technical Registration was called to order by Mr. Ralph L. Wyatt, Chairman, in the office of the Board, 3550 North Central Avenue, Suite 923, Phoenix, Arizona, at 9:00 A.M.

PRESENT

Ralph L. Wyatt, Chairman
 Robert G. Wallace, Vice-Chairman
 Robert M. Bowsby, Secretary
 C. W. Dryden
 John Girand
 James L. Knickerbocker
 Lew Place
 M. L. Vanlandingham
 Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

C. W. Newlin

It was moved by Mr. Girand and seconded by Mr. Place that the minutes of the meeting of the Board on September 15, 1972, be approved as presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No meetings and no report.

REPORT OF THE RULES & BY-LAWS COMMITTEE

At 1:30 P.M., Chairman Wyatt announced that it was the time and place for the public hearing in the matter of the proposed Rule changes.

Visitors attending this hearing were Messrs. Demaree, Sawyer and Fulton.

After considerable discussion, it was moved by Mr. Knickerbocker and seconded by Mr. Place that the proposed Rule changes as shown on Minute Pages 3123, 3124, 3125 and 3126 be so adopted. Motion carried with Mr. Girand abstaining.

REPORT OF THE LEGISLATIVE COMMITTEE

No report.

REPORT OF THE EVALUATION & EXAMINATION COMMITTEES

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of November 13 and 14, 1972, as shown on Minute Pages 3127 and 3128. It was moved by Mr. Vanlandingham and seconded by Mr. Place that the report of the Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Continued on Page 3129

State Board of Technical Registration

03123

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
 3550 N. CENTRAL AVENUE, SUITE 923
 PHOENIX, ARIZONA 85012
 271-4053

NOTICE OF ADOPTION OF PROPOSED RULES

Notice is hereby given that Arizona State Board of Technical Registration, pursuant to authority vested in it by A.R.S. 32-106,A(1), proposes, in numerical sequence, the following changes to the Rules:

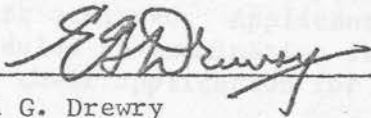
- Amend Rule I, A(3)
- Amend Rule II, A(1), (2) and (5)
- Amend Rule II, B(3) and (4)
- Repeal Rule II, B(6), (7) and (12)
- Adopt new Rule II, B(6), thence renumbering subsections 8, 9, 10, 11, 12 and 13 to 7, 8, 9, 10 and 11
- Repeal Rule II, C(2) and (3)
- Adopt new Rule II, C(2) and (3)
- Repeal Rule III, B(2)
- Adopt new Rule III, B(2)
- Amend Rule III, B(3)
- Amend Rule IV, B(3)

CONTEXT OF THE ABOVE CHANGES ARE AS ATTACHED

Notice is given that any person interested in the proposed changes in said regulations may present statements or arguments orally or in writing relevant to the action proposed at a hearing to be held at the meeting place of the Board, Suite 923, 3550 North Central Avenue, Phoenix, Arizona, at the hour of 1:30 P.M. on the 1st day of December, 1972.

DATED November 6, 1972

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION


 Edward G. Drewry
 Executive Director

RULE I. GENERAL RULES

A. Applications, General

3. Architectural applicants required to submit a treatise on seismic forces will not be scheduled for evaluation until the treatise has been submitted, satisfactorily graded and accepted by the Evaluation Committee.

RULE II. EXAMINATIONS

A. General Rules, Applicants for Registration

Initial Examination

1. Applicants for registration held for written examination as a result of initial Board action on their original application or re-application will be denied their application for registration and forfeit all application and examination fees if they fail to take their first scheduled written examination following notification of their being held for written examination. However, the Board may waive this rule when an applicant who is unable to take the first scheduled written examination notifies the Board at least ten days prior to the scheduled examination date and requests an extension in writing. Applicants for registration held for written examination pursuant to this rule, who have been granted an extension on the first scheduled written examination and who fail to take the next regularly scheduled written examination offered by the Board, shall have their application for registration denied.

Re-Examination

2. Applicants for registration who take the written examination pursuant to Rule II, A(1), and fail to achieve a passing grade will be allowed to re-examine. To be re-examined, applicants for registration must request re-examination thirty days prior to the next scheduled written examination date, by letter, and pay the scheduled re-examination fee for each part of the examination on which a passing grade was not achieved. Applicants who fail to request re-examination and pay the scheduled re-examination fees for two consecutive examination periods shall have their application for registration denied.

5. Written examinations will be given at a time and place established by the Board. The Board shall select and publish the examination dates and locations at least 90 days prior to the date selected.

B. General Rules, Applicants for Architect-in-Training, Engineer-in-Training, Geologist-in-Training, Landscape Architect-in-Training

3. Applicants for Architect-in-Training will be permitted to take the Architect-in-Training examination after graduation from an accredited architectural school. The graduates from an accredited architectural school

must obtain the signature of the Dean of the College of Architecture on their Architect-in-Training application form. Applicants without college degrees from an accredited architectural school desiring to enter the Architect-in-Training program will be permitted to apply after five years of architectural training under a registered architect by submitting an application to the Board bearing the approval and signature of the current employer. Permission to enter the in-training program, upon application, will be granted by the Architectural Evaluation Committee after review to determine that the applicant has the experience as outlined in the current standards of the National Council of Architectural Registration Boards in architectural work of a character satisfactory to the Board.

4. Architect-in-Training examinations will be given at a time and place designated by the Board. Application for the in-training examination and certification from graduates of an accredited architectural school must be received in the office of the Board at least thirty days prior to the scheduled date of the examination. Application for the in-training examination and certification from non-graduates requesting examination and certification under Rule I, B(3) must be received in the office of the Board at least sixty days prior to the date of the scheduled examination.

6. An Architect-in-Training may repeat any of the three sections of the Architect-in-Training examination. When the required years of satisfactory training have been attained, he will be given credit for all parts passed and may apply for professional registration. Upon action by the Board, he may then be held for the professional examination.

7. If an Engineer-in-Training passes the in-training examination, credit for Fundamentals of Engineering will be given him towards his full professional examination, but if he fails the in-training examination, no credit will be given.

8. At the time of application for professional registration, credit will be given for Fundamentals of Engineering to any graduate of an ECPD accredited engineering curriculum.

9. If a Geologist-in-Training passes the in-training examination, credit for Basic Geology will be given him towards his full professional examination, but if he fails the in-training examination, no credit will be given.

10. If a Landscape Architect-in-Training passes the in-training examination, credit for History and Theory; Planting, Design and Identification; and Landscape Architectural Design will be given him towards his full professional examination, but if he fails the in-training examination, no credit will be given.

11. All in-training certificates shall expire eight years after issuance.

C. Context of Written Examinations

2. Architect-in-Training -- The applicant is required to pass the first major section of the examination in architecture.

3. Architecture -- There are two major sections to the examination in architecture; namely, the equivalency examination and the professional examination. The equivalency examination consists of three parts which are Construction, Theory and Practice (8 hours); History, Theory and Planning (2 hours); Design (10 hours). Each of these three sections may be repeated if a passing grade is not achieved. Construction, Theory and Practice consists of three indivisible parts which are Structural; Construction Technology and Administration; and Environmental Control Systems. The professional examination is of 16 hours duration and may be repeated in total if a passing grade is not achieved. It consists of four indivisible parts which are Environmental Analysis; Architectural Programming; Design and Technology; and Construction. A passing grade of 75 percent will be required on each part of the examination.

RULE III. FEES

B. Examination Fees

2. ARCHITECT EXAMINATIONS

Equivalency Examination

Construction Theory & Practice.....	\$10.00
History, Theory & Planning.....	5.00
Design.....	15.00

Professional Examination.....\$50.00

3. EXAMINATIONS CONDUCTED FOR N.C.A.R.B.

1. Senior Examination.....	\$25.00
2. Personal Audience to complete NCARB certification on basis of written examination.....	15.00
3. Treatise on lateral forces.....	25.00
4. Resubmittal of treatise on lateral forces.....	25.00

RULE IV. PROFESSIONAL PRACTICE

B. A.R.S. 32-141

3. The principal of the firm or officer of the corporation residing in Arizona (Rule IV, B(1)) shall be assigned to the principal Arizona office of the firm or corporation. This principal may, at his discretion, operate other Arizona offices of the firm or corporation provided, however, that each office has in it a person registered under this Chapter. This regulation shall be interpreted to exempt only offices established to observe construction for conformance with contract documents and design.

DATE: November 21, 1972

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

The Architectural Evaluation Committee met on November 13 and 14, 1972, in Phoenix, Arizona, with the following members present:

Lew Place
 M. L. Vanlandingham
 Ralph L. Wyatt

The committee reviewed with the applicants who took the June, 1972, examinations their Site Planning and Architectural Design examinations which they had failed. Messrs. Jagers, Kelly and Griffin and Mrs. Baron indicated after their review they would re-examine in December. Mr. Pongraz was advised he should retake the examination in Michigan where he is now residing. The committee recommends to the Board that Edward Robert Pongraz, File No. 72-139, be denied registration in accordance with Rule I, A(6) which states that the Board does not grant registration to residents of other states.

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 architectural registration:

Baxter, David Raymond	72-317	Merkadeau, Ronald Morton	72-239
Bertelsen, Wendle R.	72-341	Mock, John Reginald	72-508
Bianchi, Richard Jesse	72-472	Morgan, John Peter	72-174
Boghosian, Harry Der	72-324	Morris, Frank Dale	72-380
Cunningham, Gene Clarkson	72-421	Osmon, Fred Linn	72-522
de Quesada, Jorge R.	72-520	Pedersen, Harlan Holger	72-422
Drake, Merton Paul	72-547	Raad, George K.	72-557
Edgar, R. Leon, Sr.	72-525	Renfro, Marvin W.	72-361
Flood, David Jay, Jr.	72-489	Rosenthal, Robert A.	72-332
Ginsberg, Marvin A.	72-432	Rowland, Danny Lee	72-412
Goulet, Douglas Louis	72-240	Santocono, Gale	72-467
Hansen, Leroy W.	72-290	Schuppel, William Henry	72-387
Holcomb, D. Warren	72-518	Scott, James Arthur	72-420
Inglis, Curtis Lee, Jr.	72-386	Sikes, Charles R., Jr.	72-434
Kemp, Richard Jay, Jr.	72-523	Simonson, Alfred Fenwick	72-443
Lewis, Marshall	72-507	Stimmel, William Edwin	72-274
Luckman, James McElroy	72-521	Sue, Edward Chee	72-559
Malcomb, William Earl	72-360	Tendas, Lone Nick	72-554
Manda, Glenn Harry	72-479	Wheeler, Richard George	72-475
Marshall, Thomas F.	72-442	Williams, Dell Marley	72-477
Reames, Louis Elwood	72-552	Woo, Young	72-444

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, 1972, written examinations:

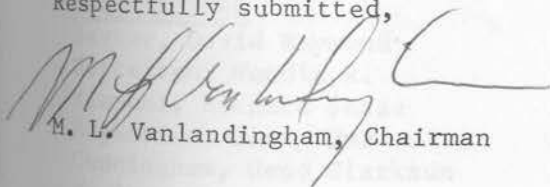
Albanese, Charles A.	72-524	C, D, E, F, G, H, I
Bigler, Robert Clark	72-553	C, D, E, F, G, H, I
Close, William James, Jr.	72-474	E, F, H, I
Freitas, Michael Dennis	72-270	C, D, E, F, G, H, I
Hall, Raleigh George	72-546	C, D, E, F, G, H, I
Honanie, Gilbert, Jr.	72-469	C, D, E, F, G, H, I
Huber, Delane C.	72-470	C, D, E, F, G, H, I
Jones, Jeremy Alan	72-509	D, E
Kozan, Eric Thomas	72-549	D, E, F, H
Liebi, Eric Trenton	72-344	C, D, E, F, G, H, I
McClung, Steven Lee	72-478	D, E, F, H
McClure, Joseph Edwin	72-427	C, D, E, F, G, H, I
Marcus, John Richard William	72-510	C, D, E, F, G, H, I
Micou, Ernest Venable	72-504	D, E, F, H
Miller, Leo Jerome	72-548	C, D, E, F, G, H, I
Papandrew, Thomas Paul	72-550	E
Seidner, Mark Wallace	72-476	D, E, F, H
Siefer, Stuart Bernard	72-491	C, D, E, F, G, H, I

III. The following applicant having been advised twice to submit his treatise and problem 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:

Wielage, Robert Cecil 72-168

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

Respectfully submitted,


M. L. Vanlandingham, Chairman

8611	Malcomb, William Paul	8612	Marshall, Thomas F.
8612	Marshall, Thomas F.	8613	Marshall, Thomas F.
8613	Marshall, Thomas F.	8614	Marshall, Thomas F.
8614	Marshall, Thomas F.	8615	Marshall, Thomas F.
8615	Marshall, Thomas F.	8616	Marshall, Thomas F.
8616	Marshall, Thomas F.	8617	Marshall, Thomas F.
8617	Marshall, Thomas F.	8618	Marshall, Thomas F.
8618	Marshall, Thomas F.	8619	Marshall, Thomas F.
8619	Marshall, Thomas F.	8620	Marshall, Thomas F.
8620	Marshall, Thomas F.	8621	Marshall, Thomas F.
8621	Marshall, Thomas F.	8622	Marshall, Thomas F.
8622	Marshall, Thomas F.	8623	Marshall, Thomas F.
8623	Marshall, Thomas F.	8624	Marshall, Thomas F.
8624	Marshall, Thomas F.	8625	Marshall, Thomas F.
8625	Marshall, Thomas F.	8626	Marshall, Thomas F.
8626	Marshall, Thomas F.	8627	Marshall, Thomas F.

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

Mr. Bowlsby presented the Landscape Architectural Evaluation Committee meeting report of November 13, 1972, as shown on Minute Page 3130. It was moved by Mr. Bowlsby and seconded by Mr. Dryden that this report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

Mr. Dryden, in the absence of the Chairman of the Committee, presented the Engineering Evaluation Committee meeting report of November 8, 9, and 10, 1972, as shown on Minute Pages 3131, 3132, 3133 and 3134. It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that this report of the Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Schedule of the Engineering Examinations in April, 1973, as shown on Minute Page 3135, was presented. It was moved by Mr. Dryden and seconded by Mr. Wallace that this schedule be approved as presented. Motion carried.

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

Becker, Byron Hicks	72-385	Architect
Bollwinkel, Teddy Walker	72-260	Architect
Eiselt, Richard Henry	72-384	Architect
Garst, Delbert Dale	71-202	Land Surveyor
Manera, Paul A.	71-489	Civil Engineer
Novikoff, George Victor	72-349	Civil Engineer
Perkins, John Irving	72-261	Architect
Seracuse, Jerome Mario	72-271	Architect
Wilson, Edwin Bruce	72-408	Civil Engineer

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

ARCHITECTURE

Baxter, David Raymond	8611
Bertelsen, Wendle R.	8612
Bianchi, Richard Jesse	8613
Boghossian, Harry Der	8614
Cunningham, Gene Clarkson	8615
de Quesada, Jorge R.	8616
Drake, Merton Paul	8617
Edgar, R. Leon, Sr.	8618
Flood, David Jay, Jr.	8619
Ginsberg, Marvin A.	8620
Goulet, Douglas Louis	8621
Hansen, Leroy W.	8622
Holcomb, D. Warren	8623
Inglis, Curtis Lee, Jr.	8624
Kemp, Richard Jay, Jr.	8625
Lewis, Marshall	8626
Luckman, James McElroy	8627

ARCHITECTURE - Cont'd.

Malcomb, William Earl	8628
Manda, Glenn Harry	8629
Marshall, Thomas F.	8630
Merkadeau, Ronald Morton	8631
Mock, John Reginald	8632
Morgan, John Peter	8633
Morris, Frank Dale	8634
Osmon, Fred Linn	8635
Pedersen, Harlan Holger	8636
Raad, George K.	8637
Reames, Louis Elwood	8717
Renfro, Marvin W.	8638
Rosenthal, Robert A.	8639
Rowland, Danny Lee	8640
Santocono, Gale	8641
Schuppel, William Henry	8642
Scott, James Arthur	8643

DATE: November 21, 1972

TO: State Board of Technical Registration

FROM: Landscape Architectural Evaluation Committee

SUBJECT: Evaluation of Applicants

The Landscape Architectural Evaluation Committee met on November 13, 1972, 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:

- Barwick, David Handel 72-382
- Freese, Bernard John 72-512

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 examination indicated:

Applicant held for the December, 1972, examinations:

- Ashworth, Dean Frampton 72-416 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. Bowlsby
 Robert M. Bowlsby, Chairman

STATE BOARD OF TECHNICAL REGISTRATION - CHAIRMAN
 Deputy Chairman
 Registrar, Shelley Brown
 Director, James Tracy, II
 Secretary, William Jones
 Assistant, Jerry Allen
 Counsel, James Brock
 Director, Fred, Jr.
 Director, Kenneth Harris
 Director, Michael Adams
 Director, Robert Earl
 Director, Andrew Prosser, Jr.
 Director, James Davis

Mr. William Frank, III
 Mr. Kenneth Smith
 Mr. Robert Murray
 Mr. William G.
 Mr. James L.
 Mr. James Miller

72-453
 72-464
 72-382
 72-377
 72-401
 72-425
 72-423
 72-405
 72-422
 72-428
 72-428
 72-427
 72-432

DATE: November 22, 1972

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

The Engineering Evaluation Committee met on November 8, 9, and 10, 1972, in Phoenix, Arizona, with the following members present:

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

The following applicants appeared for re-review and reconsideration of the Board's initial action:

Amit Peles, Industrial Engineer, File #72-308, requested waiver of Parts 1 and 2 of the examination for which he was held. The committee recommends that the Board reaffirm its previous action.

Chadwin H. Peirce, Civil Engineer, File #71-482, who was held for the written examination and failed Parts 3 and 4 of the April, 1972 examination, subsequently passed the examination in Utah. The committee recommends Mr. Peirce be granted registration on the basis of passing Parts 3 and 4 in Utah.

William P. Collon, Highway Engineer, File #66-239, requested waiver of Part 3 of the examination which he had failed numerous times. The committee recommends that waiver of this part of the examination not be granted.

The committee reviewed the following applicants and make to the Board the recommendations shown regarding their professional registration in Arizona:

- The following applicants having appeared before the committee and satisfied the committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126 are hereby recommended for registration:

CIVIL ENGINEERING

Allen, R. Leonard	72-355
Anderson, Donald Nicholas	72-404
Anderson, Donald Robert	72-392
Brizendine, George A.	72-337
Bruggeman, Arthur William	72-450
Burton, William Frank, III	72-425
Chavez, Fernando David	72-423
Chow, Rodney Harvey	72-405
Clair, Britton L.	72-462
Corkran, Frank Larkin	72-428
Dorre, James Edwin	72-413
Emanuel, James Tucker	72-438

CIVIL ENGINEERING - Cont'd.

Engel, Guenther W.	72-376
Erickson, Charles Thomas	72-459
Gaffey, John Tracy, II	72-451
Ghormley, William James	72-433
Jelinek, Jerry Allen	72-497
Jensen, Dennes Boock	72-359
Kasper, Fred, Jr.	72-351
Kirk, Kenneth Melvin	72-364
Lewter, Michael Edward	72-395
Littell, Robert Earl	72-391
Lowery, Emerson Frederick, Jr.	72-495
Reynolds, James Curtis	72-426

Continued.....

I. Continued

CIVIL ENGINEERING - Cont'd.

Ritoch, John Michael	72-492
Rittenhouse, Gary E.	72-93
Sanders, Richard	72-403
Santizo, Luis Rene	72-393
Stafford, Jerry Charles	72-499
Starnier, John Ainsley	72-529
Tebbens, Jack Phillip	72-483
Toro, Bruce Robert	72-485
Warwick, Putnam R.	72-372
Watson, Dennis Paul	72-368
Wooldridge, Charles Adrian	72-327
Young, Ben Wiley	72-296

ELECTRICAL ENGINEERING

Beals, Dennis Frank	72-466
Brooks, James Richard	72-347
Caldwell, Ralph Winston	72-445
Dumble, William James	72-439
Kaplan, Hyman Max	72-346
McRae, Don A.	72-76
Puccio, Steve Vincent	72-482
Rom, William Joseph	72-375

MECHANICAL ENGINEERING

Church, Bruce Edward	72-113
Greyson, Richard DeVoe	72-463
Jensen, Allan Preben Nygaard	72-276(re-regis. #5200)
Jones, Clarence Rollins	72-264

MECHANICAL ENGINEERING - Cont'd.

Ladner, Robert J.	72-369
Poole, William Gordon	72-502
Vallance, Robert David	72-486

METALLURGICAL ENGINEERING

Keating, Kenneth Lee	72-464
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MINING ENGINEERING

Straton, John William	72-304
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STRUCTURAL ENGINEERING

Brewster, Hugh B.	72-348
Erickson, Charles Thomas	72-460
Jervis, Peter Harry	72-430
Krause, Robert David	72-182

GEOLOGY

Baez, Cesar Paulino	72-528
Birman, Joseph Harold	72-356
Slosson, James Edward	72-370

LAND SURVEYING

Carney, James Henry	72-305
Lehti, Robert William	72-334
Wooldridge, Charles Adrian	72-328

- 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, 1972, written examinations:CHEMICAL ENGINEERING

Boyle, Thomas J.	72-396	Parts 3 and 4
Palomino, Gilbert Ernest	72-378	Parts 3 and 4

CIVIL ENGINEERING

Beene, James Ralph	72-431	Parts 3 and 4
Castillo, Eduardo	72-400	Parts 3 and 4
Chalaby, Barsoum Farag Barsoum	72-455	Parts 3 and 4
Copeland, Gerald Rice	72-429	Parts 3 and 4
Dossey, Ray	72-357	Parts 1, 2, 3 and 4
Eagar, Terry Sherwood	72-484	Parts 3 and 4
Fletcher, Edward Cass	72-436	Parts 3 and 4
Guthrie, Edward Donald	72-336	Parts 3 and 4
Helmhout, Norman Emery	72-501	Parts 3 and 4
Huckabay, Darrel J.	72-401	Parts 3 and 4
Jacobs, Carley William	72-458	Parts 3 and 4

Continued.....

II. Continued

CIVIL ENGINEERING - Cont'd.

Jencsok, Eugene I.	72-500	Parts 1, 2, 3 and 4
Jolly, Billy Rex	72-449	Parts 3 and 4
Sloat, Donald Walter	72-418	Parts 3 and 4
Stramandinoli, Francis Edward	72-461	Parts 3 and 4
Tomasso, Robert Joseph	72-457	Parts 3 and 4
Troyer, Brian Marshall	72-503	Parts 3 and 4
Vlastelich, Rudolph John	72-448	Parts 3 and 4
Winters, Daniel Brian	72-390	Parts 3 and 4

ELECTRICAL ENGINEERING

Bell, Daniel Grafton	72-437	Part 4
Blixt, Richard Elmer	72-516	Parts 3 and 4
Bolster, Paul D.	72-454	Parts 3 and 4
Merett, Robert Gene	72-394	Parts 3 and 4
Schreiber, Martin Bishop, Jr.	72-488	Parts 3 and 4
Valenzuela, Humberto	72-496	Parts 1, 2, 3 and 4

GEOPHYSICAL ENGINEERING

Wieduwilt, William Gordon	72-414	Parts 3 and 4
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HIGHWAY ENGINEERING

Nelson, Donald C.	72-374	Parts 1 and 2
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INDUSTRIAL ENGINEERING

Khanna, Hari Narayan	72-410	Parts 1, 2, 3 and 4
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MECHANICAL ENGINEERING

Christiansen, Don Thorley	72-526	Parts 3 and 4
Fromm, Richard George	72-352	Parts 3 and 4
John, James C.	72-354	Parts 1, 2, 3 and 4
Larson, Raoul Eric	72-399	Parts 3 and 4
Leivian, Robert Joseph	72-465	Parts 3 and 4
Lunceford, Donivan Lavern	72-456	Parts 3 and 4

METALLURGICAL ENGINEERING

Moos, Stanley Maxwell	72-407	Parts 3 and 4
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MINING ENGINEERING

Navin, Stephen Joseph	72-353	Parts 3 and 4
Summers, David Messinger	72-435	Parts 3 and 4

SANITARY ENGINEERING

Allen, George Lewis, Jr.	72-440	Parts 3 and 4
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STRUCTURAL ENGINEERING

Dille, Joseph Carl	72-446	Parts 5 and 6
Ong, Benjamin W.	72-367	Parts 5 and 6
Whittlesey, Gerald Blair	72-366	Parts 5 and 6

GEOLOGY

Corn, Russell Morrison	72-350	Parts 3 and 4
Handverger, Paul Atwill	72-397	Parts 3 and 4
Lehner, Robert Eugene	72-415	Parts 3 and 4

Continued.....

II. Continued

LAND SURVEYING

Albert, Adow Deygher	72-358	Parts 1, 2, 3 and 4
Bedford, Dennis Wayne	72-419	Parts 1, 2, 3 and 4
Latham, James C.	72-398	Parts 1, 2, 3 and 4
Streich, Richard E.	72-452	Parts 1, 2, 3 and 4
Tucker, George Monroe	72-447	Parts 1, 2, 3 and 4
Wolf, Lloyd Arthur, Jr.	72-371	Parts 1, 2, 3 and 4

Applicants held for the April, 1973, written examinations:CIVIL ENGINEERING

Fox, Delmar Eugene	72-411	Parts 3 and 4
Schmidt, Ernest	72-453	Parts 1, 2, 3 and 4
Wier, Michael Paige	72-373	Parts 1, 2, 3 and 4

ELECTRICAL ENGINEERING

Ormsby, Lester S.	72-389	Parts 3 and 4
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MECHANICAL ENGINEERING

Adams, Stanley Dean	72-494	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 to the Board that he be denied for failure to complete the requirements of the Board within a reasonable length of time:

Smith, Robert Eugene	72-183	Mechanical Engineer
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The committee recommends to the Board that the recommendations of this report be accepted and implemented.

Respectfully submitted,

Charles W. Newlin
Charles W. Newlin, Chairman

I. SATURDAY, APRIL 14, 1973

TEMPE, ARIZONA - Report to Room G 150, Ground Floor of the Engineering Center at ARIZONA STATE UNIVERSITY. Room 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 15, 1973

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

TUCSON, ARIZONA - Report to Rooms 301 and 303 of the Civil Engineering Bldg. at the UNIVERSITY OF ARIZONA.

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

Part III - Engineering Analysis - all branches of engineering.

Part III - Applied Geology.

Part III - Land Surveying Rules and Regulations.

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

Part IV - Engineering Design - all branches of engineering.

Part IV - Geological Problems.

Part IV - Land Surveying Legal Principles.

III. MONDAY, APRIL 16, 1973

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

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

Part V - Comprehensive Engineering Design - Structural Engineers

Part VI - Structural Engineering Design - Structural Engineers

ARCHITECTURE - Cont'd.

Sikes, Charles R., Jr.	8644
Simonson, Alfred Fenwick	8645
Stimmel, William Edwin	8646
Sue, Edward Chee	8647
Tendas, Leon Nick	8648
Wheeler, Richard George	8649
Williams, Dell Marley	8650
Wood, Young	8651

CIVIL ENGINEERING

Allen, R. Leonard	8652
Anderson, Donald Nicholas	8653
Anderson, Donald Robert	8654
Brizendine, George A.	8655
Bruggeman, Arthur William	8656
Burton, William Frank, III	8657
Chavez, Fernando David	8658
Chow, Rodney Harvey	8659
Clair, Britton L.	8660
Corkran, Frank Larkin	8661
Dorre, James Edwin	8662
Emanuel, James Tucker	8663
Engel, Guenther W.	8664
Erickson, Charles Thomas	8665
Gaffey, John Tracy, II	8666
Ghormley, William James	8667
Jelinek, Jerry Alan	8668
Jensen, Dennes Boock	8669
Kasper, Fred, Jr.	8670
Kirk, Kenneth Melvin	8671
Lewter, Michael Edward	8672
Littell, Robert Earl	8673
Lowery, Emerson Frederick, Jr.	8674
Peirce, Chadwin Harvey	8675
Reynolds, James Curtis	8676
Ritoch, John Michael	8677
Rittenhouse, Gary E.	8678
Sanders, Richard Lewis	8679
Santizo, Luis Rene	8680
Stafford, Jerry Charles	8681
Starner, John Ainsley	8682
Tebbens, Jack Phillip	8683
Toro, Bruce Robert	8684
Warwick, Putnam R.	8685
Watson, Dennis Paul	8686
Wooldridge, Charles Adrian	8687
Young, Ben Wiley	8688

ELECTRICAL ENGINEERING

Beals, Dennis Frank	8689
Brooks, James Richard	8690
Caldwell, Ralph Winston	8691
Dumble, William James	8692
Kaplan, Hyman Max	8693
McRae, Don A.	8694
Puccio, Steve Vincent	8695
Rom, William Joseph	8696

MECHANICAL ENGINEERING

Church, Bruce Edward	8697
Greyson, Richard DeVoe	8698
Jensen, Allan Preben Nygaard	5200 (re-reg)
Jones, Clarence Rollins	8699
Ladner, Robert J.	8700
Poole, William Gordon	8701
Vallance, Robert David	8702

METALLURGICAL ENGINEERING

Keating, Kenneth Lee	8703
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MINING ENGINEERING

Straton, John William	8704
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STRUCTURAL ENGINEERING

Brewster, Hugh B.	8705
Erickson, Charles Thomas	8706
Jervis, Peter Harry	8707
Krause, Robert David	8708

GEOLOGY

Baez, Cesar Paulino	8709
Birman, Joseph Harold	8710
Slosson, James Edward	8711

LANDSCAPE ARCHITECTURE

Barwick, David Handel	8712
Freese, Bernard John	8713

LAND SURVEYING

Carney, James Henry	8714
Lehti, Robert William	8715
Wooldridge, Charles Adrian	8716

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

ENGINEER-IN-TRAINING

Allen, Gregory Leslie	1147	Hansen, Larry Bruce	1151
Arbaugh, Mary Louise	1148	Lamson, Edward William	1152
Boyd, Donald Robert	1156	Mancuso, Paul D.	1153
Dahlke, Robert William	1149	Robertson, William A.	1154
Ford, David C.	1150	Sotelo-Garza, Danilo	1155

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Knickerbocker reported that the NCEE certification procedure is being improved by annual updating and will become similar to NCARB certification. While this is expected to be an advantage to the applicant and to the office of the Board, it requires further development before he will be ready to recommend its acceptance by the Board.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director reported on the increased volume of applications, examinations and registrations.

Cash Flow Report #2 is as shown on Minute Page 3138.

READING OF COMMUNICATIONS

Letter from J. H. Birman, applicant, as shown on Minute Page 3139, commending the Arizona Board, was presented for the Board's information.

Letter from Thane H. Baldwin, Jr., regarding civil engineers and land surveying, as shown on Minute Page 3140, was presented. After consideration of Mr. Baldwin's letter, it was decided that he be informed that his letter has been brought to the attention of the Board.

Letter from Dr. J. C. Mehrhoff, Dean, College of Engineering and Technology, Northern Arizona University, regarding their position of engineering technology students seeking to take the EIT examination, as shown on Minute Page 3141, was presented. The Board expressed appreciation for Dean Mehrhoff's letter which was previously acknowledged by the Executive Director.

Craig Walling, Chairman of the AIA Plans Review Committee, had requested a meeting between the committee and the Board. However, the Review Committee informed the meeting by telephone that the members were unable to attend this meeting as planned. The Chairman directed that the committee be invited to attend a subsequent meeting.

CASH FLOW REPORT - #2

03138

DATE: November 30, 1972

Balance on Deposit as of July 1, 1972 - \$99,279.41
 Balance on Deposit as of Report Date - \$156,618.18
 Total Allocated Receipts to Technical Fund as of Report Date - \$57,338.77
 Technical Fund Balance as of Report Date - \$126,707.10

LUMP SUM APPROPRIATED

\$96,496.00

Code	Expenditures	Amount
7112.0	Salaries	\$16,823.70
7151.0	Industrial Insurance	17.90
7153.0	FICA	492.56
7155.0	State Retirement	841.20
7159.0	Personnel Commission	33.75
7216.0	Data Processing	591.79
7220.0	Travel - State	192.80
7230.0	Travel - Out of State	869.84
7251.0	Rent - Office	3,810.48
7259.0	Rent - Auditorium	5.00
7272.0	Maintenance & Repairs	104.77
7280.0	Office Supplies	1,419.03
7331.0	Photographs	6.22
7333.0	Report & Recording	97.00
7334.0	Postage & Meter	1,428.47
7335.0	Telephone	509.25
7342.0	Rent - Xerox	182.70
7360.0	Dues & Subscriptions	40.60
7913.0	Revolving Fund	100.00
7921.0	Refunds	<u>49.50</u>

Amount Spent to Date

27,621.06

Balance of Appropriated Monies

\$68,874.94



03139

RECEIVED
NOV 13 1972
STATE BOARD TECHNICAL REGISTRATION

November 9, 1972

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

Dear Mr. Drewry:

I wish to express my appreciation to you and to the Board for the courtesy and sincerity with which I was received during my interview on November 8th. Anyone who works hard to understand the laws, must acquire deep respect for the wisdom and intent of Arizona registration. I found this a very meaningful experience which increased all the more my desire to achieve registration in your state. You may be sure that if I am granted registration I will do my best to maintain the standards required by law and professional ethics.

I would also like to comment on the quality of the written test. Having been in the education business for many years, I know how difficult it is to design multiple choice questions which test real understanding. Your test was an excellent sampling of the material, it was clear, and it required application as well as in-depth knowledge of the laws.

In summary, if I receive a certificate of registration from Arizona, it will be mounted on my wall not beneath my California certificate but beside it at the same elevation.

Sincerely yours,

J. H. Birman

Respectfully submitted,
Thomas H. Baldwin, Jr.
Thomas H. Baldwin, Jr.

* THERMAL
EXPLORATION

THANE H. BALDWIN, JR.

CIVIL ENGINEER
ROUTE 1, BOX 5
WELLTON, ARIZONA 85356

27 October 1972.

03140

RECEIVED

OCT 30 1972

STATE BOARD TECHNICAL REGISTRATION

Arizona State Board of
Technical Registration,
3550 North Central, Suite 923,
Phoenix, Arizona 85012.

Gentlemen:

I have your letter of March 25, 1971 in answer to my letter to you of February 4, 1971. I am compelled to advise you that your Board's answer is totally unacceptable. I herewith resubmit my letter of February 4th and again request that your Board enforce the provisions of Statute Law and your Code, and to amend your By-Laws to eliminate the acceptability of Civil Engineers practicing land surveying "by custom and tradition" rather than by a demonstration of competency. This policy is not in the best interest of either of the professions. Neither is it in the best interest of the Public. It is for the best interest of the Public that your Board was established by Arizona Statute, and it is your solemn obligation to act in the best interest of the Public. The time has long since passed when we can afford to let this serious problem go unresolved by cloaking it in the policy of "custom and tradition".

If the Statute is a good Statute, it should be zealously enforced. If it is not a good Statute, it should be properly amended or it should be repealed. The fees paid by your registrants are paid in good faith that the interests of both of the professions and of the Public be best served. Custom and tradition cannot longer be condoned as a yardstick for competency. To do so is a disservice to all concerned and a dereliction of your solemn duty.

I enclose for your consideration a copy of a news release to be found at page 52 of the October 1971 issue of 'Consulting Engineer' magazine.

Your re-examination of this problem and a favorable report are anticipated.

Respectfully submitted,



Thane H. Baldwin, Jr.

Certified Mail
Return Receipt



03141

Northern Arizona University · FLAGSTAFF, ARIZONA 86001

COLLEGE OF ENGINEERING & TECHNOLOGY
OFFICE OF THE DEAN

October 26, 1972

RECEIVED

OCT 27 1972

STATE BOARD TECHNICAL REGISTRATION

Mr. Edward Drewry, Exec. Sec.
Arizona State Board of Technical Registration
Suite 408
3550 N. Central Ave.
Phoenix, Arizona 85012

Dear Mr. Drewry:

Recently we have seen evidence of some of our Engineering Technology Graduates seeking to take the EIT Examination. Some have looked to this office for recommendations, and in every case have been notified that they do not possess proper educational qualifications for this examination. They have been discouraged from pursuance of this objective with the admonition that they should have enrolled in an engineering program if they aspired to becoming a registered engineer. They have also been advised that our Undergraduate Engineering Technology Program is not designed or intended to prepare them for the EIT, and we refuse in any way to make any such implication.

Consequently, this letter is intended to be a formal notification of our position to the State Board of Technical Registration.

Sincerely yours,

J. C. Mehrhoff, Dean

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UNFINISHED BUSINESS

As directed at the September Board meeting, a formal opinion was requested from the Attorney General.

Following a discussion that laws not under the jurisdiction of the Board might affect the Attorney General's opinion, it was moved by Mr. Girand and seconded by Mr. Place that the letter from the Attorney General be returned for clarification. Motion carried. It was then moved by Mr. Place and seconded by Mr. Girand that a copy of the revised opinion be sent to Mr. Merry with a letter of transmittal. Motion carried.

The revised Attorney General's opinion is as shown on Minute Pages 3143 and 3144.

NEW BUSINESS

Mr. Rene D. G. Crouch, Civil Engineer applicant, File #72-589, appeared before the Board and requested early registration. It was resolved that a special meeting be called to consider his application for registration when the file has been completely processed.

Discussion was requested on the NCEE Suggested Model Rules of Professional Conduct for Adoption by State Registration Boards. It was moved by Mr. Girand and seconded by Mr. Bowlsby that a committee be appointed to review these rules and make recommendations to the next meeting. The Chairman then appointed the following Board members to that committee: C. W. Dryden, John Girand, James L. Knickerbocker, Lew Place and M. L. Vanlandingham. Motion carried.

Discussion was requested on whether all examinations given should be restricted. It was moved by Mr. Dryden and seconded by Mr. Bowlsby that the current method of operation be retained. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Girand that the Chairman call a special meeting of the Board at such time that all the professional engineering exams have been graded and reviewed by the examination committee. Motion carried.

ADJOURNMENT

It was moved by Mr. Dryden and seconded by Mr. Vanlandingham that the meeting be adjourned at 2:05 P.M. Motion carried.

N.C.S. § 32-142 A provides that architectural drawings, plans, specifications and estimates for public works be prepared by or under the personal direction of a qualified architect and that the architectural category of the construction of such works be secured under the direct supervision of a qualified architect. This section concerns only the fact that the architectural work must be performed and supervised by an architect. It is a public welfare and safety measure and it has no concern with the question of who employs the architect.



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

03143

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

December 11, 1972

RECEIVED

DEC 12 1972

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
3550 North Central Avenue, Suite 923
Phoenix, Arizona 85012

Re: A.R.S. § 32-142 A.

Gentlemen:

This is in reply to your letter of September 28, 1972 wherein you state that a School Board in Arizona has engaged a building contractor to construct an elementary school and that the contractor then engaged a registered architect to perform the architectural services. You ask whether the fact that the architect was engaged by the contractor and not directly by the school board constitutes a violation of A.R.S. § 32-142 A. That section provides that:

"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."

A.R.S. § 32-142 A provides that architectural drawings, plans, specifications and estimates for public works be prepared by or under the personal direction of a qualified architect and that the architectural category of the construction of such works be executed under the direct supervision of a qualified architect. This section concerns only the fact that the architectural work must be performed and supervised by an architect. It is a public welfare and safety measure and it has no concern with the question of who employs the architect.

State Board of Technical Registration
December 11, 1972
Page Two

We trust this will be helpful to you. If you have
any further questions, please let us know.

Sincerely,

GARY K. NELSON
The Attorney General


Stirley Newell Cantor

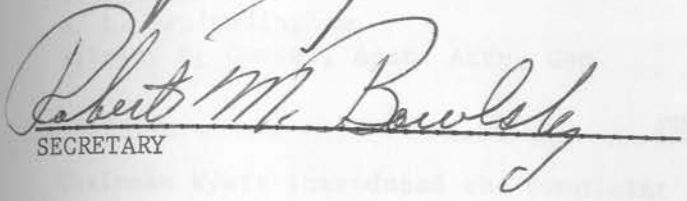
STIRLEY NEWELL CANTOR
Assistant Attorney General

SNC:lh

ADJOURNMENT

It was moved by Mr. Dryden and seconded by Mr. Vanlandingham that the meeting be adjourned at 2:05 P.M. Motion carried.


CHAIRMAN


SECRETARY

...the Board was represented by Stirling H. Cantor, Chairman, Attorney General...
...the following witnesses who had been sworn a day or two before...
...in behalf of the Board:
John G. Collins
W. B. Carter
Richard D. Kibbell
...The hearing was conducted and testimony by the three respondents...
...of the Board's advisory surveys which the respondent had requested...
...County, Arizona, for Universal Properties, Inc.
...The analysis of all testimony, the Chairman advised the respondent...
...before the Board's deliberation, it was moved by Mr. Vanlandingham and...
...seconded by Mr. Kitcherbocker that the respondent, George L. Goss be...
...found guilty as charged in Complaint No. 75237 and the respondent's...
...registration be suspended for a period of 120 days. Motion carried unanimously.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

January 19, 1973

The special meeting of the State Board of Technical Registration was called to order by Mr. Ralph L. Wyatt, Chairman, in the Auditorium, Room 315, United Bank Building, 3500 North Central Avenue, Phoenix, Arizona, at 9:00 A.M., January 19, 1973.

PRESENT

Ralph L. Wyatt, Chairman
 Robert G. Wallace, Vice-Chairman
 Robert M. Bowlsby, Secretary
 C. W. Dryden
 John Girand
 James L. Knickerbocker
 Charles W. Newlin
 M. L. Vanlandingham
 Stirley N. Cantor, Asst. Atty. Gen.

ABSENT

Low Place

FORMAL HEARING

Chairman Wyatt introduced the Complaint No. 72003 in the matter of Cadmus L. G. Goss, a registered Land Surveyor, No. 5096.

Respondent Cadmus L. G. Goss indicated he was present and was represented by his counsel, Richard Herbert.

The Board was represented by Stirley N. Cantor, Assistant Attorney General.

The Chairman asked for approval of waiving of reading the complaint which was approved by the respondent. The Chairman advised the respondent that if the Board found him guilty of the charges in the complaint, he would have thirty-five days in which to file an appeal after notification of the Board's decision.

The hearing was transcribed by George Jones, Court Reporter, and he swore in the following witnesses who had been served a Subpoena Duces Tecum on behalf of the Board:

John S. Collins
 G. D. Carter
 Richard D. Riddell

The hearing was conducted and testimony by the above indicated discrepancies of the boundary surveys which the respondent had recorded with the Cochise County Recorder of Units 10, 11 and 12 of the Twin Lakes Country Club in Cochise County, Arizona, for Universal Properties, Inc.

At the conclusion of all testimony, the Chairman advised the respondent Cadmus L. G. Goss he would be notified of the Board's decision.

After the Board's deliberation, it was moved by Mr. Vanlandingham and seconded by Mr. Knickerbocker that the respondent Cadmus L. G. Goss be found guilty as charged in Complaint No. 72003 and his certificate of registration be suspended for a period of 120 days. Motion carried unanimously.

At 1:30 P.M., Chairman Wyatt called the special meeting to order and Mr. John Stitzer, representing the American Congress on Surveying and Mapping appeared before the Board.

Mr. Stitzer explained he was making this appearance to seek the Board's assistance in the implementation of House Bills 2027 and 2028 for recording Record of Survey and Record of Monumentation with the County Recorders. Mr. Dryden suggested they contact Mr. Henry Ochs of the Colorado State Board as to their standardization procedures as they have had a similar law for two or three years.

Mr. Stitzer stated that in order to make the land surveyors and civil engineers aware of this new law, he was also here to ask for a mailing list from the Board's records.

It was moved by Mr. Dryden and seconded by Mr. Wallace that the Board grant American Congress on Surveying and Mapping permission to use our mailing list if available. Motion carried.

Mr. Stitzer thanked the Board for their assistance and said they would contact the Department of Finance for the mailing list.

The A.I.A. Plans Review Committee, composed of Craig Walling, Chuck Pearson and James Fulton, Architects and Carl Adam, Structural Engineer, appeared before the Board.

Mr. Walling gave a little of the history of how this committee was formed and how they reviewed the plans which had been submitted to the City of Phoenix by their peers. At first, these plans were not a matter of public record but this has been rescinded and the committee may review the plans. Since they found so many of the plans which needed rejecting due to not meeting the codes established, the committee is seeking of the Board any suggestions for resolving the matter.

It was suggested that they file a complaint when they had enough evidence for the Board to hold a hearing as outlined in A.R.S. 32-128.

Discussion followed as to the fact of whether it can be an oral or written complaint. It was moved by Dr. Newlin and seconded by Mr. Dryden that the Chairman instruct the Executive Director to get an opinion from the Attorney General whether the name of the oral complainant be a matter of record. The motion carried with four ayes and 3 nays.

It was moved by Mr. Dryden and seconded by Mr. Girand that if this committee finds a set of plans, they give them to our Executive Director, and the Board will assist the committee in every possible way they can. Motion carried.

Mr. Walling then thanked the Board and expressed appreciation of their time.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

Dr. Newlin presented two applicants for consideration of granting registration and who had had their personal audience.

It was moved by Dr. Newlin and seconded by Mr. Dryden that Rene' deCourcy Goodman Crouch, be granted registration in Civil Engineering, and assigned the registration number 8718. Motion carried.

It was moved by Dr. Newlin and seconded by Mr. Dryden that Robert Owen Grimes, be granted registration in Civil Engineering, and assigned the registration number 8719. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Knickerbocker that the following dates for meetings be adopted. Motion carried.

February 20 and 21, 1973 - Architectural and Landscape Architectural Evaluation Committee meeting in Phoenix; afternoon of the 21st to grade December exams and review results from ETS.

February 22, 23, 26 and 27, 1973 - Engineering Evaluation Committee meeting in Phoenix; afternoon of the 27th review December exam results.

March 2, 1973 - Engineering Examination Committee meeting in Phoenix to review April examination questions.

March 16, 1973 - Regular meeting of the Board in Tucson.

A letter from Lacy Greer was presented regarding the County Engineer of Navajo County. Mr. Dryden suggested that Mr. Duane Walker be written to by the Executive Director regarding our law. The Chairman so directed.

Chairman Wyatt adjourned the meeting at 3:00 P.M.

Robert M. Bawls
CHAIRMAN
Robert M. Bawls
SECRETARY

REPORT OF THE ARCHITECTURAL EVALUATION COMMITTEE

REPORT OF THE ARCHITECTURAL EVALUATION COMMITTEE

During the regular meeting of the Board of Technical Registration held on March 2, 1973, as shown on Minutes Page 313 - 314, a report was presented by Mr. Place that the report of the Architectural Evaluation Committee meeting be accepted and implemented. The minutes of the Architectural Evaluation Committee, in June 1972, were presented on Minutes Page 313 and 314. It was moved by Mr. Verdundingham seconded by Mr. Place that these schedules be accepted as presented.

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

MARCH 16, 1973

The meeting of the State Board of Technical Registration was called to order by Mr. Ralph L. Wyatt, Chairman, in the Matador Room of the Ramada Inn in Tucson, Arizona, at 9:15 A.M.

PRESENT

- Ralph L. Wyatt, Chairman
- John Girand
- James L. Knickerbocker
- C. W. Newlin
- Lew Place
- M. L. Vanlandingham

ABSENT

- Robert G. Wallace, Vice-Chairman
- Robert M. Bowsby, Secretary
- C. W. Dryden

GUEST

- A. R. Turk

Chairman Wyatt indicated that there was a quorum present and welcomed the guest Mr. Turk to the meeting.

It was moved by Mr. Knickerbocker and seconded by Dr. Newlin that the minutes of the meeting of the Board on December 1, 1972, be approved as presented. Motion carried.

It was moved by Mr. Knickerbocker and seconded by Mr. Place that the minutes of the special meeting of the Board on January 19, 1973, 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

Mr. Vanlandingham presented the Architectural Evaluation Committee meeting report of February 20 and 21, 1973, as shown on Minute Pages 3150 - 3154.

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

The Schedules of the Architectural Examinations in June, 1973, were presented as shown on Minute Pages 3155 and 3156. It was moved by Mr. Vanlandingham and seconded by Mr. Place that these schedules be approved as presented. Motion carried.

DATE: March 7, 1973

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

The Architectural Evaluation Committee met on February 20 and 21, 1973, in Phoenix, Arizona, with the following members present:

Lew Place
 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:

Ackerberg, Sanders Mathew	72-237	Kopelow, Sanford Leland	72-591
Allred, James Lester	73-27	Langhart, Victor Duane	72-642
Busse, William Hoff	73-46	Marasco, Robert Francis	73-80
Carlson, Arthur William, III	72-551	Meares, James M.	71-241
Chonis, Gus William	73-53	Montgomery, Fon Joseph	72-468
Ezell, James Ira	73-24	Morris, Robert Payson	72-650
Frank, Earl John	72-221	Naegle, Dale	72-388
Harper, Charles Floyd	72-645	Nyfelner, John Vernon	73-22
Harris, Robert Smith	72-556	Peters, Kenton Allyn	73-23
Husmann, Robert Gene	72-473	Shavey, Gary Lee	72-647
Jacobson, Arthur Leonard	72-648	Silberman, Myron Burton	73-29
James, Charles D.	73-26	Videriksen, Ebbe	72-480
Johnson, William Arthur	72-643	Wilson, Terry Gayle	73-30
Kahler, David T.	72-649	Lundh, Arthur	72-560

- 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:

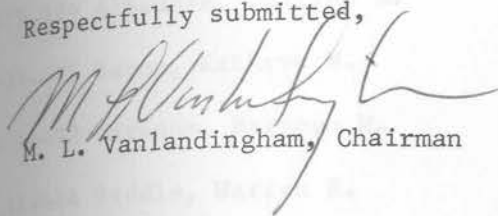
Applicants held for the June, and December, 1973 examinations:

Bagg, Carter Davis	73-51	Equivalency & Professional
Chapman, James Michael	73-48	Equiv. Design only & Professional
Chapman, John Allen	73-49	Equiv. Design only & Professional
Foell, Richard Paul	72-558	Equivalency & Professional
Hubiak, John	73-31	Equivalency & Professional
McCarthy, Brian Patrick	73-54	Equivalency & Professional
White, Byron Gene	72-646	Equivalency & Professional
Wilcox, Roger Michael	72-519	Equivalency & Professional

III. The committee reviewed the architectural examinations given in December, 1972, 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,


M. L. Vanlandingham, Chairman

Mr. Adams, Mark A.	70	73	75	75	75	81	80	CONFIRM
Mr. Baker, Robert Clark	74	83	93	75	75	85	77	CONFIRM
Mr. Campbell, Tom Douglas	7	7	7	7	7	7	7	
Mr. Clapp, Roy Ray	7	7	7	7	75	75	7	CONFIRM
Mr. Cook, William J., Jr.	82	82	75	83	84	79	80	CONFIRM
Mr. Coracidas, Basilio S.	7	7	7	7	CONFIRM	7	7	
Mr. Coston, De Gray, Jr.	7	73	7	7	7	7	7	CONFIRM
Mr. Cox, Stephen A.	77	78	7	73	7	7	7	CONFIRM
Mr. Coston, Troy	7	7	7	7	83	7	7	CONFIRM
Mr. Denny, Robert Donald	73	7	7	7	7	7	7	CONFIRM
Mr. Franchotter, Herman J.	7	7	7	7	7	7	7	
Mr. Feltman, Michael Dennis	73	7	7	73	76	74	83	CONFIRM
Mr. Fritzsche, David W.	83	93	7	73	84	83	78	CONFIRM
Mr. Griffin, William F.	7	80	7	7	CONFIRM	7	7	
Mr. Grynko, James L.	7	7	7	7	7	7	7	
Mr. Hall, Falaigh G.	83	93	87	73	7	86	78	CONFIRM
Mr. Hendrix, Gilbert, Jr.	7	7	7	7	7	73	7	CONFIRM
Mr. Hopper, Albert H., Jr.	7	80	73	7	7	7	7	CONFIRM
Mr. Hoyer, Roland E.	73	7	81	7	7	73	73	CONFIRM
Mr. Jaggard, Philip F.	7	7	7	7	7	7	7	
Mr. Jones, Jeremy Brian	74	7	73	74	84	78	84	CONFIRM
Mr. Kelly, Augustus F., IV	84	73	7	84	82	83	84	CONFIRM

ARCHITECTS

No.	Name	C History & Theory	D Site Planning	E Arch. Design	F Bldg. Const.	G Struc. Design	H Prof. Admin.	I Bldg. Equipment	Passed
*72-524	Albanese, Charles A.	82	75	75	79	75	81	80	CDEFGHI
*71-411	Baron, Kathryn M.	P	P	75	P	P	P	P	E
*71-492	Barsoum, Barsoum M.	77	75	P	P	P	82	P	CDH
71-414	Biddle, Warren R.	F	F	F	76	F	F	77	FI
72-553	Bigler, Robert Clark	78	93	93	75	F	85	77	CDEFHI
71-76	Campbell, Ian Douglas	P	P	P	P	F	P	P	
71-392	Clemons, Loy Ray	P	P	P	P	75	76	F	GH
*72-474	Close, William J., Jr.	Ex	Ex	75	82	Ex	79	85	EFHI
72-103	Coracides, Basilio B.	F	P	P	F	DNA	F	F	
72-59	Cotton, D. Page, Jr.	P	75	F	P	P	P	P	D
72-66	Cox, Stephan A.	77	75	P	75	P	F	P	CDF
72-165	Dastan, Iraaj	P	F	P	P	83	P	P	G
*70-410	Drees, Robert Donald	75	P	P	P	P	P	P	C
72-135	Fraunhoffer, Herman J.	F	F	F	F	F	F	F	
72-270	Freitas, Michael Dennis	80	F	F	79	76	84	83	CFGHI
72-285	Fritsche, David W.	83	93	F	82	84	83	86	CDFGHI
70-89	Griffin, William F.	P	80	F	P	DNA	P	P	D
71-369	Grygutis, James E.	P	F	P	P	P	P	P	
72-546	Hall, Raleigh G.	83	95	93	79	F	86	78	CDEFHI
72-469	Honanie, Gilbert, Jr.	F	F	75	F	F	75	F	EH
*72-58	Hopper, Albert N., Jr.	P	80	75	P	P	P	P	DE
72-470	Huber, Delane C.	75	F	87	F	F	75	75	CEHI
69-150	Jaggers, Philip F.	P	P	F	P	P	P	P	
72-509	Jones, Jeremy Alan	Ex	F	75	Ex	Ex	Ex	Ex	E
72-318	Keck, Augustus F., IV	84	75	F	84	82	85	82	CDFGHI

ARCHITECTS

No.	Name	History & Theory	Site Planning	Arch. Design	Bldg. Construction	Struc. Design	Prof. Admin.	Bldg. Equipment	Passed
		C	D	E	F	G	H	I	
72-259	Keenan, Michael J.	F	85	86	79	79	84	80	DEFGHI
71-220	Kellum, Charles E.	F	75	F	P	75	F	P	DG
*70-147	Kelly, James M.	P	P	75	P	P	P	P	E
71-318	Kopecek, Josef R.	75	F	F	F	F	F	F	C
71-399	Kouts, Arthur C.	77	P	P	P	F	P	P	C
72-549	Kozan, Eric T.	P	78	F	86	P	87	P	DFH
72-121	Leftwich, Billy John	P	F	75	P	P	P	P	E
72-344	Liebi, Eric Trenton	76	93	80	F	F	76	75	CDEHI
72-478	McClung, Steven Lee	P	F	84	76	P	77	P	EFH
72-427	McClure, Joseph E.	90	F	F	86	89	90	87	CFGHI
72-510	Marcus, John R. W.	84	F	F	83	78	88	89	CFGHI
72-213	Maroufkhani, Dariush	F	F	90	F	F	75	F	EH
71-89	Merritt, Bernard J.	P	P	P	F	F	P	77	I
*72-504	Micou, Ernest V.	P	75	75	81	P	83	P	DEFH
*72-548	Miller, Leo Jerome	83	94	85	81	81	86	85	CDEFGHI
70-338	Miller, Thomas P. J.	F	P	P	P	F	P	P	
71-391	Moos, Stephen Leon	F	P	P	F	F	F	F	
*71-357	Mrozinski, Robert W.	P	P	P	76	75	P	P	FG
*71-395	Osland, Rolf Olaf	P	P	P	P	79	P	P	G
*72-550	Papandrew, Thomas P.	Ex	Ex	80	Ex	Ex	Ex	Ex	E
71-397	Powers, Joseph M.	P	F	F	P	P	P	P	
72-171	Roberson, Jerry R.	P	F	P	77	F	79	P	FH
*72-175	Scalise, James W.	P	P	P	75	P	P	P	F
*72-476	Seidner, Mark W.	P	75	94	77	P	79	P	DEFH
*72-220	Senftleben, N. G. E.	80	75	75	76	82	77	78	CDEFGHI

ARCHITECTS

No.	Name	History & Theory C	Site Planning D	Arch. Design E	Bldg. Construction F	Struc. Design G	Prof. Admin. H	Bldg. Equipment I	Passed
*72-184	Shadoin, Thomas M., Jr.	P	P	P	P	75	P	76	GI
*72-491	Siefer, Stuart B.	90	75	83	75	80	85	81	CDEFGHI
*72-130	Stamm, William Paul	Ex	85	P	P	Ex	P	Ex	E
71-85	Steppe, Allan Baker	P	P	F	P	F	P	P	
67-81	Tachuk, Donald M.	F	P	P	P	P	P	P	
*72-322	Varga, Walter David	P	75	88	82	P	88	P	DEFH
70-409	Warner, Fergus P., Jr.	P	P	F	P	F	P	P	
66-199	Wonsley, Ronald C.	F	P	P	P	F	P	P	

ARCHITECTS-IN-TRAINING

No.	Name	C	G	I	Passed
*72-26	Bishop, Michael R.	83	76	80	C,G,I
*72-25	Bowman, Brent Alan	79	76	84	C,G,I
72-24	Boyajian, William M.	F	F	F	
*72-27	Cusack, Dennis R.	83	88	80	C,G,I
*72-22	McFarland, Richard A.	82	78	85	C,G,I
*72-28	Morris, Steven D.	76	79	78	C,G,I
*72-23	Mulligan, Dennis M.	89	87	83	C,G,I

SCHEDULE OF EXAMINATIONS
FOR
ARCHITECTS UNDER OLD RULES

TWO LOCATIONS

1. Tempe, Arizona

College of Architecture Building, South of University Drive on Forest Avenue, Rooms 240 and 241, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 16, 1973

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

Examination H, Professional Administration (No reference material permitted)

11:30 A.M. to 4:30 P.M.

Examination D, Site Planning - "A Ski Resort" (No reference material permitted)

Sunday, June 17, 1973

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

Examination E, Architectural Design - "A Ski Lodge" (No reference material permitted)

Monday, June 18, 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, June 19, 1973

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)

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, Rooms 240 and 241, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 16, 1973

8:00 A.M. to 4:00 P.M.

Construction, Theory and Practice (Reference material permitted)

4:00 P.M. to 6:00 P.M.

History, Theory and Planning (No reference material permitted)

Sunday, June 17, 1973

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

Design (No reference material permitted)

"A Neighborhood Tennis and Swim Club"

In the absence of Mr. Bowlsby, Mr. Vanlandingham presented the Landscape Architectural Evaluation Committee meeting report of February 21, 1973, as shown on Minute Pages 3158 and 3159. It was moved by Mr. Vanlandingham and seconded by Mr. Place that the report of the Landscape Architectural Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

The Executive Director requested a policy be set as to whether the Landscape Architect-in-Training be permitted to re-examine since it is not stated in the Rules.

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that the Landscape Architect-in-Training be permitted to re-examine since the privilege is granted to Engineer-in-Training who fail to pass the examination. Motion carried.

The Schedule of the Landscape Architectural Examinations in June, 1973, was presented as shown on Minute Page 3160. It was moved by Mr. Vanlandingham and seconded by Mr. Place that the schedule be approved as presented. Motion carried.

A letter from Phil Borgo, who prepares the land surveying examination, was presented. Discussion followed as to the use of the national examination for Parts 1 and 2. It was the intent of the Engineering Committee to try the national examination for one time only which was prepared by members of the American Congress on Surveying and Mapping and not by the Clemson staff. Dr. Newlin reported that Mr. Dryden was a member of the National Committee that helped to prepare this examination, and he feels, at a national level, it is a good one and would like to see Parts 1 and 2 of the national exam tried this one time. Dr. Newlin gave some statistics on those land surveyors who had passed when prepared by Phil Newlin and when prepared by Phil Borgo which indicated a smaller percentage had passed since they were prepared by Mr. Borgo. Mr. Girand felt the percentages reflected the fact that there were no educational courses in this State for land surveyors, which is also of great concern to the American Congress on Surveying and Mapping, Arizona Section.

Mr. Girand discussed the review of the Civil examinations Parts 3 and 4, and he noted that it was very clear that the percentage of failures was substantially higher over the past examinations. He stated that either the Evaluation Committee is not performing its function properly or the examinations being given are not adequate and do not test the applicant's knowledge of the problem. The consensus of the committee was in total the examination was too difficult and the committee should more carefully evaluate the questions prior to their use. Also, re-evaluate the procedures of the Evaluation Committee.

Dr. Newlin presented the Engineering Evaluation Committee meeting report of February 22, 23, 26 and 27, 1973, and March 2, 1973, as shown on Minute Pages 3160 - 3175. It was moved by Dr. Newlin and seconded by Mr. Vanlandingham that the report of Engineering Evaluation Committee meeting be accepted and implemented by the Board. Motion carried.

DATE: March 15, 1973

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

The Landscape Architectural Evaluation Committee met on February 21, 1973, in Phoenix, Arizona, with the following members present:

Robert M. Bowlsby
 Lew Place
 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:

Burr, Perry H.	72-323
French, Keith Allen	72-379
Kobata, Roger Kenji	73-45
Morse, Samuel A., Jr.	73-25

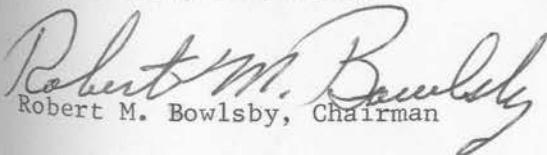
- II. It is recommended that the following applicant be denied registration under A.R.S. 32-123.C for lack of experience of a character satisfactory to the Board to be deemed qualified under A.R.S. 32-122 or 32-123, and be refunded the amount shown of his application fee:

Ferguson, Marck Eldred	73-47	\$25.00
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- III. The committee reviewed the landscape architectural examinations given in December, 1972, 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. Bowlsby, Chairman

LANDSCAPE ARCHITECTS

No.	Name	History & Theory	Pltg., Design & Ident.	Lscp. Arch. Design	Construction	Prof. Administration	Passed
		1	2	3	4	5	
72-416	Ashworth, Dean Frampton	F	90	75	F	F	2,3
71-265	Byrne, Michael George	P	P	95	P	P	3
72-331	Rutz, Miriam Easton	76	75	85	F	F	1,2,3
72-245	Stewart, Ward Douglas	F	78	F	F	80	2,5
72-188	Weaver, Walter Lee, Jr.	75	79	75	F	75	1,2,3,5

LANDSCAPE ARCHITECT-IN-TRAINING

No.	Name	1	2	3	Passed
72-1	McCauley, John K., Jr.	F	F	F	

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, Rooms 240 and 241, Arizona State University

2. Tucson, Arizona

College of Architecture, Room 205, University of Arizona

Saturday, June 16, 1973

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

Part 4 - Construction (Reference material is permitted)

Sunday, June 17, 1973

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

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

Monday, June 18, 1973

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

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

Tuesday, June 19, 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)

Walt Taylor	72-528	John Lynn Lewis	72-525
George Hirschman	72-529	Carroll L. Adams	72-526
Dean Jay, Jr.	72-530	Winston, Ralph Wayne	72-527
Thomas Vincent	72-531	Donald O. Stewart	72-528
George Morris	72-532	Andrew Scott	72-529
Edward H. ...	72-533	Joseph ...	72-530
Edward Lavigne	72-534	Edward Julius ...	72-531
John Joseph ...	72-535	William G. ...	72-532
Cynthia ...	72-536	Garvin ...	72-533
Jack ...	72-537	Henry ...	72-534
Lloyd ...	72-538	W. ...	72-535
John Philip ...	72-539		
Larry ...	72-540		
William ...	72-541		
John ...	72-542		
Gregory ...	72-543		

DATE: March 7, 1973

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

The Engineering Evaluation Committee met on February 22, 23, 26, and 27, 1973, in Phoenix, Arizona, with the following members present:

- | | |
|------------------------|-------------------|
| C. W. Dryden | C. W. Newlin |
| John Girard | 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:

- 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

Curtis, Richard Harvey 72-582

CIVIL ENGINEERING

Anderson, David Carl 73-8
 Applegate, Norman Clarke 72-569
 Baughman, Richard James 72-626
 Brewster, Hugh Bird 72-600
 Clem, Silva Edward, II 72-632
 Cuffe, Marshall James 72-580
 Freeman, Clarence N. 72-588
 Girard, Raymond Joseph 72-514
 Gordon, Stanley R. 73-57
 Hardin, Ira Lee 72-608
 Huitt, Ernest Larry 72-575
 Keller, Harry Ralph 72-601
 Killingstad, Rolf Taylor 72-658
 Lewis, Gregg Winchcomb 72-578
 Lindsey, Dean Ray, Jr. 72-659
 Lutge, Theodore Vincent 73-4
 McArthur, George Morris 73-16
 McDonie, Elmer H. 72-638
 McNeill, Robert LaVerne 72-409
 MacLellan, John Joseph 72-606
 Manning, Cythia Riette Bergman 72-381
 Meyer, Jack Lee 72-622
 Mitchell, Gerald Britton 72-481
 Mueller, John Philip 73-17
 Nicholas, Larry F. 72-639
 Norem, William Cornelius 72-635
 Olney, John Frederick 72-612
 Papanikolas, Gregory John 72-661

CIVIL ENGINEERING - Cont'd.

Prasad, Jaldhar 72-610
 Rieker, Richard James 72-637
 Rowe, Joseph Andrew 72-561
 Schelin, Edwin Richard 72-598
 Schoustra, Jack Jan 72-619
 Schroeder, Donald H. 72-584
 Silberman, Myron Burton 73-11
 Simmons, James Larry 72-577
 Swafford, Thomas Victor 72-506
 Thorfinnson, Stanley Theodore 72-535
 Walden, David Lane 72-565

ELECTRICAL ENGINEERING

Berry, Ralph Hollis 73-43
 Brooks, Rowan Crosby 72-532
 Camp, Byron Louis 72-603
 Carroll, Aaron 72-576
 Firestone, Ralph Wayne 72-424
 Flahart, Donald O. 72-595
 Jacobsen, Andrew Boone 72-617
 Kitchens, Joel 73-36
 Koster, Roland Julius 72-623
 Macdonald, William G. 72-621
 Vernon, Gavin Harold Russell 72-498
 Vogel, Henry A. 73-41
 Welch, H. William 72-537

GEOPHYSICAL ENGINEERING

Conto, Thomas A. 72-543

Continued.....

I. Continued

HIGHWAY ENGINEERING

Blain, John	72-602
Clay, Holbrook H.	72-573

MECHANICAL ENGINEERING

Balzic, John William	73-42
Dunham, George Francis	72-631
Goldstein, David Lester	72-544
Hanson, Duane M.	72-652
Miller, Val	72-625
Mitchell, William Stanley	73-6
Peterson, Paul Alvor	73-37
Rossi, Arthur John	72-564
Seroka, Stanley	72-515
Shank, Wayne Cliffton	72-531
Stubbins, Robert Lacey	72-571
Wolff, Jonas	72-538

METALLURGICAL ENGINEERING

Milner, Alan	72-597
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MINING ENGINEERING

Robison, John Lewis	73-7
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STRUCTURAL ENGINEERING

Birkeland, Philip W.	72-590
Itaya, Raymond	72-587
Jones, Robert Eugene	72-640
Schwab, Christof E.	72-377
Taubman, David	72-633

GEOLOGY

Bryant, Robert Chapman	72-533
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LAND SURVEYING

Barnett, Fred A.	72-607
Carr, Richard Nelson	72-539
Copeland, Jerry Dan	73-32
Eaves, Stanley James (re-reg.)	72-586
Flahart, Donald O.	72-596
Hardin, Ira Lee	72-609
McDermott, Lawrence Owen	72-534
Walden, David Lane	72-566

- 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, 1973, examinations:CHEMICAL ENGINEERING

Miller, Ronald L.	72-620	Parts 3 and 4
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CIVIL ENGINEERING

Atkinson, Charles H.	73-9	Parts 3 and 4
Bergeon, Joseph S.	72-493	Parts 3 and 4
Bernero, Robert Henry	72-540	Parts 3 and 4
Blakley, Ross Douglas, Jr.	73-14	Parts 3 and 4
Burruss, William Thomas	72-615	Parts 3 and 4
DeWitt, Dennis LeRoy	72-651	Parts 3 and 4
Draeger, Thomas Reed	72-634	Parts 3 and 4
Ebeltoft, Richard Allen	72-527	Parts 3 and 4
Fortney, Donald Benjamin	72-624	Parts 1, 2, 3 and 4
Garner, Gordon Reed	73-33	Parts 3 and 4
Hudson, John Thomas	73-34	Parts 1, 2, 3 and 4
Lieberman, Joel Gilbert	73-59	Parts 3 and 4
Otterness, Terry Harlan	72-568	Parts 3 and 4
Perslow, Johan Anders	72-505	Parts 3 and 4
Reachmack, Nickolas John	73-35	Parts 3 and 4
Reiley, Wayne Patrick	73-21	Parts 3 and 4
Schick, Dennis Francis	73-1	Parts 3 and 4
Winzer, Charles Wesley, Jr.	72-530	Parts 3 and 4
Woolery, Robert Crow	73-12	Parts 3 and 4
Wong, Hong	73-38	Parts 3 and 4
Worthington, Henry Wilson	72-574	Parts 3 and 4

Continued.....

II. Continued

ELECTRICAL ENGINEERING

Frank, Raymond George	72-627	Parts 3 and 4
Griffin, Eugene Howard	72-616	Part 4
Loar, James Alpha	72-487	Parts 1, 2, 3 and 4

GEOLOGICAL ENGINEERING

Gillespie, John Dwayne	73-18	Parts 3 and 4
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HIGHWAY ENGINEERING

Strouse, David Frank	72-542	Parts 1, 2, 3 and 4
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MECHANICAL ENGINEERING

Baltes, Robert T.	72-536	Parts 3 and 4
Hoffarth, Richard C.	72-599	Parts 3 and 4
McVaugh, Joseph Milton	72-541	Parts 3 and 4
Schmitz, Frederick John	72-614	Parts 3 and 4

METALLURGICAL ENGINEERING

Sudderth, Robert Brantley	72-657	Parts 3 and 4
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MINING ENGINEERING

Krebs, David Emil	72-513	Parts 3 and 4
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SANITARY ENGINEERING

Erickson, Charles Thomas	72-660	Parts 3 and 4
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STRUCTURAL ENGINEERING

Berthot, Charles A.	72-563	Parts 3, 4, 5 and 6
Henderson, Walter Eugene	72-618	Parts 5 and 6
Ochoa-Romero, Ramon Bavictri	73-40	Parts 3, 4, 5 and 6
Schick, Dennis Francis	73-2	Parts 5 and 6

GEOLOGY

Fiorini, Richard John	72-630	Parts 1, 2, 3 and 4
Ross, Donald E.	72-656	Parts 1, 2, 3 and 4
Shearer, Joseph Earl	72-511	Parts 3 and 4

ASSAYING

Aros, Richard Michael	72-570	Parts 1 and 2
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LAND SURVEYING

Ashing, Carl Maze	73-13	Parts 1, 2, 3 and 4
Engle, Thomas Edwin	72-653	Parts 1, 2, 3 and 4
Hall, Glen Gale	73-20	Parts 1, 2, 3 and 4
Lupinek, Robert Chester, Jr.	72-605	Part 4
Ringwald, Bruce R.	72-604	Parts 1, 2, 3 and 4
Smith, Romain Harold	72-628	Parts 1, 2, 3 and 4
Stebbing, John Frederick	72-402	Parts 3 and 4

Applicants held for the November, 1973, examinations:CIVIL ENGINEERING

Maucher, Lawrence Edward	73-10	Parts 3 and 4
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MINING ENGINEERING

Dugan, Doyle Julius	72-611	Parts 1, 2, 3 and 4
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III. The Engineering Examination Committee met on March 2, 1973, with C. W. Newlin, John Girand, James L. Knickerbocker and Robert G. Wallace present. The committee reviewed the examinations given in December, 1972, and recommends to the Board that the grades as shown on the pages following this report be so certified.

Following a discussion of the land surveyors' examinations, it was moved by Mr. Girand and seconded by Mr. Knickerbocker that all applicants be sent a copy of typical examination questions and be given the opportunity to withdraw the application without prejudice or refund. Motion carried.

Mr. Girand moved that the content of the examination be re-examined in light of the Arizona law as it relates to land surveyors, seconded by Mr. Knickerbocker. Motion carried.

The Chairman stated that a meeting of all members of the committee will be called to discuss this subject.

Mr. Girand moved that Parts 1 and 2 of the NCEE land surveying exam be ordered for use in April, 1973, seconded by Mr. Knickerbocker. Motion carried.

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

Respectfully submitted,

CW Newlin

C. W. Newlin, Chairman

Chairman, S. F. S.	F	F	F	F	F
Gen. John Ellis	F	F	F	F	F
Deputy, Alan G.	Ex	Ex	72.3	F	F
Deputy, Gerald R.	Ex	Ex	F	F	F
Deputy, Edward N.	F	F	F	F	F
Deputy, Lawrence D.	Ex	Ex	F	F	F
Deputy, George H.	F	F	F	F	F
Deputy, Elizabeth K.	F	F	F	F	F
Deputy, John Lee	Ex	Ex	F	F	F
Deputy, Roy	F	77.3	F	F	F
Deputy, Harry A.	71	F	F	F	F
Deputy, Perry Howard	F	F	F	F	F
Deputy, Jerry Albert	F	F	F	F	F
Deputy, Edward G.	Ex	Ex	F	F	F

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CHEMICAL ENGINEERING						
*72-396	Boyle, Thomas J.	Ex	Ex	87.5	94	3,4
72-215	Ginand, Philip M.	Ex	Ex	F	F	
*72-143	Milligan, David A.	Ex	Ex	90	84	3,4
*72-378	Palomino, Gilbert E.	P	P	70	70	3,4

CIVIL ENGINEERING

72-51	Adair, Edward A.	Ex	Ex	F	F	
72-335	Baker, Christopher J.	P	P	F	F	
72-431	Beene, James R.	P	P	F	F	
70-58	Bertella, Guido J.	F	F	F	P	
69-240	Bostick, Charles T.	Ex	Ex	F	F	
72-81	Burritt, Benjamin E.	Ex	Ex	F	97.5	4
72-400	Castillo, Eduardo	Ex	Ex	F	F	
*71-409	Caudill, Herbert, Jr.	Ex	Ex	72.5	P	3
72-455	Chalaby, B. F. B.	P	P	F	F	
71-287	Coe, John Ellis	P	P	F	P	
*72-340	Cooper, Alan B.	Ex	Ex	96	70	3,4
72-249	Copeland, Gerald R.	Ex	Ex	F	F	
69-368	Covington, Edward B.	F	F	F	P	
72-95	Dadisman, Lawrence D.	Ex	Ex	F	F	
70-311	Dalrymple, Guerry M.	F	F	F	F	
71-188	Damgaard, Kenneth K.	P	P	F	F	
63-489	Delaney, John Leo	Ex	Ex	F	P	
72-357	Dossey, Ray	F	72	F	77.5	2,4
71-53	Dunlap, Barry A.	71	P	F	P	1
72-484	Eagar, Terry Sherwood	P	P	F	F	
70-488	Easter, Jene Albert	F	F	F	P	
72-436	Fletcher, Edward G.	Ex	Ex	F	F	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
CIVIL ENGINEERING - Cont'd.						
71-365	Francom, Paul Glen	P	P	F	F	
68-266	Frazier, Wilfred D.	Ex	Ex	F	P	
71-282	Frisby, Jose R.	Ex	Ex	F	P	
71-230	Gernandt, Richard W.	F	F	F	F	
71-293	Glenn, Edward S.	P	F	P	P	
72-309	Guild, Kirke L.	76	72	F	F	1,2
72-336	Guthrie, Edward D.	Ex	Ex	F	F	
71-384	Hart, Laurent C.	Ex	Ex	P	F	
72-501	Helmhout, Norman E.	P	P	70	F	3
*72-401	Huckabay, Darrel J.	Ex	Ex	70	75	3,4
72-458	Jacobs, Carley W.	Ex	Ex	F	F	
72-500	Jencsok, Eugene I.	78	F	F	F	1
72-449	Jolly, Billy Rex	Ex	Ex	70	F	3
71-190	Kaminski, Daniel L.	Ex	Ex	P	F	
72-219	Louviere, Edward	F	F	F	DNA	
72-216	McFadden, Gene R.	P	P	Ex	F	
69-410	Mathein, Fredrick J.	F	F	F	P	
71-472	Matthews, Lawrence E., Jr.	P	P	F	F	
72-227	Milne, James E.	P	P	F	F	
71-363	Morris, James Lee	Ex	Ex	P	F	
67-322	Newton, Thomas M.	P	P	F	P	
72-119	Osborn, Paul G.	Ex	Ex	F	70	4
*70-465	Paddock, Francis C., Jr.	P	P	87.5	95	3,4
72-34	Perry, Richard J.	Ex	Ex	70	F	3
71-344	Pilcher, Delbert L.	Ex	Ex	F	70	4
*72-10	Priniski, George S., Sr.	P	P	P	100	4
66-127	Raymo, William James	P	P	F	P	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>CIVIL ENGINEERING - Cont'd.</u>						
*71-249	Richards, Glendon L., Jr.	P	P	75	P	3
70-295	Rodriguez, John E.	P	P	F	P	
69-217	Roose, James F.	Ex	Ex	F	P	
70-363	Rupe, Robert W.	P	P	F	P	
72-325	Russell, Thomas E.	P	P	F	70	4
72-41	Sanders, Lyle D., Jr.	Ex	Ex	F	F	
72-248	Seal, Virgil L.	P	P	F	F	
72-418	Sloat, Donald W.	Ex	Ex	F	F	
61-96	Smith, Robert H.	P	P	F	P	
71-516	Tanner, Stephen L.	P	P	P	F	
*72-457	Tomasso, Robert J.	P	P	70	80	3,4
72-503	Troyer, Brian M.	P	P	F	98	4
72-448	Vlastelich, Rudolph J.	P	P	F	F	
71-473	Williams, Robert Roy	Ex	Ex	F	F	
72-390	Winters, Daniel Brian	P	P	F	70	4
70-369	Wisser, Gerhard Karl	P	P	P	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
72-298	Wolan, John Gregory	Ex	Ex	F	F	
71-513	Yoder, Dan Samuel	Ex	Ex	F	F	
*72-44	Yu, Man Chiu	Ex	Ex	80	100	3,4
69-166	Ziegler, Lawrence Lee	P	P	F	P	

ELECTRICAL ENGINEERING

*71-458	Andrews, Michael	Ex	Ex	P	85	4
*72-437	Bell, Daniel G.	Ex	Ex	Ex	85	4
*72-516	Blixt, Richard Elmer	Ex	Ex	75	75	3,4
72-454	Bolster, Paul D.	Ex	Ex	73	F	3

NO.	NAME	ELECTRICAL ENGINEERING - Cont'd.				Passed
		Part I	Part II	Part III	Part IV	
72-77	Colapret, Edward E.	P	P	F	80	4
*70-482	Cracker, William F., Jr.	Ex	Ex	70	P	3
*70-254	Evans, John Madison	Ex	Ex	73	P	3
*71-128	Frautnick, Arnold Carl	Ex	Ex	P	80	4
70-85	Grommes, William K.	P	P	F	P	
*72-306	Iddings, George E.	Ex	Ex	98.5	85	3,4
71-324	Kirsch, James David	Ex	Ex	F	P	
*72-209	Maciejewski, Martin	Ex	Ex	100	85	3,4
70-240	Martinez, Joseph B.	Ex	Ex	F	F	
72-394	Merett, Robert Gene	Ex	Ex	F	85	4
*71-51	Peer, Daniel David	Ex	Ex	86.5	P	3
72-110	Rampley, Gregory Paul	P	P	F	F	
*72-30	Rowe, Lloyd J.	Ex	Ex	75	90	3,4
72-488	Schreiber, Martin B., Jr.	Ex	Ex	F	F	
71-214	Seiler, John	F	F	F	F	
70-170	Sims, Lee Leon	P	P	F	P	
*71-486	Thompson, James E.	Ex	Ex	100	95	3,4
72-496	Valenzuela, Humberto	F	81	F	F	2
72-11	Vogt, Philip Lee	Ex	Ex	F	P	
71-328	Wells, Walter Edwin	Ex	Ex	F	P	
72-35	Wilcox, Theodore W.	Ex	Ex	F	F	

GEOLOGICAL ENGINEERING

70-226	Youell, James Robert	P	F	F	P	
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GEOPHYSICAL ENGINEERING

*72-414	Wieduwilt, William G.	Ex	Ex	77	90	3,4
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NO.	NAME	Part	Part	Part	Part	Passed
		I	II	III	IV	
<u>HIGHWAY ENGINEERING</u>						
72-151	Beckham, Oscar Morris	F	70	70	70	2,3,4
71-273	Burgin, Edward W.	P	P	F	75	4
68-21	Cantrell, Harvey G.	F	F	F	P	
66-239	Collon, William P.	Ex	Ex	F	P	
66-295	Evans, James M.	Ex	Ex	F	P	
67-129	Howard, Robert L.	Ex	Ex	F	P	
66-144	Minter, Charles B.	Ex	Ex	F	P	
70-60	Ohnleiter, Robert F.	P	F	F	70	4
70-413	Patty, John Harlan	F	F	F	P	
71-285	Saban, Johnny	F	F	F	F	
67-154	Webb, Nelden J.	Ex	Ex	F	P	
70-219	Wingfield, Richard D.	F	F	F	P	
<u>MECHANICAL ENGINEERING</u>						
70-348	Bassett, Robert Lee	F	F	F	P	
*72-115	Bowers, Grady W., Jr.	Ex	Ex	77.5	90	3,4
71-401	Chacon, Leroy C.	Ex	Ex	F	P	
*72-314	Cooper, Stephen G.	Ex	Ex	70	70	3,4
71-438	Dennis, Richard H.	P	P	F	F	
72-352	Fromm, Richard G.	P	P	F	F	
72-106	Gallagher, Roger W.	Ex	Ex	70	F	3
72-117	Goudy, Harlan C.	Ex	Ex	F	70	4
71-279	Haak, Charles Edward	F	P	F	P	
*72-399	Larson, Raoul Eric	Ex	Ex	70	100	3,4
72-465	Leivian, Robert J.	Ex	Ex	F	70	4
72-456	Lunceford, Donivan L.	Ex	Ex	70	F	3
*72-230	Lundgren, Victor John	Ex	Ex	70	70	3,4
71-339	Maggs, Charles A.	P	P	P	F	

NO.	NAME	MECHANICAL ENGINEERING - Cont'd.						Passed
		Part I	Part II	Part III	Part IV			
70-432	Miller, Marion Edward	F	F	F	P			
*70-184	Miller, Robert Carson	P	P	70	P		3	
72-155	Mulligan, Donald R.	Ex	Ex	80	F		3	
71-223	Pristo, Ray E.	P	71	F	P		2	
68-175	Stockton, Paul	Ex	Ex	F	F			
*72-78	Stofft, Robert E.	P	P	70	70		3,4	
71-3	Utley, Wallace Ralph	Ex	Ex	P	F			
<u>METALLURGICAL ENGINEERING</u>								
*72-407	Moos, Stanley Maxwell	Ex	Ex	90	79		3,4	
<u>MINING ENGINEERING</u>								
*72-280	Devere, John T.	Ex	Ex	70	70		3,4	
*72-353	Navin, Stephen Joseph	Ex	Ex	87	80		3,4	
72-435	Summers, David M.	Ex	Ex	82	F		3	
<u>SANITARY ENGINEERING</u>								
72-440	Allen, George L., Jr.	Ex	Ex	F	F			
*72-229	Bergland, Ronald Jack	P	P	81	100		3,4	
*72-142	Ries, Kenneth Milton	Ex	Ex	71	90		3,4	
*72-312	Scanlan, James W.	Ex	Ex	70	70		3,4	
*72-226	Shafer, William H., Jr.	P	P	70	75		3,4	
<u>STRUCTURAL ENGINEERING</u>								
		I	II	III	IV	V	VI	Passed
*72-446	Dille, Joseph Carl	Ex	Ex	Ex	Ex	70	90	5,6
*72-255	Meza, George Michael	Ex	Ex	70	100	80	90	3,4,5,6
*72-367	Ong, Benjamin W.	P	P	P	P	90	90	5,6
*72-90	Ricklefs, Marvin F.	Ex	Ex	Ex	Ex	Ex	90	6
*72-366	Whittlesey, Gerald B.	P	P	P	P	73	80	5,6
*72-21	Womack, David Paul	P	P	P	P	77	90	5,6

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>GEOLOGY</u>						
* 72-257	Arnold, Leavitt Clark	Ex	Ex	71	70	3,4
* 72-350	Corn, Russell M.	Ex	Ex	70	70	3,4
69-168	Freeman, Gilbert N.	Ex	Ex	F	P	
* 72-397	Handverger, Paul A.	Ex	Ex	80.5	88	3,4
72-415	Lehner, Robert E.	Ex	Ex	F	F	
* 72-300	Miller, Charles P.	Ex	Ex	76	78	3,4

<u>LAND SURVEYING</u>						
72-358	Albert, Adow Deygher	71.6	F	F	F	1
72-419	Bedford, Dennis W.	F	F	F	F	
* 70-129	Bridges, James P.	P	70.3	P	P	2
* 70-68	Caraway, Cross M., Sr.	73.4	70	P	P	1,2
72-250	Cocio, Eddie Y.	F	F	F	F	
71-405	Coggin, Horace Mason	F	F	F	F	
72-22	Costa, Joseph Eli	80.6	F	80.7	P	1,3
71-148	Garcia, Ernest G.	F	F	F	P	
70-289	Hendrix, Robert	F	F	F	P	
72-266	Holdread, Stephen W.	F	F	F	F	
* 71-206	Huckelberry, Charles H.	P	83.8	P	P	2
* 70-467	Jensen, Lynn Howard	P	70	P	P	2
* 69-123	Jones, James David	P	70	P	P	2
* 72-92	Kesler, Jack Martin	Ex	Ex	80.4	80.9	3,4
70-383	Knighten, Howard H., Jr.	P	F	F	P	
71-407	Morey, Donald Arthur	P	F	F	P	
71-207	Nau, William Edward	F	P	74.6	P	3
70-124	Ott, Wallace Robert	F	F	P	P	

NO.	NAME	Part I	Part II	Part III	Part IV	Passed
<u>LAND SURVEYING - Cont'd.</u>						
72-128	Pellow, Stanley G., Jr.	F	F	F	F	
71-281	Pidskalny, Robert A.	F	F	F	F	
70-448	Rodriguez, Fred	P	F	P	P	
72-234	Shearrow, Henry A.	F	F	71.1	78.2	3,4
69-177	Shields, Phillip K.	P	F	P	P	
*71-510	Shreeve, Franklin K.	74.8	P	P	P	1
70-238	Stinard, Donald I.	P	F	P	P	
72-452	Streich, Richard E.	F	F	70	F	3
69-77	Torres, Alfonso	P	F	P	F	
72-447	Tucker, George M.	F	F	F	F	
71-30	Williams, Jerry Carl	78.8	F	72.9	P	1,3
72-371	Wolf, Lloyd A., Jr.	F	F	F	F	
71-313	Woolery, Robert Crow	Ex	Ex	F	P	

ASSAYING	I	II
*72-210 Shah, Dnyanendra A.	85	91

ENGINEER-IN-TRAINING	Grade
72-135 Abbott, Barry James	91
72-88 Atherton, Robert Bruce	F
72-138 Ballmer, Ray James	72
72-115 Bethell, Johnny L.	73
72-144 Bingham, Andrew H., II	73
72-137 Bischoff, Stephen Julius	88
71-3 Bloomfield, Arthur Kent	F
72-151 Boyer, Ronald C.	77
72-116 Butler, James W.	F
72-123 Byrne, Paul M.	79

ENGINEER-IN-TRAINING - Cont'd.	Grade
72-120 Caccavale, Salvatore Erasmo	92
72-125 Cook, Gary Murchison	78
72-121 Cooper, Russell A.	89
72-97 Cormier, Richard Ernest	75
72-89 Danielski, Jeffrey James	81
72-85 Davee, Daniel	76
72-134 Davis, Lynn Herbert	F
72-128 Demaree, James Crete	84
72-105 Frey, Calvin R.	F
72-108 Fimbres, Frank	75
72-90 Fleming, Peter	F
72-63 Frino, Neal G.	F
72-117 Hadley, Michael C.	76
72-80 Hansen, Thomas N.	91
72-79 Hanson, Henry J.	F
72-98 Hart, Peter J., Jr.	80
72-154 Haskie, Leonard	F
72-155 Henrikson, Richard James	F
72-119 Hess, Steven	93
72-146 Holsclaw, Lynden E.	F
72-126 House, Ashley G., Jr.	F
72-86 Hutson, Ronald C.	F
72-84 Johnson, James S.	80
72-81 Kao, Samuel Erh-chaing	77
72-82 Karner, Donald B.	97
72-7 King, Fredrick L.	F
72-102 Kirchner, Tommy L.	F
71-129 Kory, Raymond	83

ENGINEER-IN-TRAINING

Grade

ENGINEER-IN-TRAINING	Grade
72-99 Lawrence, Becky Sayre	F
72-93 Leech, William Douglas	81
72-104 Lynck, James L.	F
66-44 McCassalin, Wade L.	F
72-60 McLain, James Kenton	F
72-91 Mah, Stanley	F
72-74 Mancini, Frank P.	88
72-145 Medlin, Michael Thomas	F
72-136 Mitchell, John Dale	83
72-83 Mitchell, Leonard Joseph	F
72-101 Monrad, Lawrence Edward	74
72-114 Moon, Richard Brian	77
72-132 Moore, Eric Gregory	F
72-122 Moreno, David B.	73
72-147 Oberst, Eugene F.	F
72-95 O'Connell, Clifford George	F
72-152 Pace, Malcolm James	F
72-6 Peacock, Douglas F.	F
72-133 Penfield, Donald William, Jr.	78
72-109 Peters, R. Douglas	84
72-129 Ringwald, Bruce R.	84
71-28 Roberts, S. Von	F
72-143 Rogers, Arthur N.	93
72-124 Ryan, Dennis John	71
72-140 Sawyer, Thomas Curtis	F
72-131 Sember, Joseph Alexander, III	74
72-94 Semelsberger, Robert George	77
72-106 Smith, Wiley Ricks	F

ENGINEER-IN-TRAINING

Grade

69-19	Soto, Edward M.	74
72-100	Spaeth, Michael Thomas	79
72-130	Sussman, David N.	72
72-127	Swan, Jeffrey A.	F
72-107	Titus, Vance Claire	F
72-87	Truzzolino, Daniel	F
72-113	Turner, Charles Phillip	80
72-139	Varela, David	74
72-141	Varela, Richard J.	F
72-92	Voss, George William	78
72-153	Waeschle, Patricia M.	F
72-150	White, Martin William	F
72-96	Wilbar, Aleck Peyton	F
72-148	Williams, Gary H.	71
72-118	Wiltscheck, Gary Jerome	F
72-112	Youngs, Joseph Kermit	85

GEOLOGIST-IN-TRAINING

I II Passed

72-1	Lund, William Russell	F	F
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Applicants for professional registration having completed the personal interviews and all other requirements of laws have been granted registration and assigned the registration numbers as indicated. Action carried.

REGISTERED

7238	Wagner, Barbara Marie
7231	Watts, Charles A.
7232	Wick, James Luther
7233	Wicks, Kathryn Marie
7234	Winters, Barbara Marcell
7235	Wise, William Hoff
7236	Wolcott, Arthur William, III
7237	Woods, Eric William
7238	Wright, William James, Jr.

REGISTERED - (Cont'd)

7239	Wynn, Robert Donald
7240	Yarbrough, James Lee
7241	Yates, John Lee
7242	Yeager, Charles Floyd
7243	Yerxa, Robert Keith
7244	Yetter, Albert Nelson, Jr.
7245	Yonkers, Robert Lee
7246	Yonkers, Arthur Leonard
7247	Zorn, Charles H.

Continued...

It was moved by Dr. Newlin and seconded by Mr. Girand that the Board direct the Engineering Examination Committee to have representatives of Arizona Section of American Congress on Surveying and Mapping to review the land surveying examination and make recommendations concerning it. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Vanlandingham 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.

Boeckmann, Alan L.	72-62	Engineer-in-Training
Campion, Nick Decimo	71-51	Engineer-in-Training
Day, David S.	66-260	Electrical Engineer
Doshi, Harish Jayantilal	71-104	Engineer-in-Training
Francis, William Doyme	71-1	Landscape Architect-in-Training
Goebel, Eugene Carl	71-300	Mechanical Engineer
Hansen, Harold John, Jr.	72-9	Architect-in-Training
Kleinman, Lawrence Richard	71-504	Land Surveyor
Miller, Harold Lee	71-80	Mechanical Engineer
Miller, Mark E.	71-376	Architect
Rudd, Richard James	70-350	Land Surveyor
Stewart, Avery L.	70-275	Mechanical Engineer
Stookesberry, Franklin J.	71-117	Engineer-in-Training
Vezzetti, Michael J.	67-257	Civil Engineer
Woodling, Wendell L.	72-5	Architect-in-Training

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

Bondor, Steven Louis	72-345	Civil Engineer
Brookfield, Ronald G.	72-8	Architect-in-Training
Cochran, John William	72-84	Electrical Engineer
Ginocchio, Stephen John	72-269	Architect
Graves, Robert Muir	72-283	Landscape Architect
Phenix, John Russell	72-342	Architect
Skinner, William Earnest	72-592	Architect
Sorcinelli, William J.	73-32	Engineer-in-Training

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

Ackerberg, Sanders Mathew	8720
Albanese, Charles A.	8721
Allred, James Lester	8722
Baron, Kathryn Marie	8723
Barsoum, Barsoum Marcos	8724
Busse, William Hoff	8725
Carlson, Arthur William, III	8726
Chonis, Gus William	8727
Glose, William James, Jr.	8728

ARCHITECTURE - Cont'd.

Drees, Robert Donald	8729
Ezell, James Ira	8730
Frank, Earl John	8731
Harper, Charles Floyd	8732
Harris, Robert Smith	8733
Hopper, Albert Nelson, Jr.	8734
Husmann, Robert Gene	8735
Jacobson, Arthur Leonard	8736
James, Charles D.	8737

Continued.....

ARCHITECTURE - Cont'd.

Johnson, William Arthur	8738
Kahler, David T.	8739
Kelly, James Michael	8740
Kopelow, Sanford Leland	8741
Langhart, Victor Duane	8742
Marasco, Robert Francis	8743
Meares, James M.	8744
Micou, Ernest Venable	8745
Miller, Leo Jerome	8746
Montgomery, Fon Joseph	8747
Morris, Robert Payson	8478
Mrozinski, Robert Walter	8749
Naegle, Dale	8750
Nyfeler, John Vernon	8751
Osland, Rolf Olaf	8752
Papandrew, Thomas Paul	8753
Peters, Kenton Allyn	8754
Scalise, James William	8755
Seidner, Mark Wallace	8756
Senftleben, Norberto Gustavo Enrique	8757
Shadoin, Thomas Matson, Jr.	8758
Shavey, Gary Lee	8759
Siefer, Stuart Bernard	8760
Silberman, Myron Burton	8761
Stamm, William Paul	8762
Varga, Walter David	8763
Videriksen, Ebbe	8764
Wilson, Terry Gayle	8765
Lundh, Arthur	8909

CHEMICAL ENGINEERING

Boyle, Thomas J.	8766
Curtis, Richard Harvey	8767
Milligan, David Allen	8768
Palomino, Gilbert Ernest	8769

CIVIL ENGINEERING

Anderson, David Carl	8770
Applegate, Norman Clarke	8771
Baughman, Richard James	8772
Brewster, Hugh Bird	8773
Caudill, Herbert, Jr.	8774
Clem, Silva Edward, II	8775
Cooper, Alan Blake	8776
Cuffe, Marshall James	8777
Freeman, Clarence N.	8778
Girard, Raymond Joseph	8779
Gordon, Stanley R.	8780
Hardin, Ira Lee	8781
*Hebert, Randall James	8908
Huckabay, Darrel J.	8782
Huitt, Ernest Larry	8783

CIVIL ENGINEERING - Cont'd.

Keller, Harry Ralph	8784
Killingstad, Rolf Taylor	8785
Lewis, Gregg Winchcomb	8786
Lindsey, Dean Ray, Jr.	8787
Lutge, Theodore Vincent	8788
McArthur, George Morris	8789
McDonie, Elmer H.	8790
McNeill, Robert LaVerne	8791
MacLellan, John Joseph	8792
Manning, Cynthia Riette Bergman	8793
Meyer, Jack Lee	8794
Mitchell, Gerald Britton	8795
Mueller, John Philip	8796
Nicholas, Larry F.	8797
Norem, William Cornelius	8798
Olney, John Frederick	8799
Paddock, Francis Clare, Jr.	8800
Papanikolas, Gregory John	8801
Prasad, Jaldhar	8802
Priniski, George Stanley, Sr.	8803
Richards, Glendon Lee, Jr.	8804
Rieker, Richard James	8805
Rowe, Joseph Andrew	8806
Schelin, Edwin Richard	8807
Schoustra, Jack Jan	8808
Schroeder, Donald H.	8809
Silberman, Myron Burton	8810
Simmons, James Larry	8811
Swafford, Thomas Victor	8812
Thorfinnson, Stanley Theodore	8813
Tomasso, Robert Joseph	8814
Walden, David Lane	8815
Yu, Man Chiu	8816

ELECTRICAL ENGINEERING

Andrews, Michael	8817
Bell, Daniel Grafton	8818
Berry, Ralph Hollis	8819
Blixt, Richard Elmer	8820
Brooks, Rowan Crosby	8821
Camp, Byron Louis	8822
Carroll, Aaron	8823
Cracker, William Felice, Jr.	8824
Evans, John Madison	8825
Firestone, Ralph Wayne	8826
Flahart, Donald O.	8827
Frautnick, Arnold Carl	8828
Iddings, George Edward	8829
Jacobsen, Andrew Boone	8830
Kitchens, Joel	8831
Koster, Roland Julius	8832
Macdonald, William G.	8833

Continued.....

*Mr. Hebert appeared at the November Evaluation meeting and since he was to take the written examination in December in Louisiana the committee recommended he be granted registration upon receipt of notification from Louisiana he had successfully passed the examination. Confirmation received from Louisiana on March 7, 1973.

ELECTRICAL ENGINEERING - Cont'd.

Maciejewski, Martin	8834
Peer, Daniel David	8835
Rowe, Lloyd J.	8836
Thompson, James Elbert	8837
Vernon, Gavin Harold Russell	8838
Vogel, Henry A.	8839
Welch, H. William	8840

GEOPHYSICAL ENGINEERING

Conto, Thomas A.	8841
Wieduwilt, William Gordon	8842

HIGHWAY ENGINEERING

Blain, John	8843
Clay, Holbrook H.	8844

MECHANICAL ENGINEERING

Balzic, John William	8845
Bowers, Grady Washington, Jr.	8846
Cooper, Stephen George	8847
Dunham, George Francis	8848
Goldstein, David Lester	8849
Hanson, Duane M.	8850
Larson, Raoul Eric	8851
Lundgren, Victor John	8852
Miller, Robert Carson	8853
Miller, Val	8854
Mitchell, William Stanley	8855
Peterson, Paul Alvor	8856
Rossi, Arthur John	8857
Seroka, Stanley	8858
Shank, Wayne Clifton	8859
Stofft, Robert Eugene	8860
Stubbins, Robert Lacey	8861
Wolff, Jonas	8862

METALLURGICAL ENGINEERING

Milner, Alan	8863
Moos, Stanley Maxwell	8864

MINING ENGINEERING

Devere, John T.	8865
Navin, Stephen Joseph	8866
Robison, John Lewis	8867

SANITARY ENGINEERING

Bergland, Ronald Jack	8868
Ries, Kenneth Milton	8869
Scanlan, James William	8870
Shafer, William Harold, Jr.	8871

STRUCTURAL ENGINEERING

Birkeland, Philip W.	8872
Dille, Joseph Carl	8873
Itaya, Raymond	8847
Jones, Robert Eugene	8875
Meza, George Michael	8876
Ong, Benjamin W.	8877
Ricklefs, Marvin F.	8878
Schwab, Christof E.	8879
Taubman, David	8880
Whittlesey, Gerald Blair	8881
Womack, David Paul	8882

GEOLOGY

Arnold, Leavitt Clark	8883
Bryant, Robert Chapman	8884
Corn, Russell Morrison	8885
Handverger, Paul Atwill	8886
Miller, Charles Parker	8887

ASSAYING

Shah, Dnyanendra Amrutlal	8888
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LANDSCAPE ARCHITECTURE

Burr, Perry H.	8889
Byrne, Michael George	8890
French, Keith Allen	8891
Kobata, Roger Kenji	8892
Morse, Samuel A., Jr.	8893

LAND SURVEYING

Barnett, Fred A.	8894
Bridges, James Peyton	8895
Caraway, Cross Milton, Sr.	8896
Carr, Richard Nelson	8897
Copeland, Jerry Dan	8898
Eaves, Stanley James (re-regis.)	1352
Flahart, Donald O.	8899
Hardin, Ira Lee	8900
Huckelberyy, Charles Howard	8901
Jensen, Lynn Howard	8902
Jones, James David	8903
Kesler, Jack Martin	8904
McDermott, Lawrence Owen	8905
Shreeve, Franklin Keith	8906
Walden, David Lane	8907

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

ARCHITECT-IN-TRAINING

Bishop, Michael R.	125
Bowman, Brent Alan	126
Cusack, Dennis R.	127
McFarland, Richard A.	128
Morris, Steven Douglas	129
Mulligan, Dennis Myles	130

ENGINEER-IN-TRAINING

Bingham, Andrew H., II	1157
Borgatti, Richard John	1158
Boyer, Ronald C.	1159
Daniels, Mark K.	1160
Danielski, Jeffrey James	1161
Davee, Daniel	1162
Demaree, James Crete	1163
Elias, Ramon, Jr.	1164
Fimbres, Frank	1165

ENGINEER-IN-TRAINING - Cont'd.

Hansen, Thomas N.	1166
Johnson, James S.	1167
Jones, Donald Dee	1168
Jones, Mary Katherine	1169
Kao, Samuel Erh-chaing	1170
Leech, William Douglas	1171
Lowery, Timothy P.	1181
Mancini, Frank P.	1172
Newbry, Brooks Walter	1173
Richey, J. W.	1174
Ringwald, Bruce R.	1175
Snyder, Alan R.	1176
Soto, Edward M.	1177
Stiver, Bruce A.	1178
Varela, David	1179
Wozniak, Thomas Carl	1180

REPORT OF THE PUBLIC INFORMATION COMMITTEE

Mr. Wyatt reported on his attendance at the Western Conference of National Architectural Registration Boards' meeting in Salishan, Oregon, on March 7, 8, 9 and 10, 1973. He stated basically, the general discussion was on the new examination format which will be given the first time in June, called the Equivalency Examination. The Professional Examination will be given the first time in December. These examinations will be used by all of the States except New Jersey, Illinois and Idaho. Some states will not be giving any part of the old examination and other States, including Arizona, will also use the old examination along with the new for some undetermined length of time. He reported California is making a study of those with experience only and those with a degree plus which schools attended for comparison of how successful the examination is, and they will send a copy of this study to our Board. He reported that applicants in 5 or 6 states over the next 5 to 10 years will be required to have a professional degree, and by 1980, a masters will be required. In many of the states, six years will be granted for education, considering it is a second degree.

Mr. Wyatt felt that Arizona should make a study on the educational qualifications of its applicants compared to the non-educational applicants. It was suggested that the Architectural Committee cover this.

It was moved by Mr. Girand and seconded by Dr. Newlin that Mr. Wyatt's report be accepted and authorization granted for his travel to this meeting. Motion carried.

REPORT OF THE BUDGET COMMITTEE

No report.

REPORT OF THE EXECUTIVE DIRECTOR

The Executive Director presented Cash Flow Report #3 and commented that expenses through June 30 are expected to be approximately \$92,600 compared with \$83,235 expended in 1971-1972. The current appropriation is \$96,496, leaving approximately \$3,900 available for moving expenses and other contingencies.

Higher volume is the primary reason for the increased expenditure. The percentage increase in applications, registrations, and examinations runs from 20 to 25%.

The Budget Request for 1973-74 was \$104,400, with an addendum of \$1500 to cover the estimated increase in cost of the Annual Report.

It was moved by Mr. Place and seconded by Mr. Vanlandingham that the report of the Executive Director of Cash Flow Report #3 be approved as presented on Minute Page 3181. Motion carried.

READING OF COMMUNICATIONS

Letter from A. R. Turk, Chairman, SEAOA Committee for Uniformity and Reciprocity of Registration Laws, was presented as shown on Minute Page 3182.

Chairman Wyatt asked Mr. Turk, since he was in attendance, for any comments to his letter. He stated that the Structural Engineers Association had contacted California regarding their structural examinations which are given once a year of 16 hours duration. Mr. Girand stated that to become a structural engineer in California, you must be a civil engineer then you must practice for two or three years before you can take the structural examination. In Arizona, it is possible to become registered as a structural without having a civil registration and would not have to know any civil engineering. If Arizona should require the structural engineer to first become registered as a civil, then we could consider Parts 7 and 8 to the present examination.

Dr. Newlin stated he would like to see a recommendation from the Structural Engineers Association regarding this - does the Structural Engineers Association think that we should, in response to the questions contained in their letter, change from 8 hours to 16 hours and if so, why? This Board would then consider it and we would do whatever needs to be done to go from two to four parts.

Mr. Girand suggested that the structural engineers should meet and discuss same and draft a formal letter to the Board.

Dr. Newlin stated that we are having difficulty at this time of finding someone to prepare the structural examination and we do need a hand in preparing same. Mr. Girand felt the examination should cover the entire field of structural engineering.

It was moved by Mr. Vanlandingham and seconded by Mr. Knickerbocker that upon receipt of additional factual information from the Structural Engineers Association as suggested by Dr. Newlin, a committee consisting of Dr. Newlin, Mr. Girand and Mr. Wyatt review their recommendation. Motion carried.

CASH FLOW REPORT - #3

DATE: March 1, 1973

Balance on Deposit as of July 1, 1972 - \$99,279.41
 Balance on Deposit as of Report Date - \$195,871.59
 Total Allocated Receipts to Technical Fund as of Report Date - \$96,592.18
 Technical Fund Balance as of Report Date - \$135,718.28

LUMP SUM APPROPRIATED \$96,496.00

Code	Expenditures	Amount
7112.0	Salaries	\$26,917.92
7151.0	Industrial Insurance	35.80
7153.0	FICA	982.94
7155.0	State Retirement	1,345.92
7156.0	Emp.Contr. Employees Ins.	229.92
7159.0	Personnel Commission	67.50
7216.0	Data Processing	1,543.78
7219.0	Professional Services	4,801.53
7220.0	Travel - State	752.90
7230.0	Travel - Out of State	869,869.84
7251.0	Rent - Office	5,715.72
7259.0	Rent - Auditorium	10.00
7272.0	Maintenance & Repairs	104.77
7280.0	Office Supplies	3,034.05
7331.0	Photographs	29.62
7333.0	Report & Recording	97.00
7334.0	Postage & Meter	2,205.45
7335.0	Telephone	883.41
7337.0	Express	18.35
7342.0	Rent - Xerox	312.09
7360.0	Dues & Subscriptions	1,145.60
7913.0	Revolving Fund	100.00
7921.0	Refunds	49.50

Amount Spent to Date 51,253.61

Balance of Appropriated Monies \$45,242.39

Chairman, Joint Committee for Uniformity
 and Adequacy of Registration Laws

1973

San Diego Board of Trustees

A. R. TURK
CONSULTING ENGINEER
2205 EAST BROADWAY
TUCSON, ARIZONA 85719

03182

PHONE 622-2571

March 7, 1973

RECEIVED

MAR 8 - 1973

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
3550 North Central Avenue
Suite 923
Phoenix, Arizona 85012

Gentlemen:

As I had written previously, the Structural Engineers Association of Arizona has formed a committee to study and promote uniformity and reciprocity of state registration laws, particularly with regard to Structural Engineering. It is in this regard that I am writing this letter.

As you are probably aware, Section 6759 of California's registration law now permits California to grant registration without examination to "... any person holding a certificate of registration issued to him by any state or country when the applicant's qualifications meet the requirements of this chapter, and the rules established by the board."

In regard to Structural Engineering, one of California's requirements is that the applicant pass 16 hours of examination over and above the Civil Engineer exam. This committee would like to know if the State Board would favor expanding the Structural Engineer exam from 8 hours to 16 hours over and above the Civil Engineer exam?

Also, California has in the past offered one of the western states the opportunity of holding a joint structural examination. Inasmuch as California offers their Structural Engineer exam once annually, this committee would like to know if the State Board would favor a joint structural examination with California, if offered, on parts 5, 6, 7, and 8?

Looking forward to your reply, I remain

Very truly yours,



A. R. Turk, P.E.
Chairman, SEAOA Committee for Uniformity
and Reciprocity of Registration Laws

ART:r
cc: SEAOA Board of Trustees

READING OF COMMUNICATIONS - Cont'd.

Letter from H. W. Lydick, regarding William P. Murphy, who withdrew his electrical engineering application and was denied at the December 10, 1971, Board meeting, was presented. Mr. Knickerbocker stated that when Mr. Lydick wrote this letter, he did not know the status of William P. Murphy's application with the Board. At the time of Mr. Murphy's application, his experience was more building than specific electrical design even though his education was basically electrical.

It was moved by Mr. Knickerbocker and seconded by Mr. Girand that the Executive Director write a letter to Mr. Lydick informing him that Mr. Murphy withdrew his application at his request and he is not an active applicant, also, advising the policy of the Board regarding oral examinations. Motion carried.

Letter from Lacy C. Greer, regarding the Navajo County Engineer, as shown on Minute Page 3184, was discussed together with the letter from M. J. O'Haco, Chairman, Navajo County Board of Supervisors, as shown on Minute Page 3185.

It was moved by Mr. Griand and seconded by Dr. Newlin that the Executive Director write to the Attorney General, sending a copy of the letter from Mr. Lacy Greer, and request and opinion as to whether a county engineer has to be a registered engineer. Motion carried.

Letter from Mr. Harvey T. Munn, regarding exemption from payment of the renewal fee, age 82, was discussed by the Board. It was moved by Mr. Vanlandingham and seconded by Dr. Newlin that Mr. Munn's license for 1972 be renewed without renewal fee or penalty and that his application for renewal for 1973 be accepted without payment of the renewal fee. Motion carried.

Letters from Sam A. Phillips, Richard N. Pearce, Jeff D. Hardin, William A. Sawyer and John B. Oder regarding golf course design were presented for discussion.

It was moved by Mr. Girand and seconded by Mr. Vanlandingham that the Executive Director be instructed to write these various people who addressed these letters to the Board as follows:

The Board has established this policy, "It is the prerogative of the client to select and designate the prime professional and to approve the collaborating professionals selected for his project."

And that the law in regard to landscape architecture was initiated in the Legislature and not initiated by the Board. Motion carried.

Letter from the Nevada Board of Architecture requesting a copy of the format of testing our applicants on the laws of our State was presented. It was moved by Mr. Vanlandingham and seconded by Mr. Knickerbocker that we send a copy of our law examination with the comment that this examination was prepared and evaluated by professional experts as to whether they are valuable and it further pursues the import of the law. Motion carried.

C3184



Greer Engineering Company

ENGINEERING CONSULTANTS

January 12, 1973

RECEIVED

JAN 15 1973

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

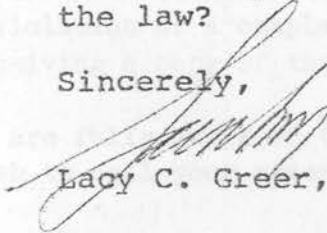
STATE BOARD TECHNICAL REGISTRATION

Dear Mr. Drewry:

Our present Navajo County Engineer, Mr. Duane Walker, has been acting in this capacity for the past two (2) year, or more. He has signed plats and documents, as an Engineer.

The Roster does not list him as a registered Engineer. Is he exempt as a County Employee or is he violating the law?

Sincerely,


Lacy C. Greer, President

LCG/fsg

WILLIAM M. SMITH, MEMBER
P. O. BOX 61
HOLBROOK, ARIZONA 86025

M. J. (MIKE) O'HACO, CHAIRMAN
P. O. BOX AX
WINELOW, ARIZONA 86047

MAX E. TAYLOR, MEMBER
P. O. BOX 718
SHOW LOW, ARIZONA 86901

BOARD OF SUPERVISORS
NAVAJO COUNTY
HOLBROOK, ARIZONA 86025

03185

DOROTHY J. LEAVITT
CLERK

NELDA B. HUNT
DEPUTY CLERK

February 8, 1973

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

RECEIVED
FEB 15 1973
STATE BOARD TECHNICAL REGISTRATION

Dear Mr. Drewry:

Thank you for your letter of January 25, 1973 concerning Mr. F. Duane Walker. Mr. Walker is the Director of Public Works and Engineering as well as the County Engineer for Navajo County.

We are not aware that Mr. Walker has in any way conducted himself contrary to or in violation of any codes. However, if you have information supporting a violation or a complaint from some source, we would greatly appreciate receiving a copy of the particulars of the situation.

We are fully aware of the statutes as listed in your letter. However, we wish to call your attention to A.R.S. 11-561, 562, and 563.

Mr. Walker is interested in being registered, if time ever permits, and perhaps you could forward us the information concerning the procedures involved.

Very truly yours,

M. J. O'Haco

M. J. O'Haco, Chairman
Navajo County Board of Supervisors

MJO/rh

UNFINISHED BUSINESS

At the December 1, 1972, Board meeting, the Chairman appointed an ad-hoc committee consisting of John Girand, C. W. Dryden, James L. Knickerbocker, Lew Place and M. L. Vanlandingham to review the National Council of Engineering Examiners Suggested Model Rules of Professional Conduct for Adoption by State Registration Boards, and as a result of their review, the committee requested the Chairman to have the Executive Director write a letter to the Attorney General for an opinion on these suggested models rules of N.C.E.E.

The Assistant Attorney General's opinion is as shown on Minute Pages 3187 - 3190.

It was moved by Mr. Girand and seconded by Dr. Newlin that the Board forget the whole business. Motion carried with Mr. Vanlandingham voting nay.

It was moved by Mr. Knickerbocker and seconded by Mr. Girand we reconsider the previous action for the purpose of tabling this item. Motion carried.

NEW BUSINESS

Discussion was requested on letter from Gerald L. Clark, President, Central Arizona Chapter, American Institute of Architects. Regarding this letter, Pages 3191-92, on the Paradise Valley High School, the Executive Director reported that the drawings and specifications of the student activities building were prepared by the school district staff for the purpose of securing bids of this portable steel building. After which the final plans would be designed by an engineer to be engaged by the successful bidder.

Mr. Knickerbocker stated that we advise Mr. Clark that the Board does sense some violation and ask him to consider this as a misdemeanor and to file action with the appropriate authorities or this Board can go into civil action.

Dr. Newlin felt that no violation has occurred. We should inform the school district a set of plans are required with an architect's seal or if they want to specify an engineer they can but final plans require an architect should be involved.

Also, suggested when writing the school board that the manner in which they are asking for bids is not in conformance with our law by requesting for public bids without the benefit of an architect or engineer's seal on the drawings.

It was moved by Mr. Place and seconded by Dr. Newlin that the Executive Director be directed to notify the Board of Trustees of Paradise Valley School District they are asking for bids of a public building in violation of the Arizona Revised Statutes as there are no proper seals on the drawings on which the bids are required with a carbon copy of this letter to Mr. Clark. Motion carried with Mr. Knickerbocker abstaining.

Mr. Wyatt stated that although the bid specification is not well drafted, it does call for a proposal to design and build, and that our response does not properly cover the problem involved.



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

03187

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

March 5, 1973

RECEIVED

MAR 6 - 1973

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
3550 North Central Avenue, Suite 923
Phoenix, Arizona 85012

Re: "Suggested Model Rules of Professional Conduct
for Adoption by State Registration Boards."

Attention: Mr. Ted Drewry

Gentlemen:

This is in reply to your inquiry asking whether the State Board of Technical Registration would have statutory authority for the incorporation of the National Council of Engineering Examiner's "Suggested Model Rules of Professional Conduct for Adoption by State Registration Boards" into the rules of the Board.

The State Board of Technical Registration has authority under A.R.S. § 32-10 G A (1) to adopt rules only for the "performance of duties imposed upon it by law". One of those duties is determining disciplinary matters in relation to gross negligence, incompetence, bribery, or other misconduct in the practice of a registrant's profession under A.R.S. § 32-128. There would thus be authority for the Board to establish rules pertaining to these matters. There would be no authority to establish rules relating to "unprofessional conduct" or ethics outside of the specific areas falling within the Board's statutory duties.

With this in mind we will review each of the suggested model rules referring to the copy you sent us:

Suggested Rule No. 1 could be adopted by the Board if it found that not reporting the over-ruling of a registrant's judgment in his professional duties in circumstances where the public health, welfare and safety is endangered would constitute gross negligence under A.R.S. § 32-128 A(2).

State Board of Technical Registration
March 5, 1973
Page Two

Suggested Rules Nos. 2(A) and (B) appear to authorize conduct broader than the practice in another professional category allowed by A.R.S. § 32-143 and there would be no statutory authority for their adoption.

Suggested Rule No. 2(C) conflicts with A.R.S. § 32-125 C which allows a registrant to seal only work prepared by himself or his bona fide employee. There would thus be no statutory authority for its adoption.

Suggested Rule No. 2(D) requires an examination of a registrant to determine his competence in a specific matter or field prior to the performance of an assignment; there is no provision for post-registration examinations under Arizona law.

Suggested Rules Nos. 3(A), (B), (C) and 4(A), (B), and (C) pertain to general ethics. There is no statutory authority for their adoption by your Board.

Suggested Rule No. 4(D) prohibiting solicitation or acceptance of valuable considerations for specifying particular products could be adopted by the Board if its violation were held to constitute bribery under A.R.S. § 32-128 A.

Suggested Rule No. 4(E) pertains to general ethics, with no statutory authority for its adoption by the Board.

Suggested Rule No. 4(F) appears to be in conformance with A.R.S. § 38-503, which prohibits public officers from participating in decisions pertaining to their own services or products.

Suggested Rule No. 4(G) is much narrower than the activity authorized by A.R.S. § 38-503. It could not be adopted by the Board without specific statutory authority.

Suggested Rule No. 5(A) could be adopted only if the prohibited payments to secure work were held to constitute bribery under A.R.S. § 32-128 A in every instance in which such a payment might be made. If this would not be true, there would be no statutory

State Board of Technical Registration
March 5, 1973
Page Three

authority for adoption of the rule.

Suggested Rule No. 5(B) prohibiting competitive bidding would have no statutory authority for adoption, as solicitation of employment and contracts is not prohibited under Arizona law nor could it be established that competitive bidding on a project would in itself endanger the public health, welfare or safety.

Suggested Rule No. 5(C), prohibiting misrepresentation of qualifications and other acts could be adopted only upon a finding by the Board that its violation would in every instance constitute a violation of A.R.S. § 32-128 A (2) in contravention of the public health, welfare and safety.

Suggested Rule No. 6(A) could be adopted if the Board were to find that its violation would constitute a violation of A.R.S. § 32-128 A (2) in contravention of the public health, welfare and safety, but only if the written rule were modified to confine it to the use of the registrant's name or firm name in the practice of his profession.

Suggested Rule No. 6(B) could perhaps be adopted by the Board under its authority to make investigations under A.R.S. § 32-128 B, but the Board would have no authority to discipline a registrant for failure to comply with the Rule in the absence of specific statutory authority to do so.

The unnumbered suggested rule following suggested Rule No. 6, making conviction of a felony or revocation or suspension in another jurisdiction a violation of the statutes or of the rules, could not be adopted by the Board as it would require specific statutory authority and there is none in Arizona.

If any of the proposed rules are adopted by the Board, they must be worded so as to apply to all registrants governed by the Board, regardless of the individual professional category.

State Board of Technical Registration
March 5, 1973
Page Four

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

STIRLEY NEWELL CANTOR
Assistant Attorney General

February 4, 1973

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

SNC:lh

Dear Ted:

I am submitting a set of plans and specifications that have recently come to my attention for appropriate notice. I have advised the plans along with my Chapter Liaison to the State Technical Registration Board, Al Henry Taylor, Architect, A.I.A., and several other of my professional colleagues. We have come to the obvious joint conclusion that the work proposed, and apparently sanctioned by the Paradise Valley School District, is less than professional and certainly violates several State Statutes, including the Technical Registration Act requiring a registered architect or engineer's involvement in the preparation of such documents for any projects of this scope, let alone classroom building of approximately 12,000 feet, which obviously will exceed the \$50,000 present minimum limitations requiring a licensed professional.

Specifically, I am requesting the President of the Central Arizona Chapter of the American Institute of Architects

C3191



THE CENTRAL ARIZONA CHAPTER ... PHOENIX, ARIZONA 85013

THE AMERICAN INSTITUTE OF ARCHITECTS ... 3124 NORTH THIRD AVENUE

TELEPHONE (602) 264-1197

February 2, 1973

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

Dear Ted:

I am submitting a set of plans and specifications that have recently come to my attention for appropriate action. I have examined the plans along with our Chapter Liaison to the State Technical Registration Board, Al Henry Saylor, Architect, A.I.A., and several other of my professional colleagues. We have come to the obvious joint conclusion that the work presented, and apparently sanctioned by the Paradise Valley School District, is less than professional and certainly violates several State Statutes, including the Technical Registration Act requiring a registered architect or engineer's involvement in the preparation of such documents for any projects of this scope, let alone classroom building of approximately 12,000 feet, which obviously will exceed the \$50,000 present minimum limitations requiring a licensed professional.

Specifically, I am requesting as President of the Central Arizona Chapter of the American Institute of Architects

Mr. Edward G. Drewry
Executive Director
February 2, 1973
Page 2

03192

that the Executive Board of Technical Registration take appropriate action regarding a non-registrant practicing the profession of architecture in violation of our State Technical Registration Act.

I would appreciate a response to your Board's disposition in this matter.

Thank you.

Sincerely,



Gerald L. Clark, A.I.A.
President, C.A.C.A.I.A.

GLC:kd

cc: Mr. James F. Lindlan, A.I.A.
Central Arizona Chapter, American Institute of
Architects/Attention: Executive Secretary

Enclosures

- Architectural Evaluation Committee
- Landscape Architectural Committee - May 18 and 19, 1973
- Engineering Regulation Committee - May 18, 19, and 20, 1973
- Engineering Examination Committee - June 7, 1973
- Board Meeting - June 11, 1973, at Phoenix

It was moved by Mr. Girand and seconded by Mr. Vanlandingham a copy of this letter be sent to the Editor of the Architect's magazine and a copy to the Editor of the Arizona Consulting Engineers Association magazine, and in both letters request be given such space as available for publication. Motion carried with Mr. Knickerbocker abstaining.

It was suggested by Mr. Vanlandingham that in the letter to the Paradise Valley School District, it be opened with "on information furnished to the Board."

On a report from Frank M. Findlay, Coconino County Engineer, regarding plans for Mormon Lake Lodge Sewer System and Treatment Plant signed and sealed by Carl Eugene Franzoy, registered Professional Engineer (Agricultural), No. 7058, it was moved by Mr. Knickerbocker and seconded by Mr. Girand that we start action toward a formal hearing relative to the action of Mr. Franzoy in regard to not practicing within his discipline. Motion carried.

Letter from Dwight L. Busby, Past President of the Central Arizona Chapter, American Institute of Architects, as shown on Minute Page 3194, was discussed. It was moved by Mr. Vanlandingham and seconded by Mr. Place that this letter be held in abeyance without comment until such time as a building permit has been applied for and the appropriate action be taken at that time for a formal hearing. Motion carried.

Letter from State Representative Jim Skelly was presented, shown on Minutes Pages 3195-96. It was moved by Mr. Girand and seconded by Mr. Knickerbocker that the Executive Director be instructed to reply to Rep. Skelly, as shown on Minute Page 3197. Motion carried.

Authorization for attendance to the Western Zone meeting of the National Council of Engineering Examiners May 6, 7 and 8, 1973, at Scottsdale, Arizona, was requested. It was moved by Mr. Knickerbocker and seconded by Mr. Place that those members who wish to attend the Western Zone meeting in Scottsdale be so authorized. Motion carried.

Mr. Wyatt stated that Arizona would be the host for the Western Conference of National Architectural Registration Boards' annual meeting next year in March, 1974.

The following dates for the May committee meetings and June Board meeting were selected:

Architectural Evaluation Committee &	
Landscape Architectural Committee	- May 14 and 15, 1973
Engineering Evaluation Committee	- May 16, 17, and 18, 1973
Engineering Examination Committee	
to review April exam grades	- June 7, 1973
Board Meeting	- June 11, 1973, at Flagstaff



03194

THE CENTRAL ARIZONA CHAPTER ... PHOENIX, ARIZONA
THE AMERICAN INSTITUTE OF ARCHITECTS ... 2720 NORTH SIXTEENTH STREET
TELEPHONE 279-2248

NEW ADDRESS: 3124 North 3rd Ave.
Phoenix, Az. 85013

December 19, 1972

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

RECEIVED
DEC 21 1972
STATE BOARD TECHNICAL REGISTRATION

Re: Don Woods

Dear Sir:

Attached is a xerox copy of an article printed in the November 27, 1972, The SUN, Flagstaff, Arizona.

It states that Don Woods is the architect, and that Leroy Gaberel is the engineer.

It appears that there are two violations of the registration act that requires investigation. Mr. Woods is again practicing as an architect and that Mr. Gaberel may be aiding and abetting a non-registrant.

Yours truly,

Dwight L. Busby
Dwight L. Busby
President

DLB/my
cc: Jerry Clark, V.P.

Attachment

JIM SKELLY
221 E. INDIANOLA
PHOENIX, ARIZONA 85015



COMMITTEES:

ECONOMIC AFFAIRS, CHAIRMAN

EDUCATION

RULES

WAYS AND MEANS

Arizona House of Representatives
Phoenix, Arizona 85007

03195

THIRTY-FIRST LEGISLATURE
1973-1974

February 23, 1973

RECEIVED

FEB 20 1973

STATE BOARD TECHNICAL REGISTRATION

State Board of Technical Registration
3500 North Central Avenue, Suite 923
Phoenix, Arizona 85012

ATTENTION: Edward G. Drewry
Executive Director

Dear Mr. Drewry:

A number of problems have been brought to my attention recently by a constituent of mine, and I would appreciate your comments. I am quoting directly from a letter received by me.

"The Land Surveyor examiner requires 16 hrs. This breaks down into 960 minutes. We are told there were close to 550 questions asked during the last examination, allowing an average of 1 minute and 45 seconds per question. Four hours of the test consists of computations of survey problems and other questions require sketches be made to clarify the answers. This materially reduces the per question time allowed for other questions.

Since the registration 7000 has been issued approximately 35 Arizonans and 39 out-of-staters have been registered. It is natural that the large majority of out-of-staters have been registered under reciprocity. Why such a small number of Arizonans?

Many of the Arizonans also hold Professional Engineers licenses. We are told that these do not write the Land Surveyors examination but are asked only a few simple questions. It would seem (1) that to pass the examination is impossible or practically so when given in full, (2) all people being registered as Land Surveyors are not required to take this examination.

Edward G. Drewry

February 23, 1973

There are many questions that need answering and clarification before long or there will be hard and bitter feelings between all P.E.'s and R.L.S.'s.

Is the Board of Technical Registration inadvertently practicing discrimination towards the R.L.S.'s and applicants? It would seem so and I would appreciate answers to these inquiries at the earliest possible date."

Again, I would appreciate your comments, and perhaps we can get together to discuss the situation.

Sincerely,

Jim Skelly

JIM SKELLY
State Representative

JS:dh

MASSACHUSETTS BOARD OF
TECHNICAL REGISTRATION

Edward G. Drewry
Executive Director

State Board of Technical Registration

FOR

ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS
3350 N. CENTRAL AVENUE, SUITE 923
PHOENIX, ARIZONA 85012
271-4053

March 20, 1973

Representative Jim Skelly
Arizona House of Representatives
State Capitol
Phoenix, AZ 85007

Dear Rep. Skelly:

Further to your letter on the subject of Land Surveyor examinations, the Board considered the matter at the regular meeting held on March 16, 1973, and will be pleased to discuss the situation with you at a suitable time.

The Board is of the opinion that the majority of applicants, although eligible to take examinations in accord with the law, are experiencing difficulty because their education has not provided the necessary fundamentals on which land surveying is based.


Many applicants have not graduated from high school. Some have attempted to acquire theoretical knowledge by means of home study; others have taken short courses wherever available.

The major problem today is that our schools, including the engineering schools, offer a very limited curriculum in land surveying. It is hoped that you might inquire into this condition, because the determination of boundaries for the purpose of conveyancing and recording is vital to the public welfare, and can be accomplished accurately only if the land surveyor has an adequate knowledge of the principles involved.

In the opinion of the Board, any substantial easing of the examination requirements to fit the average applicant's qualifications, would be detrimental to the public welfare.

Sincerely,

ARIZONA STATE BOARD OF
TECHNICAL REGISTRATION



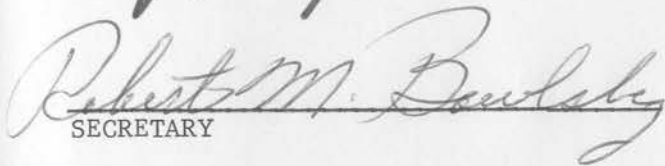
Edward G. Drewry
Executive Director

EGD/js

ADJOURNMENT

It was moved by Dr. Newlin and seconded by Mr. Vanlandingham that the meeting be adjourned at 2:50 P.M.


CHAIRMAN


SECRETARY