

THE MINUTES OF THE SPECIAL MEETING OF THE STATE BOARD OF TECHNICAL REGISTRATION
January 17, 1963

The 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, 624 Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 2:05 P.M.

PRESENT

C. W. Dryden, Chairman
Martin Ray Young, Jr., Secretary
H. L. Royden
Billy Joe Shell
Frederick P. Weaver, Jr.

ABSENT

John H. Stufflebean, Vice-Chairman
John Girand
E. D. Herreras
Thomas L. Martin, Jr.

Minutes of the previous meetings approved at meeting on December 15, 1962.

REPORT OF THE EXECUTIVE COMMITTEE

None

REPORT OF THE CERTIFIED PUBLIC ACCOUNTANT

None

REPORT OF THE BY-LAWS AND RULES COMMITTEE

None

REPORT ON EXAMINATIONS

The Examination Committee met at 9:00 A.M., January 17, 1963. Dr. Shell recommended that the Board change the way the examinations have been given in the past in that the Committee would like to form the examination themselves. Dr. Shell requested the Executive Secretary to prepare a survey of examinations for the meeting in February. The meeting was then opened for discussion. Mr. Young said that the architects were referring back to old examinations quite often so that no duplication occurs and still cover the same general area. Dr. Shell moved that the examination committee form the examinations for April of 1963 from a review of the past examinations given along with other added questions on professionalism that they might come up with. Seconded by Mr. Royden and carried unanimously. Dr. Shell requested the Executive Secretary to write to all other states and procure copies of their examinations if possible. This would help in evaluating the written examination that an applicant has taken in another state. Also, Dr. Shell wished to recommend to the Board that they only give two E.I.T. examinations each year at the same time as our normal examination period. The last week in April was set for the examinations, the E.I.T. to be on April 27th, the rest of the examination the following week. Dr. Shell moved that we do schedule our E.I.T. examination to coincide with the regular examinations. Seconded by Mr. Weaver and carried unanimously. Dr. Shell recommended that this office maintain and purchase, if possible, all books or records of examinations that have been used in the country on professional engineering, including books of the laws of other states. All members were in agreement. Dr. Shell moved that the Board accept the revised list of grades. Seconded by Mr. Young and carried unanimously.

ARCHITECTURE

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
* 678	Adelman, Gerald S.	75	81	Ex	Ex	Ex	Ex	Ex	C, D
697	Amarantides, John ✓	P	P	142	55	P	64.5	P	
688	Amin, Kamal ✓	P	77	130	54	P	53.5	P	D
681	Birtch, Dale Ray	P	78	125	75	P	79.4	P	D, F, H
687	Brodsky, Daniel	P	54	P	85	P	P	P	F
716	Colvig, Kirk	P	P	P	87	P	72.9	P	F
693	Cruthis, James Hall	54	78	182	73	P	72.2	P	D, E
682	Cummins, Robert A.	P	65	155	P	P	P	P	E
695	Dodge, David Elgin	P	89	135	70	P	68.3	P	D
696	Fellows, Rushia Glen		P	165	60		P	40.5	E
705	Fitzmaurice, Ralph T., Jr.	P	P	P	81	P	72.9	P	F
704	Freedlund, Lawrence H.	39	P	P	77	P	54.8	P	F
715	Jasper, James V.	75	P	P	70	P	81.9	P	C, H
699	Lawton, Robert M.	P	P	135	81	P	79.4	P	F, H
* 680	Lendrum, Peter Alexander	P	86	185	93	P	79.4	P	D, E, F, H
753	Martinez, Ray	54	P	P	P	69	P	P	
684	Martino, Dom	P	89		P		75.4	47	D, H
* 683	Merry, James L.	P	95	185	88	P	80.6	P	D, E, F, H
722	Moll, Fredric H.	Ex	Ex	Ex	Ex	Ex	63.8	Ex	
691	Perkins, Glen Dale,	68	81	Ex	Ex	Ex	79.4	Ex	D, H
* 701	Putt, Anthony	P	P	P	96	P	78	P	F, H
677	Rankin, William Potter	55	65	130	73	P	78.7	P	H

ARCHITECTURE

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
721	Rice, Harry	P	P	P	P	68	74.8	P	
* 694	Roberts, Robert M.	P	77	P	P	P	P	P	D
* 712	Ross, Kenneth H.	P	P	P	79	P	P	P	F
685	Schutz, Charles C.	37.5	55	115	71	54	69	57.7	
* 759	Shill, Victor Lamar	P	P	P	P	75	P	P	G
707	Sutterley, Edmund Leon, Jr.	P	P	P	65	P	P	P	
689	Tang, Andrew	P	84	128	66	P	72.9	P	D
698	Thompson, Kenneth C.	P		112	P	P	P	P	
* 708	Tom, Ken G.	P	P	P	.90	P	P	P	F
690	Wielgus, Ronald S.	P	71	P	P	P	P	P	
679	Willoughby, Rex E.	84	76	130	77	P	76	P	C, D, F, H
692	Witner, James E.	P	52	152	P	P	P	P	E
* 686	Zsitvay, Gabor Lorant	P	P	150	P	P	P	P	E

ARCHITECT-IN-TRAINING

747	Baker, Frederick E.	63.5				P		P	
748	Barstad, Alden W.	67.5				P		P	
737	Billingsley, LeRoy C.	72					81	62.8	G
725	Brown, Gordon Vallance	68					58	65	
734	Chaney, Wayne W.	49					47	56.5	
743	Chayes, Stewart L.	75					81	59.4	C, G
739	Cipolla, Caesar E.	52.5						61	
749	Clark, Gerald L.	66					P	P	

ARCHITECT-IN-TRAINING

No.	Name	C	D	E	F	G	H	I	Passed
		History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	
741	Cramer, Donald H.							64.5	
751	Devenney, Edman L.	69				72		P	
730	Edminster, Warren G.	62				69		68.5	
728	Eley, William Russell	60.5				87		65	G
735	Greene, Richard M.					67		57.7	
740	Griffin, Charles Edward	53				43		57	
746	Judd, Larry Dea	75				90		56	C, G.
742	McGarrity, Jack Johnston	35				33		59.4	
* 756	McGrath, George Frank	P				97		P	G
745	McKenzie, Robert Francis	69.5				72		54.2	
731	Mather, Patrick J. C.	83.5				76		67.4	C, G
727	Norling, Kenneth Ronald	68.5				75		48.5	G
726	Pace, Fred Rankin	50				89		60.5	G
750	Paul, Alan V.	70.5				P		P	
733	Poage, Richard B.	P				P		69	
729	Reynolds, John Spencer	85				84		63.4	C, G
* 758	Sutton, Michael Hall	P				85		P	G
732	Thayer, Gerald Lynn	56				75		57.7	G
757	Thurman, Edward	P				59		P	
761	Turek, Robert L.					76		P	G
754	Wall, Thomas	51				P		P	
752	Witte, Willard W.	54				61		P	

ENGINEER-IN-TRAINING

No.	Name	Part 1	Part 2	Passed
912	Bartholomew, Richard L.	P	54	
921	Bedenkop, Dale Vinton	53	66	
913	Brooks, James E.	60	42	
909	Brown, Wayne R.	71	44	1
906	Cashin, James A.	58	76	2
925	Clarke, William B.	57	72	2
908	Cota-Robles, Armando	60	66	
926	Coughlin, William I.	52	62	
* 915	Dea, Stanley J.	73	88	1, 2
924	Denison, Russell Leroy	13	36	
930	DeVore, James C.	P	52	
* 911	Geiser, Edward F.	71	90	1, 2
* 904	Helfinstine, Paul	78	78	1, 2
916	Herfkens, Francis R.	48	64	
* 917	Humphrey, Robert J.	P	80	2
928	Judd, A. James	45	70	2
931	Knapp, John D.	P	68	
* 932	Legge, Henry L.	P	82	2
907	Lytte, Charles S.	57	88	2
* 918	Malcolm, Robert Bruce	77	76	1, 2
927	Mock, Frederick A.	55	60	
919	Paquette, John E.	53	P	
914	Pyles, David H.	51	68	
903	Rader, Tommy F.	48	52	
* 905	Snipes, Roger L.	75	P	1
920	Swartz, Reginald	58	68	
* 910	Taylor, Robert L.	72	78	1, 2

ENGINEER-IN-TRAINING

No.	Names	Part 1	Part 2	Passed
922	Thomas Edward D.	20	52	
929	Wiestling, Joshua M.	53	18	
923	Wilt, James I.	40	52	

CIVIL ENGINEERING

No.	Name	1st Day		2nd Day		Passed
		1.	2.	3.	4.	
785	Brechler, Ronald C.	Ex	Ex	57	62	
798	Bridwell, George L.	Ex	Ex	P	32	
815	Budwig, Jerry	Ex	Ex	76	0	3
* 793	Ceske, Michael Alfred	Ex	Ex	P	90	4
* 787	Collins, John S.	P	P	85	80	3, 4
788	Copple, Raymond B.	Ex	Ex	29	P	
* 776	Cota, Froilan H.	Ex	Ex	77	75	3, 4
783	Evans, Max E.	P	P	64½	4	
777	Findlay, Frank McRae	P	P	43	100	4
* 775	Gardner, Eldon Claire	Ex	Ex	83	80	3, 4
781	Gill, Edgar L.	Ex	Ex	22	65	
786	Gilmore, Earl P.	Ex	Ex	15	P	
764	Gostinski, Leonard	40	11	45	P	
790	Grimm, Albert A.	Ex	Ex	53	70	4
792	Gutierrez, Rosendo, Jr.	P	35	56	40	
782	Heinke, W. R.	Ex	Ex	64	62	
784	Hook, John M.	P	P	54	50	
763	Hutchinson, Quinn L.	54	43	P	P	
791	Kienitz, Robert D.	Ex	Ex	34	P	
778	Kirby, Earl O.	P	P	53	P	
766	Lahlum, Arne	76	P	91	40	1, 3
774	Lamb, Lawrence G.	Ex	Ex	66	50	

CIVIL ENGINEERING		1st Day		2nd Day		Passed
No.	Name	1.	2.	3.	4.	
789	Latham, James C.	Ex	Ex	31	P	
795	Lathrop, Francis H.	P	36	64	60	
800	Loebs, T. L.	P.	P	P	25	
780	Lundberg, John A.	P	P	62½	P	
824	McCormick, Thomas A.	Ex	Ex	87½	48	3
818	Marr, Douglas Ian	Ex	Ex	83	30	3
807	Marshick, Allan Russell	Ex	Ex	51	70	4
820	Mear, Harvey Alan	P	P	50	39.2	
806	Mendenhall, Wesley Sanford, Jr.	Ex	Ex	80	60	3
814	Michaels, Gus R.	P	P	92½	60	3
805	Miller, Charles R., Jr.	Ex	Ex	44	70	4
819	Miller, Roy C.	Ex	Ex	34	P	
* 762	Mogg, Joe Luther	Ex	Ex	72½	P	3
812	Montano, Manuel T.	P	P	77	53	3
804	Morgan, Donald C.	Ex	Ex	60	50	
768	Mumm, Jake F., Jr.	36	17	30		
821	Munoz, Eleazar J.	P	P	60	59	
830	Myers, H. Lee	P	P	P	16	
803	Norton, Gerald Allan	Ex	Ex	41	0	
* 796	Obele', Michael	P	P	P	86	4
801	O'Dell, William Lee	P	73	P	34	2
802	Ogden, Buckley Lester	P	P	71	54	3
797	Ohnesorgen, William B.	P	33	61	4	
822	Osborn, Herbert B.	Ex	Ex	49	20	
779	Overacker, George R.	P	P	68	75	4
811	Pearce, Richard N.	P	P	62	75	4
767) 831)	Place, Kenneth M.	56	P	P	75	4

CIVIL ENGINEERING

No.	Name	1st Day		2nd Day		Passed
		1.	2.	3.	4.	
773	Ramsey, William A.	65	27	48	35	
794	Ratermann, Mark J.	P	57	P	P	
* 823	Renard, Kenneth G.	Ex	Ex	76	85	3,4
825	Richard, Harold Ray	Ex	Ex	51	10	
826	Roe, E. Chester	Ex	Ex	40	P	
813	Smith, Boyd	P	P	60	P	
765	Smith, Robert H.	48	18	46	P	
770	Soyster, George W.	56	25	34	85	4
808	Starck, William G.	P	P	51	26	
829	Vance, George C.	Ex	Ex	P	65	
772	Voelker, Edward Dick, Jr.	63	45	78	75	3, 4
816	Walker, Roger Paul	P	P	61	80	4
832	Way, Howard M.	P	P	P	60	
769	Wigal, D. V.	57	55	P	14	
817	Wittman, Joseph M.	Ex	Ex	14	6	
827	Wolfe, Donald Rex	P	P	38	70	4
809	Wright, Paul M.	Ex	Ex	61	20	
* 810	Zuendel, Lee W.	Ex	Ex	82	90	3, 4

STRUCTURAL ENGINEERING

	Name	1st Day		2nd Day		3rd Day	
		1.	2.	3.	4.	5.	6.
828	Adam, Carl Herman	Ex	Ex	P	24	P	P
859	Carey, William Baldwin	Ex	Ex	P	P	34	34
858	Mertz, Walter Leonard	Ex	Ex	Ex	Ex	60	26
* 850	Quick, Bayard R.	Ex	Ex	Ex	Ex	70	P 5

MECHANICAL ENGINEERING

	Name	1st Day		2nd Day		
		1.	2.	3.	4.	
840	Berge, Craig M.	P	P	70	60	3
855	Bodell, Cornell	Ex	Ex	53	P	
836	Cain, Archie	Ex	Ex	13	60	

MECHANICAL ENGINEERING

No.	Name	1st Day		2nd Day		Passed
		1.	2.	3.	4.	
* 843	Caldwell, David F.	P	P	70	P	3
* 842	Campbell, Donald James	P	P	71	70	3, 4
857	Carver, William L.	Ex	Ex	60	P	
845	Christoph, Chris K.	Ex	Ex	19	40	
852	Festin, Glen Robert	P	P	50	63	
862	Giclas, Henry Lee, Jr.	P	P	57	75	4
837	Howard, Robert Grant	P	P	50	65	
841	Jones, Roswell	Ex	Ex	57	58	
* 848	Larsen, William E.	Ex	Ex	70	70	3, 4
863	Martin, William Otto	P	P	50	P	
* 844	Novak, Oscar K.	Ex	Ex	71	72	3, 4
851	Palmer, Stewart R.	Ex	Ex	39.3	P	
* 833	Rose, Harding	Ex	Ex	70	70	3, 4
771) 860)	Schreiber, Martin Bishop, Jr.	46	33	24	40	
* 835	Schwinn, James Russell	Ex	Ex	70	P	3
856	Shaner, William Lindsay	Ex	Ex	54	58	
864	Sybert, Warren M.	Ex	Ex	0	0	

ELECTRICAL ENGINEERING

861	Bowser, Robert Warren	Ex	Ex	17	92	4
839	Gordon, Joseph P.	Ex	Ex	0	89	4
* 846	Jensen, Fred J.	Ex	Ex	70	86	3, 4
847	Patchett, Frank G.	Ex	Ex	12	P	
849	Thomas, John F.	Ex	Ex	47	P	

MINING ENGINEERING

853	Alexander, Donald J.	Ex	Ex	65	62	
* 838	Bale, Richard P.	Ex	Ex	86.6	P	3
* 834	Stott, Charles Edwin, Jr.	Ex	Ex	90	80.5	3, 4

GEOLOGY

No.	Name	1st Day		2nd Day		Passed
		1.	2.	3.	4.	
* 736	Ford, Robert	Ex	Ex	80½	70	3, 4
703	Lewis, Ezra Harold	80	70	81½	37½	1, 2, 3
* 744	Raabe, Robert G.	P	P	80	P	3
709	Urband, Howard	85	70	78	56½	1, 2, 3

LAND SURVEYING

714	Anderson, John Calvin	45	50	P	P	
702	Bellows, Floyd F.	35	24	60	45	
706	Byrne, William E. R., III	75	22	50	77	1, 4
724	Kelch, Robert William	P	36	P	P	
* 738	Kramer, John Peter	Ex	Ex	70	76	3, 4
710	Lay, George J.	67	64	P	97	4
* 720	McDonald, Vance L.	P	74	P	P	2
700	Martin, Arthur Henry	58	60	77	60	3
719	Meredith, Howard L.	P	48	P	P	
713	Preble, Robert Emmett	49	P	26	45	
723	Shirley, William B.	P	40	P	P	
718	Sindel, Fred	56	78	68	57	2
717	Winter, C. G., Jr.	55	58	P	51	
* 711	Yarbrough, Frank Louis	77	86	74	78	1, 2, 3, 4

It was suggested that the Board set up a routine for the personal audience as to questions to ask the applicants. This was referred to the Examination Committee.

REPORT OF PUBLIC INFORMATION COMMITTEE

Mr. Young read a letter he had written to Mr. Stufflebean in reply to his letter regarding El Tanque Bowling Lanes. He also reported that he had three architects, Bill Baker, Ray Steinbeigle, and himself, review these plans. Cliff Mann and John Parsons reviewed the structural portions. Mr. Dryden suggested that we give this letter to our Assistant Attorney General for his advice before it is released. The Executive Secretary is to ask Jerry Lawson about the procedure to follow and about releasing this to the press.

REPORT OF N.C.A.R.B. COMMITTEE

Mr. Weaver requested that we obtain all examinations from N.C.A.R.B. that is possible. Mr. Young suggested that the Board ask California, Texas and New Mexico for their examinations. Mr. Young reported on the N.C.A.R.B. Committee to Study Joint Boards. Letters have gone out to all Boards asking their opinion of Joint Boards.

REPORT OF SPECIAL COMMITTEES

Mr. Royden reported that the Committee on Additional Registration Classifications has made no progress as yet.

READING OF COMMUNICATIONS

Communications were received from:

The following action taken:

S. C. Leibing, Secretary 1444-A
Indiana State Board

No action taken. Presented for information only.

N.S.P.E. re use of title "Engineer"
by Radio/TV operators 1444-B

Mr. Young suggested that this would be an area in which the societies could take into consideration. Dr. Shell reported that South Carolina law actually excludes them from using the title where ours does not. Mr. Dryden said there is nothing in the law prohibiting this practice. Dr. Shell thought the Arizona registrants would like to know how the Board feels about the use of this term. Mr. Young suggested that this be referred to the Rules Committee to be used for public information.

Gabor Lorant Zsitvay 1444-C

His name change was granted subject to his submitting a notarized photostat of his certificate of naturalization showing the name change.

Anne J. Rysdale 1444-D

Her name change was granted subject to her obtaining a new stamp and certificate to be given to her upon receipt of her old stamp, certificate and wallet card.

Susan H. Ross, Adm. Asst. 1444-E
New Mexico State Board

The office is to send them a copy of the examination used by Mr. Donald Wiley and ask them if they have any comments on this examination.

Arizona State Health Dept. 1444-F

There was considerable discussion on whether he can call himself an engineer. He is only in violation of the law when referred to as Professional Engineer. The office is to acknowledge the letter now and talk to Jerry Lawson for advice.

- Douglas S. Holsclaw, State Representative, Pima County 1445-A
Mr. Royden suggested that in a personal way the Board members do all they can to help Mr. Holsclaw. Mr. Weaver suggested that the Board should not be the one to supervise the inspection of the construction of buildings. The legislature should make it mandatory that these buildings be built under the supervision of a registrant. No action to be taken.
- Cecil H. Wells, Jr. 1445-B
Mr. Royden moved that we hold Mr. Wells' application in abeyance as requested. Seconded and carried unanimously.
- Arthur M. Meltvedt 1445-C
Mr. Meltvedt is to be notified that his application was reconsidered and reviewed by two more Board members and that there is no change in the original decision of the Board.
- A.I.A., Central Arizona Chapter 1445-D
The Executive Secretary is to write a letter to the Chapter thanking them for their support of the Board.
- Alexander Russin re Gardner Temporary Certificate 1445-E
Mr. Russin is to be sent a certified copy of the temporary certificate requested at a charge of \$2.00.
- H. Kenneth White 1445-F
Mr. White is to be sent copies of the letters requested and charged for the service.
- Kentucky State Board 1445-G
This was an information letter and no action was taken.
- Kenneth G. Medearis 1445-H
Mr. Medearis is to be informed that the transcripts cannot be removed from our files.

Report of the Executive Secretary

Mr. Dryden appointed a committee of Stufflebean, Weaver, Young and Girand to study the survey of office procedures by Royal McBee Corporation, the microfilm proposals, and the requirements for storing records at State Library and Archives.

Mr. Young moved that the Executive Secretary get calling cards. Seconded and carried.

Dr. Shell moved that all applicants held for personal audiences and have not requested or reported for scheduled interviews during the six months prior to January 1, 1963, be given until April 1, 1963, to appear for these audiences. Seconded and carried.

R. W. Beck & Associates investigation was approved.

William C. Fuller investigation - Mr. Weaver moved that we write Mr. Fuller and ask him to appear before the Phoenix Grievance Committee. Seconded and carried.

Mohave Construction Company, Kingman - Mr. Edelblut is to go to Kingman and see the City Attorney concerning this investigation.

Mr. Conway, Arizona State Health Dept. - A letter is to be written from the Board that he cannot use the title of "Architect".

Mr. Edelblut reported that he had requested an opinion from the Attorney General concerning the printing of the name of the registrant on firm or corporation stationery.

Mr. Edelblut also reported on the meetings he has attended and on his tentative schedule of meetings to attend.

The Executive Secretary is to get some information on a portable tape recorder to be presented at the next Board meeting.

READING AND CONSIDERING APPLICATIONS

None

UNFINISHED BUSINESS

Mr. Young reported on his conversation with Mr. E. Ross Housholder concerning the complaint filed against him by Mrs. Rulon J. Payne. Mr. Housholder provided Mr. Young with a copy of the plat which showed the placement of the stakes. A letter is to be written to Mrs. Payne with a carbon copy to Mr. Housholder.

NEW BUSINESS

Mr. Young presented the plans for the Chandler Church of Christ. He presented two sets which were drawn on the paper of Wm. Lester Pritchett & Sons, one without a seal and one with the seal of Charles E. Cox, Architect.

The next meeting of the Executive Committee was set for February 21, 1963, at 1:00 P.M.

ADJOURNMENT

The meeting adjourned at 5:35 P.M.

Arthur E. Young
Secretary.

THE MINUTES OF THE EXECUTIVE COMMITTEE MEETING OF THE STATE BOARD OF TECHNICAL REGISTRATION
February 21, 1963

The meeting of the Executive Committee of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the office of the Board, 624 Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 1:30 P.M. on February 21, 1963.

PRESENT

C. W. Dryden, Chairman
John H. Stufflebean, Vice-Chairman
John Girand
H. L. Royden
Billy Joe Shell
Frederick P. Weaver, Jr.

ABSENT

Martin Ray Young, Jr., Secretary
E. D. Herreras
Thomas L. Martin, Jr.

REPORT OF THE CERTIFIED PUBLIC ACCOUNTANT

There is a discrepancy on Mr. Smith's report of \$180.00 on total receipts which may be returned checks and re-deposits. Mr. Stufflebean suggested that before the eighth and ninth of March the CPA explain this difference which was also in last year's report. Mr. Dryden said the report should be turned over to the Budget and Finance Committee and formal action taken on March 8th and 9th.

The Budget and Finance Committee to be re-appointed as follows: John Girand, Chairman, H. L. Royden and Martin Ray Young, Jr. This committee was called Budget before being previously discharged. Minute page 1429.

At this time, discussion was made regarding audits made on both December 31s of each year and June 30th. Mr. Girand felt we should get on a fiscal basis like other state agencies on June 30th and have an audit every 12 months thereafter, and will make a recommendation to the Board at their next meeting.

REPORT OF THE BY-LAWS AND RULES COMMITTEE

Mr. Girand reported that we hope to have a preliminary rough draft of proposed changes to submit at the June Board meeting. There is nothing specific to present to the Committee today.

REPORT OF THE EXAMINATIONS COMMITTEE

Engineering Committee

Dr. Shell reported that we have been in contact with the two Universities with respect to the examinations. Arizona State University would like to maintain a supply of application blanks for their students to take the Engineer-in-Training examination and to give the E.I.T. examination on campus. They also wanted to know our feelings whether it should be a requisite for graduation that they take the E.I.T. The Board feels it should be encouraged but not mandatory.

Dr. Shell recommended that we do supply the Universities with application blanks. Seconded by Mr. Stufflebean and carried unanimously.

Dr. Shell recommended that we should allow them to give the E.I.T. examination on campus. Question by Mr. Dryden: Would we have to incur any of the expenses?

Dr. Shell answered that Dean Beakley would provide accommodations and we would pay the monitors. Those who do not attend the University but who have to take Parts 1 and 2 will also take them at Arizona State University.

The motion was seconded by Mr. Stufflebean and carried unanimously.

It was also recommended to the Board we compare the curriculum of the two Universities.

The committee recommended that the examinee be allowed to take the examination questions with him at the completion of the examination. Seconded by Mr. Stufflebean and carried unanimously.

The Executive Secretary explained the booklet that would be used whereby they would be easier to grade. The committee recommends that we adopt this booklet. Seconded by Mr. Royden and carried unanimously.

The Executive Secretary is to purchase a trial set of 1000 booklets.

Dr. Shell recommended that past examinations be made public and interested parties notified. Seconded by Mr. Royden and carried unanimously. They are not to be released before the Board has approved them.

REPORT OF PUBLIC INFORMATION COMMITTEE

Mr. Stufflebean addressed the Installations Design Engineers at Luke Field on the subject of the values of registration.

REPORT OF N.C.A.R.B. COMMITTEE

None

REPORT OF SPECIAL COMMITTEES

Discussion on who was on the Committee to study the Royal-McBee microfilming process and it was decided as follows: John Stufflebean, Chairman, Frederick P. Weaver, Jr., John Girard and Martin Ray Young, Jr. Mr. Stufflebean set a meeting for March 7th.

Grievance Committee #1 - William C. Fuller

Mr. Royden said this case would be discussed at their meeting to be set.

Grievance Committee #2 - Discussion of El Tanque Bowling Lanes

No report.

Grievance Committee #2 - Chandler Church of Christ

Since Mr. Young is acquainted so well with this case, Mr. Stufflebean felt it should be turned over to the Phoenix Grievance Committee. Mr. Weaver explained that there were two sets of plans, one set with no architect's seal and another complete set identically the same with a seal and different date. Pritchett is the builder and Cox the architect.

READING OF COMMUNICATIONS

Communications were read from:

Arthur I. Flaherty 1449-A
Western Zone meeting

R. M. Williams 1449-B
re: Post Auditor's proposals

Frank R. Fazio 1449-C
complaint against Robert McIntyre

Theodore D. Matthiessen 1449-D
complaint against G. N. Richards

Herbert Ross 1449-E
re Herb Ross Co.

The following actions taken:

This meeting will be held on May 3rd and 4th. Referred to the March Board meeting to decide who shall attend.

Mr. Dryden reported that the Northern Chapter of ASPE has taken some action by forwarding a resolution to the State Chapter as being opposed to it.

Mr. Girand has written to several societies asking them to assist in blocking this.

At this time, Mr. Girand gave to each member present a quotation from the Arizona Supreme Court - No. 6541, State Board of Technical Registration vs. Leonard F. McDaniel to wit:

" Indeed the Board would be remiss in its duty if it did not investigate complaints made to it to see if such acts constituted professional misconduct sufficient upon which to predicate formal charges."

Mr. Girand felt the Board should follow these instructions handed down by the Arizona Supreme Court.

Mr. Weaver reported architects are not to compete by free sketch drawings which was done in this case. He was not licensed at the time and not under the direct supervision of a licensed architect.

The Executive Committee recommended that it be turned over to the Phoenix Grievance Committee.

The plans were stamped by Mr. Richards and quoted "not an architect". We have no jurisdiction over a non-registrant. The Executive Secretary was instructed to write a letter to Mr. Matthiessen explaining we do not have any authority in this case. He may take civil action if he desires.

This Board should send a copy of Mr. Ross' letter to the Professional Societies without comment.

READING AND CONSIDERING APPLICATIONS

No action taken as there is not a quorum present.

NEW BUSINESS

Report of the Executive Secretary

1. For travel by public conveyance this office has made arrangements with a travel agency to issue airline or similar type tickets for Board members on a purchase order basis. Any member desiring to avail himself of this service and not have his ticket a part of his travel voucher refund should contact this office at least 48 hours prior to scheduled departure giving the desired departure, airline and routing. The Executive Committee found this favorable.
2. New investigations submitted:

Herb Ross Company, listed under correspondence.

G. N. Richards, listed under correspondence, filed by Theodore D. Matthiessen. Both letter covered under communications.

3. Opinions received from the Attorney General's office.

63-27-L, copy attached.

Mr. Dryden said the reason for this opinion being requested was the Gordon D. Jorgensen who was in responsible charge of a firm in Arizona and did not have his name imprinted on the stationery. The Executive Secretary stated that Mr. Jorgensen had furnished us with a copy of their stationery with his name on it.

4. Opinions requested from Attorney General's office.

a. How the Board should answer Marx's letter.

b. Mohave Construction Company, issuing of building permits.

At this time, The Executive Secretary reported we have had no answer from the Attorney General's office. However, we have sent a copy of the Standard Building Code to Mr. Lawson.

Discussion was brought up regarding Mr. Marx's letter and the merit system. Whether city, county or State engineers are engineers or just technicians or aids. Many of them have worked 30 years and would be unable to pass the examination and are specialized in one field of engineering, i.e., highway, sanitation, etc.

Where is the line to be drawn on the different branches of engineering. There are requests for industrial and electronics branches because of the industries located here.

A booklet, "Curriculum Leading to First Degrees in Engineering", was passed out which had 38 curricula of accredited engineering.

5. Meetings attended by the Executive Secretary since the last Executive Committee meeting:

January 21 - Flagstaff Chapter A.S.P.E.

January 28 - N.S.P.E. refresher course at Tempe.

It developed in my mind in a post-meeting discussion with the men attending this refresher course that there was some need of revision in particularly the Electrical classification of registration to permit men highly specialized in electronics with no lighting or power experience or general education to obtain professional status. This was further indicated as a basic need in that Phoenix and Arizona are advancing to the point that they will be eventually known as the electronics center of the country.

This was covered under number four.

6. The Executive Secretary read a letter requesting a temporary certificate. This man had a temporary certificate in 1958. He asked the committee if the law is interpreted to mean that only one temporary certificate in a lifetime or for one project only for a period of 90 days. Mr. Dryden suggested we request an opinion from the Attorney General as to how this law is interpreted. We also had a request for a temporary certificate on two different churches but only one temporary form submitted with a check for \$50.00. The Executive Secretary was instructed to have him submit two temporary forms and another \$50.00.

The Executive Secretary passed out a letter from the Verde Valley Chamber of Commerce. The Executive Secretary was instructed to answer the letter and state that the Board assumes it is perfectly valid and suggest that they contact their attorney for an opinion.

House Bill 177

Changes the present code to allow the design of buildings up to \$20,000.00 and any single family residence.

Mr. Weaver said the younger man who comes out of school could very well be making a living for a few years on these type of dwellings as they start out in the residential field. Whether \$10,000.00 is too low or \$20,000.00 is a little bit too high, he cannot say.

The Board cannot act on this bill; however, as individuals we can accomplish opposing it through the professional societies.

7. Tentative schedule of meetings:

A.S.P.E., Southern Chapter - March 12.

8. Future consideration:

Larger quarters for Board use.

The Executive Secretary reported on the prices per square foot of suites available in this building: present suite, 649 sq. ft., \$251.49; Suite 910, 939 sq. ft., \$359.95; Suite 308, 910 sq. ft., \$375.38; 8th floor, 1349 sq. ft., \$505.00; 14th floor, 1000 sq. ft., \$395.00; 15th floor, 1200 sq. ft., \$480.00; 5th and 11th floors, 1000 sq. ft., \$375.00. Mr. Dryden referred it to the Budget and Finance Committee.

Mr. Royden felt we should look into getting space in the State Capitol complex. We could remain in the same space and use another Board room in the building for meetings since they are only 4 times a year. It was requested we see if there is a room available downstairs for the next Board meeting.

ADJOURNMENT

The meeting adjourned at 4:40 P.M.

Martin Stutzman
Secretary

THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
March 8, 9, 1963

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, 624 Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 1:36 P.M., March eighth.

PRESENT

C. W. Dryden, Chairman
John H. Stufflebean, Vice-Chairman
Martin Ray Young, Jr., Secretary
John Girand
E. D. Herreras
Thomas L. Martin, Jr.
H. L. Royden
Billy Joe Shell
Frederick P. Weaver, Jr.
Jerry Lawson, Assistant Attorney General
Walter J. Edelblut, Jr., Executive Secretary

ABSENT

It was moved by Mr. Royden and seconded by Mr. Young that the minutes of the special meeting of January 17, 1963, be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

The report of the Executive Committee meeting of February 21, 1963, was presented to the Board for its consideration. It was moved by Mr. Stufflebean and seconded by Mr. Royden that the minutes of the Executive Committee be approved as written and presented. Motion carried.

Board Chairman C. W. Dryden reported that the Executive Committee had no further report at this time.

REPORT OF THE CERTIFIED PUBLIC ACCOUNTANT

There was no report from the C.P.A. but the Budget and Finance Committee, John Girand, Chairman, presented the following report to the Board:

Following a review of the auditing procedures of the Board, the Finance Committee makes the following recommendations:

- 1) Once a year the books should be audited by an independent Certified Public Accountant.
- 2) The present date of audit should be changed from December 31st to June 30th so that our financial statements will conform with other State departments.
- 3) The next audit should be made June 30, 1963, and the scheduled audit for December 31, 1963, should be omitted.
- 4) All audits should be signed and certified to by the accountant.

- 5) Audits should be prepared to conform with State of Arizona standards, particularly with respect to object code numbers, current expenditures, fixed charges, etc.
- 6) The audit for June 30, 1963, should be delivered to the Executive Secretary not later than September 1st, to be available for study by the Board prior to the September Board meeting when the annual budget is adopted.
- 7) All books of account should be kept in the office of the Board.
- 8) Prior to accepting the December 31, 1962, audit, the Executive Secretary should confer with the accountant who prepared the audit and be prepared to present the audit to the Executive Committee for formal approval.

It was moved by Mr. Royden and seconded by Dean Martin that the report be accepted. Carried unanimously.

The Executive Secretary presented for information the report of the cash expenditures of the Board through February 28, 1963.

REPORT OF BY-LAWS AND RULES COMMITTEE

No report. Still scheduled for preliminary drafts for June Board meeting.

REPORT ON EXAMINATIONS

No reports requiring Board action.

REPORT OF PUBLIC INFORMATION COMMITTEE

Mr. Weaver spoke in regard to House Bill 177 introduced February 18, 1963, which applies to this Board. On advice of the Board's Attorney General that there was nothing which prohibits the Board in going on record as to its interpretation, Mr. Royden moved that the Board go on record as opposed to any changes in the statutes as now written of the Arizona State Registration Act. Seconded by Mr. Herreras and carried unanimously.

REPORT OF N.C.A.R.B. COMMITTEE

Mr. Young reported that there is still considerable correspondence with other Boards regarding joint Architectural-Engineering Boards in other areas and that the Boards acting jointly feel that they can best accomplish the duties prescribed for them in joint operation and that other independent Boards have requested information on the operation of our joint Board.

REPORT OF SPECIAL COMMITTEES

The report of the Committee on Office Administration was presented as follows:

A meeting of the committee was held in the office of the Board on Thursday, March 7, 1963, at 1:30 P.M. Present were Weaver, Girand, Stufflebean and Edelblut. Young was absent.

It was the consensus of opinion of the committee that although only the matter of microfilming of Board records and the Royal-McBee system had been specifically referred to this committee, these specific items could only be competently evaluated when considered in concord with the entire office administration problem.

After four hours of intense discussion, the committee took the following actions:

1. Requested the Executive Secretary to furnish to the committee by May 1st the following:
 - a. A list of office equipment together with the justification for the same which is needed as soon as is practical.
 - b. Floor area requirements, broken down into functional increments, which are required for both the present and in 1970. Mr. Weaver is to supplement this with a suggested layout or planned utilization treatment.
 - c. A determination of a dead storage area requirement.
2. The committee recommends that the Board approve:
 - a. The abandonment of the Board room for Board meetings.
 - b. Permission to sell or trade the conference table.
 - c. Renting the auditorium in the basement of this building for future Board meetings.
 - d. Microfilming of Board minutes to be done now and the minute pages to be bound.
 - e. Consideration of the Royal-McBee system to be held in abeyance pending an investigation by Edelblut, and Girand into the possible utilization of an electronic data processing technique to accomplish routine office operations.
 - f. That \$100.00 be authorized from the Professional Services budget, item #240, for the faculty and/or students of ASU to assist in this determination.
 - g. Microfilming of other records to be postponed indefinitely.

The committee proposes to continue its interest and activity in this field as indicated above, and anticipates a further report at the June meeting.

It was moved by Mr. Stufflebean that the report be accepted and approved as submitted. Seconded by Mr. Girand and carried.

Grievance Committee #1, no report. Meeting to be set prior to next Board meeting to hear William C. Fuller and Charles E. Cox.

Grievance Committee #2, no report requiring Board action.

READING OF COMMUNICATIONS

Communications were read from:		The following actions taken:
Arthur I. Flaherty Western Zone meeting	1456-A	Deferred to April twelfth meeting.
Elmo C. Bruner Nevada State Board of Architecture	1456-B	Presented for information only, not requiring Board action.
Dean Thomas L. Martin, Jr. re: Nuclear Engineering registration	1456-C	Action by Board referred to Examination Committee for report.
David H. Murdock Development Co.	1456-D	Presented for information only.
C. F. Hurc Wisconsin State Board	1456-E	Presented for information only.
John C. Gobins complaint against Donald T. Van Ess	1456-F	Referred to Grievance Committee #1

READING AND CONSIDERING APPLICATIONS

It was moved by Mr. Girand and seconded by Mr. Royden that the following action be taken on communications:

Earl Kai Chann was granted his request to change from Architecture to the A.I.T. program.

Kenneth C. Hagerman's Mechanical Engineering application was denied without prejudice at his request and without refund.

James E. Hough's applications for registration in Civil Engineering and Geology were denied without prejudice at his request and without refund.

Charles F. Hill's request to have the personal audience deadline extended was granted until June 1st.

After reviewing Melvin H. Jones' application, the Board reaffirmed its previous decision.

Jerome E. Koupal was granted an extension to take the written examination.

James E. Maguire's request to have the personal audience deadline extended was granted for an additional 6 months, until September 1st.

Robert E. Preble was granted an extension to take the written examination.

Herman A. Sinemus' application was reconsidered at his request and there was no change in the Board's previous decision.

George W. Underwood's request to have the personal audience deadline extended was granted for an additional six months, until September 1st.

Walter D. Wilson's request to have the personal audience deadline extended was granted for an additional six months, until September 1st.

A letter from P. J. Clovicko was read and the Board reaffirmed the Board action of March 9, 1962, minute page 1383, requoted herewith: "Mr. Fiscel moved that the Chairman of the Board contact George Morris, Mr. Clovicko's attorney and recommend that he withdraw his application for registration and re-apply at a later date. Seconded and carried."

It was moved by Mr. Young and seconded by Mr. Weaver that the following applicants for professional registration in Architecture having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Carried unanimously.

Name	Minute Page Held for PA	Regis. No.	To Be Dated
Adelman, Gerald S.		5367	3/9/63
Burran, James A., Jr.	1404	5295	1/1/63
Gates, William Lee	1140	5315	3/9/63
Harrison, Roland T.	1405	5316	"
Lake, Gerald H.	1004	5317	"
Lee, Woodrow Roy, Jr.	1429	5302	1/1/63
Lendrum, Peter Alexander		5318	3/9/63
Lorant, Zsitvay Gabor		5319	"
Merry, James Lee		5368	"
Myers, Robert B.	1050	5320	"
Peterson, Ralph D.	1230	5321	"
Pierson, Paul S., Jr.	1405	5322	"
Roberts, Robert M.		5324	"
Ross, Kenneth Howard		5323	"
Shill, Victor Lamar		5325	"
Smith, William Kern	1050	5328	"
Swanke, Albert Homer	1429	5303	1/1/63
Taylor, Ralph H., Jr.	1384	5326	3/9/63
Tom, Ken G.		5327	"
Wortman, Morris Newton	1429	5304	1/1/63

It was moved by Dr. Shell and seconded by Mr. Girand that the following applicants for professional registration in the fields indicated having completed the personal audience and all other requirements of this Board be granted registration and assigned the registration numbers as indicated. Carried unanimously.

CIVIL ENGINEERING

Alpert, S. D.	1429	5329	3/9/63
Axline, E. C.	1429	5296	1/1/63
Baugh, William Howard	1429	5330	3/9/63
Bennett, Earl Robert	1416	5331	"
Benson, Roger D.	1429	5332	"

Carlson, John Edward	1429	5363	3/9/63
Ceske, Michael Alfred		5333	"
Collins, John S.		5369	"
Cota, Froilan H.		5370	"
Downs, George French, Jr.	1429	5314	"
Gardner, Eldon Claire		5334	"
Haverkamp, Ralph Eugene	1385	5298	"
Jureit, John Calvin	1417	5335	"
Kubasek, Walter Lawrence	1429	5299	1/1/63
Lancaster, Lionel G.	1429	5305	"
Miller, Loren C.	1405	5301	"
Norman, William Joseph	1418	5306	"
Obele, Michael David		5336	3/9/63
Pisano, Frank Edward	1430	5337	"
Reñard, Kenneth G.		5371	"
Splawn, Isaac J.	1430	5365	"
Tregonis, Verne Milton	1430	5307	1/1/63
White, Lawrence D.	1430	5366	3/9/63
Zeimet, Eugene F.	1372	5338	"
Zuendel, Lee W.		5339	"

STRUCTURAL ENGINEERING

Quick, Bayard Rollin		5340	"
Schmidt, William F. H.	1430	5312	1/1/63

ELECTRICAL ENGINEERING

Homa, Charles A.	1430	5308	"
Jensen, Fred Jones		5341	3/9/63
Lewis, William McKinley, Jr.	1405	5311	1/1/63
Liquin, Frederick Burton	1372	5373	3/9/63
Locher, Ronald Joseph	1430	5342	3/9/63
Osborn, Donald Dean	1417	5343	"
Peterson, Gerald Richard	1430	5309	1/1/63
Williams, Howard D.	1430	5344	3/9/63

MECHANICAL ENGINEERING

Browning, Delmer M.	1418	5345	"
Caldwell, David F.		5346	"
Campbell, Donald James		5347	"
Larsen, William E.		5372	"
Nichols, William M.	1430	5310	1/1/63
Rose, Harding		5374	3/9/63
Schwinn, James Russell		5348	"

METALLURGICAL ENGINEERING

Clevenger, Galen W.	1385	5349	"
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MINING ENGINEERING

Bale, Richard P.		5350	"
Matthews, Gilbert John	1417	5376	"
Stott, Charles Edwin, Jr.		5351	"

GEOLOGY

Jacob, C. E.	1250	5352	3/9/63
Kilgore, Lee W.	1132	5353	"
Raabe, Robert George		5354	"
Schultz, John R.	1357	5355	"

LAND SURVEYING

Axline, E. C.	1430	5297	1/1/63
Falk, Robert	1373	5356	3/9/63
Kramer, John Peter		5364	"
McDonald, Vance L.		5357	"
O'Dell, William Lee	1373	5358	"
Pisano, Frank Edward	1430	5359	"
Reed, Frederick Hamilton	1430	5313	1/1/63
Roberts, William Andrew	1430	5360	3/9/63
Shiple, Herbert	1430	5361	"
Walsh, Robert Keith	1417	5300	1/1/63
Yarbrough, Frank Louis		5362	3/9/63

It was moved by Mr. Girand and seconded by Dr. Shell that the following applicants for professional registration in the field indicated after their name have failed to complete satisfactorily the requirements of this Board for professional registration and their applications are denied without refund for such failure to complete the requirements. Carried unanimously.

Alcott, E. R.	Civil
Armentrout, Gerald W., Jr.	Civil
Bendixen, Thomas W.	Civil
Bohannon, Jerry R.	Civil
Booth, William I., Jr.	A.I.T.
Brummett, Richard W.	Geology
Capen, Ted	Architecture
Carpenter, Velmer E.	Electrical
Casillas, Frank C.	Civil
Chevalier, Robert E.	Civil
Clendenin, Ralph M.	Architecture
Coker, Raymond L.	Civil
Colley, Clay	Mechanical
Cookinham, Bruce C.	Land Surveying
Copley, Richard Glen	A.I.T.
Cordova, Trinidad	Assayer
Craig, James R.	Mechanical
Dabrowski, Stanley K.	Architecture
Daniels, William A.	Land Surveying
Davis, H. Clyde	Geology
Davis, Howard C.	Civil
Denney, Fred N.	Civil
Ditzler, Harold E.	Civil
Ellis, William B.	Civil
Evans, Richard R.	Chemical
Farlow, W. Franklin	A.I.T.
Fiakas, James Gust	Architecture
Flickinger, Robert M.	Architecture
Foote, Kay W.	Mining
Floyd, Raymond C.	Civil

Griffin, Frederick Kirkwood	Architecture
Griffin, William Foster	Architecture
Hahn, Arthur P.	A.I.T.
Hammons, R. Howard	A.I.T.
Harris, Robert S.	Civil
Heden, Stanley D.	Chemical
Hemp, Marly P., Jr.	Mechanical
Hermann, Walter John	Mechanical
Hoppe, Harry M., Jr.	Mining
Husk, Arley E.	Civil
Jarman, Terence R.	Structural
Johnson, Donald Leslie	Architecture
Johnson, J. E. Clifford	Mechanical
Kennedy, Daniel F.	Mechanical
Kneale, Allan T.	Electrical
Kilian, William F.	Electrical
Langmade, Robert Harrison	Mechanical
Lauth, Robert Edward	Geology
Layton, Frank William	Electrical
Lee, W. W.	Civil
Lindberg, Clifford L.	Electrical
Lippman, Daniel A.	Mechanical
Lockhart, Kenneth Burton	Architecture
Longley, Guy	Civil
Lundmark, George E.	Electrical
McElroy, A. E.	Land Surveying
Martin, Hugh J.	Chemical
Martin, Robert H.	Electrical
Mason, Jackson A.	Civil
Mitcham, Thomas W.	Mining
Morris, George D.	Civil
Moyer, Darl A.	Mechanical
Murphy, George R.	Structural
Myers, Clarence H.	Civil
Naslund, Kenneth	Structural
Owen, Robert L.	Land Surveying
Pate, William E.	Land Surveying
Peabody, Stanley	Electrical
Peterson, Robert G.	Mechanical
Phippeny, Charles Lee	Assayer
Pranter, L. A.	Mechanical
Raznatovich, Bozidar	Land Surveying
Rieder, Carroll B.	Architecture
Rouke, William J.	Structural
Russler, W. H.	Civil
Steinbach, Paul H.	Structural
Thompson, Mathew R.	A.I.T.
Waden, Albin H.	Civil
Wagner, Edgar Otto Edward	A.I.T.
Walling, Craig D., Jr.	A.I.T.
Waltenspiel, Edmund J.	Civil
Williams, S. Wayne	A.I.T.

ENGINEER-IN-TRAINING

Bennett, William Arthur
 Burns, Herbert Wallace
 Clark, Michael Burr
 Conrad, Robert R., Sr.
 Cook, Richard J.
 Costa, Barbara M.
 Cover, Forrest F.
 Edmonson, Loyde C., Jr.
 Estes, William A., Jr.
 Flaherty, William Howard
 Gnirke, P. Nelson
 Haas, Louis M.
 Hale, Richard Collins
 Hamman, Lloyd E.
 Hardin, Jeff Donald
 Harper, Richard Lee
 Harvey, James R.
 Hatch, David J.
 Hennessey, Thomas J.
 Hopkins, Carroll Eugene
 Hunts, Barney D.
 Jeffries, Richard Bruce
 Johnson, Larry A.
 Jordan, Frank Edward
 Kachnic, Joseph E.
 Kenna, L. A.
 Kohl, Stuart Charles
 Kroon, Charles R.
 Kurzman, Elliott
 Lim, David P.
 McCommas, Albert G.
 McElroy, Thomas O.
 Marietti, John J.
 Marshall, John M.

Martinek, Harold H.
 Mihalick, Leonard P.
 Moore, Wayne C.
 Morgan, Norman R.
 Nickell, Bobbie L.
 Petra, Nicholas J.
 Petterson, Arthur George
 Rogers, Russell Eugene
 Schmitz, Donald W.
 Silverman, Sandor
 Sizemore, Harry Martin
 Smith, James William
 Stanley, John T.
 Templeton, James Whitney
 Villanueva, Albert
 Walters, Paul, Jr.
 Ward, Milton H.
 Weaver, John Ervin
 Welty, Kenneth H.
 Willey, Earl C., Jr.
 Willoughby, Donald Elliott
 Young, Jerry Arthur
 Young, William C.

Auten, Ben H.
 Caggiano, Gerard
 Fitzgerald, Kenneth E.
 Goshia, Peter Oliver
 Means, James Andrew
 Miller, Donald H.
 Ogden, Carl K.
 Paller, Gerald
 Rood, Del J.
 Wilkerson, James L.

GEOLOGIST-IN-TRAINING

Price, James L.

Thomas, Judith Louise

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

- I. Applicants apparently having met all requirements of this Board which shall be confirmed by a personal audience and are to be so held for such audience:

ARCHITECTURE

Allgeier, Elmer Moritz	63-82	Young
Coles, Robert John	63-45	Young
Cramer, Ambrose Coghill	63-83	Young
French, Stanley James	63-46	Young
Heaton, Culver	63-47	Weaver
Heitschmidt, Earl T.	63-14	Herrerias
Hupfer, John C., Jr.	63-39	Herrerias
Jung, Raymond Arthur	63-3	Weaver
Morse, Richard A.	63-13	Weaver
Poper, Richard Lyle	63-49	Young

Potter, Harold C.	63-40	Young
Smith, Whitney Rowland	63-41	Weaver

CIVIL ENGINEERING

Allgeier, Elmer Moritz	63-52	Stufflebean
Armstrong, Ellis Leroy	63-86	Girand
Crohurst, Harry Thornycroft	63-53	Royden
Edelblut, Walter Joseph, Jr.	63-54	Stufflebean
Eliassen, Rolf	63-55	Girand
Evans, Leonard Thomas, Jr.	63-56	Royden
Halpert, Hugo N.	63-57	Girand
Lau, Dickson Tsoi-woh	63-58	Shell
Levin, Arthur H.	63-59	Stufflebean
Lewin, Joseph David	63-42	Shell
Luthin, John Christopher	63-60	Royden
McMaster, Howard Maxwell	63-61	Royden
Meyers, Walter Francis, Jr.	63-62	Shell
Poole, Edgar Thornton, Jr.	63-109	Girand
Short, Donald R.	63-64	Royden
White, Joseph	63-65	Stufflebean

STRUCTURAL ENGINEERING

Fickel, Hans Heinz	63-66	Herreras
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ELECTRICAL ENGINEERING

Burns, Robert Charles	63-111	Martin
Cohen, Norman Abby	63-43	Shell
Lowenstein, Jerome F.	63-70	Stufflebean
Martineau, Carl Pierre, Jr.	63-71	Girand
Royden, George Taylor	63-118	Martin

MECHANICAL ENGINEERING

Balfour, Ronald Bernard	63-72	Royden
Brandon, J. Campbell, Jr.	63-73	Dryden
Cawley, William E.	63-90	Stufflebean
Garvik, Albert Odne	63-74	Shell
Markle, Harry Atkins, Jr.	63-75	Royden
Reed, Glenn Daniel	63-91	Dryden
Skancy, Antone Lewis	63-31	Stufflebean
Vanderhoof, Austin L.	63-97	Stufflebean
Veck, Milton Frank	63-123	Girand

METALLURGICAL ENGINEERING

Weiss, Norman Lee	63-125	Stufflebean
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CHEMICAL ENGINEERING

Cecil, Lawrence Keith	63-94	Shell
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GEOLOGY

Parker, Pierce D.	63-128	Stufflebean
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LAND SURVEYING

Mendus, John Richard	63-70	Dryden
Hemmings, Frank Stafford	63-85	Dryden
Walker, Thomas Watson	63-95	Dryden

- II. Applicants apparently having met all the requirements of this Board which shall be confirmed by comprehensive oral examination and personal audience and are to be so held:

ARCHITECTURE

Gardner, Wm. H.	63-2	Weaver
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LAND SURVEYING

McNutt, DeWitt Dean, Jr.	63-77	Dryden
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- III. Applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency:

ARCHITECTURE

Barstad, Alden William	63-37	Young	Balance, C,D,E,F,H
Cole, Theodore Dow	63-98	Young	Full 36-hour
Gadbery, Donald Ray	63-34	Weaver	Balance, D,E,F,H
Hamilton, John Stewart Marshall	63-99	Young	Full 36-hour
Johnson, Stanley W.	63-101	Young	Full 36-hour
Perrell, Richard Conway	63-102	Herrereras	Full 36-hour
Witte, Willard Walter	63-38	Weaver	Balance, C,D,E,F,G,H

CIVIL ENGINEERING

Baker, William Hugh	63-103	Stufflebean	Parts III and IV
Baruch, Richard Michael	63-24	Girand	Parts III and IV
Bedenkop, Dale Vinton	63-104	Shell	Parts I, II, III, IV
Bigler, Kenneth D.	63-105	Stufflebean	Parts III and IV
Brady, Corwin Roger	63-25	Stufflebean	Parts III and IV
Click, David E.	63-106	Girand	Parts I, II, III, IV
Condes de la Torre, Alberto	63-15	Shell	Parts III and IV
Cooper, Gary L.	63-1	Shell	Parts III and IV
McDonald, Robert G.	63-19	Girand	Parts III and IV
Miller, James Robert	63-30	Dryden	Parts III and IV
Morris, Larry Gordon	63-108	Stufflebean	Parts I, II, III, IV
Morrow, Omer Keith	63-31	Dryden	Parts III and IV
Morton, Richard Wallace	63-5	Royden	Parts III and IV
Williams, Richard B.	63-22	Shell	Parts III and IV

STRUCTURAL ENGINEERING

Finley, Noel Kent	63-67	Herrereras	Parts V and VI
Krause, Robert D.	63-68	Herrereras	Parts V and VI
Matkin, George O.	63-12	Herrereras	Parts V and VI
Odell, Edward Everett	63-6	Royden	Parts V and VI
Spisz, John Frank	63-69	Herrereras	Parts V and VI

ELECTRICAL ENGINEERING

Cannon, Alton Hollingsworth	63-87	Martin	Parts III and IV
Carlson, Norman Lennie	63-88	Martin	Parts III and IV
Collins, William Dean	63-112	Martin	Parts III and IV
Edwards, Edwin Dale	63-114	Martin	Parts III and IV
Garretson, Byron Elbridge	63-17	Martin	Parts III and IV
Goldman, Wenston Wirt	63-18	Martin	Parts III and IV

Guthrie, Richard Gray	63-115	Martin	Parts I, II, III, IV
Hall, Cecil Adron	63-28	Martin	Parts III and IV
Johnston, Robert Holbrook	63-29	Martin	Parts III and IV
Jones, Raymond Perkes	63-89	Martin	Parts III and IV
Shaffer, Donald Keith	63-20	Martin	Parts III and IV

MECHANICAL ENGINEERING

Bixby, George, Jr.	63-119	Shell	Parts III and IV
Egleston, Roger Lee	63-26	Royden	Parts III and IV
Genter, Robert Edwin	63-27	Dryden	Parts III and IV
Jones, Raymond Nelson	63-121	Stufflebean	Parts III and IV
Lester, John Welch	63-120	Girand	Parts III and IV
Nelesen, Albert John, Jr.	63-122	Shell	Parts III and IV
Park, Arthur C.	63-32	Shell	Part IV

METALLURGICAL ENGINEERING

Hagerman, Kenneth Cranston	63-124	Stufflebean	Parts III and IV
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LAND SURVEYING

Parks, Lawrence	63-79	Dryden	Parts I, II, III, IV
Shaw, Robert Stanley	63-21	Dryden	Parts I, II, III, IV
Skipper, Charles Howard	63-9	Dryden	Parts I, II, III, IV
Spratt, Virgil E.	63-130	Dryden	Parts I, II, III, IV
Swafford, Walter Linden	63-80	Dryden	Parts III and IV
Voss, Jimmie E.	63-131	Dryden	Parts I, II, III, IV
Wada, Robert Mitsuru	63-89	Dryden	Parts III and IV

- IV. Applicants whose records are incomplete and require additional information before they can be held for the action indicated after their names.

ARCHITECTURE

Bronfen, Sanford Robert	63-44	Weaver	Personal Audience
Lane, Robert Edward	63-48	Herreras	Personal Audience
Rapp, James Roy	63-50	Weaver	Completion and re-evaluation
Schneider, Frank Philip	63-51	Herreras	Personal Audience

CIVIL ENGINEERING

McGlamery, Donald B.	63-107	Stufflebean	Parts I, II, III, IV
Schnapp, Marvin D.	63-63	Shell	Personal Audience
Wilkie, Charles B.	63-84	Girand	Completion and re-evaluation

STRUCTURAL ENGINEERING

Thibau, Walter Joseph	63-110	Herreras	Parts I, II, III, IV, V, VI
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ELECTRICAL ENGINEERING

Dubin, George P.	63-113	Girand	New application blank
Reading, William Harvey, III	63-116	Martin	Completion and re-evaluation

MECHANICAL ENGINEERING

Drain, Bob Ray	63-16	Girand	Parts III and IV
Moody, Charles Wedgwood	63-96	Royden	Personal Audience
Sanderson, Leroy Francis	63-92	Dryden	Personal Audience
Widener, Vaughn Wendall	63-23	Girand	Parts III and IV

<u>MINING ENGINEERING</u>			
Keegel, Charles Peter	63-93	Royden	Personal Audience
<u>NUCLEAR ENGINEERING</u>			
Davis, Monte Vincent	63-127	Martin	Referred to Examination Committee
Post, Roy Grayson	63-7	Martin	Referred to Examination Committee
Seale, Robert Lewis	63-8	Martin	Referred to Examination Committee

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the requirements so indicated before professional registration. Carried unanimously.

It was moved by Mr. Girand and seconded by Mr. Weaver that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated. Carried unanimously.

<u>ARCHITECTURE</u>			
Chayes, Stewart Lionel	63-10	Herreras	\$12.50
Davidson, James Richard	63-36	Weaver	\$12.50
Jette, William Ogilvie	63-100	Weaver	\$12.50
Sutton, Michael Hall	63-35	Young	\$20.00

<u>CIVIL ENGINEERING</u>			
Smithson, Ellis Brady	63-33	Stufflebean	\$12.50

<u>ELECTRICAL ENGINEERING</u>			
Rivera, Edill Valentin	63-117	Martin	\$12.50

<u>MINING ENGINEERING</u>			
Pralle, Gert Egon	63-126	Royden	\$12.50

<u>LAND SURVEYING</u>			
Manera, Angelo, Jr.	63-129	Dryden	\$ 7.50

<u>ASSAYING</u>			
Wright, Wilbur D.	63-132	Dryden	\$ 7.50

The application of William Thomas Keplinger for professional registration in Civil Engineering was presented to the Board. It was moved by Mr. Royden and seconded by Mr. Young that Mr. Keplinger be granted registration. This motion was defeated by the following roll call vote in which Mr. Royden, Mr. Dryden, and Mr. Young voted aye, Mr. Herreras, Mr. Stufflebean, Mr. Girand and Mr. Weaver nay. Dean Martin and Dr. Shell not voting.

It was moved by Mr. Stufflebean that the application of William Thomas Keplinger be denied and he be granted a refund of \$12.50. Seconded by Mr. Girand. Carried.

It was moved by Mr. Stufflebean that the application of Matthew Jack Rosenstock for Structural Engineering be denied without prejudice and that he resubmit with no additional fee. Seconded and carried.

UNFINISHED BUSINESS

The Executive Secretary brought up the matter of temporary certificates for out-of-state registrants. It was moved by Mr. Stufflebean and seconded by Mr. Young that temporary certificates have the same requirements as for permanent registration. A roll call vote; Mr. Young, Mr. Weaver, Mr. Stufflebean and Dr. Shell voted yes; Mr. Girand, Mr. Royden and Mr. Dryden no. Motion carried by one vote.

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the Rules Committee shall be instructed to incorporate the above change in its proposed revised rules and by-laws. Carried.

It was moved by Dr. Shell and seconded by Mr. Girand that before the rule change is incorporated and adopted, temporary permits must be signed by the Chairman and Secretary of the Board. Carried.

Letter from Estes & Browning, Attorneys, re El Tanque to be reviewed by Jerry Lawson from the Attorney General's office.

NEW BUSINESS

The Executive Secretary reported that the Board has now a permit number from the Post Office Department to use business reply envelopes.

It was moved by Mr. Stufflebean and seconded by Mr. Young that the following shall be the salaries of the Board employees as of March 1, 1963: Carried.

Lois Gemmell	#33750	\$350.00 per month
Dolores Stout	#30222A	\$320.00 per month
Joyce Smith	#30222B	\$310.00 per month

The Executive Secretary requested information on the certified list and why it must be incorporated with the Annual Report. It was moved by Mr. Girand and seconded by Mr. Royden that the certified list be deleted from the Annual Report and that the entire Annual Report be studied and revised. Motion carried.

Dr. Shell recommended that future Annual Reports, starting in 1963, contain photographs of the Board members.

Mr. Stufflebean read a letter from Eugene Fifield regarding a complaint against Hawley & Hawley which was referred to Grievance Committee #2.

A.I.T. and E.I.T. applications now considered under Rule II, Section 4, should be revised and was submitted to the Rules Committee for change consideration.

There being no further business the Chairman announced the following dates for future meetings: Special meeting, April 12th, 9:00 A.M. in the Guaranty Bank Auditorium; June Board meeting to be held in Flagstaff beginning Thursday, June 13th at 1:00 P.M. and until complete Friday, June 14th.

There being no further business, the Chairman adjourned the meeting at 12:45 P.M., March 16, 1963.

Martin C. Brown
Secretary

THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
April 12, 1963

The special meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the auditorium of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 9:00 A.M.

PRESENT

C. W. Dryden, Chairman
John H. Stufflebean, Vice-Chairman
Martin Ray Young, Jr., Secretary
John Girand
H. L. Royden
Billy Joe Shell
Frederick P. Weaver

ABSENT

E. D. Herreras
Thomas L. Martin, Jr.

It was moved by Mr. Royden and seconded by Mr. Young that the minutes of the regular Board meeting of March 8th and 9th be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

None

REPORT OF THE CERTIFIED PUBLIC ACCOUNTANT

It was moved by Mr. Girand and seconded by Mr. Weaver that the audit prepared by the certified public accountant reflect on a fiscal year, from July 1st to June 30th, and not as previously, from January 1st to December 31st. Motion carried.

The Executive Secretary was instructed to so notify certified public accountant, C. J. Smith, and have the report prepared as of June 30th of each fiscal year.

The Executive Secretary was instructed to have C. J. Smith explain his audit of December 30th regarding the discrepancy therein and to return to the office of the Board all records, equipment, etc., belonging the the State Board of Technical Registration.

REPORT OF THE BY-LAWS AND RULES COMMITTEE

Mr. Girand reported that the committee is still preparing the revisions and reported on its progress only.

REPORT ON EXAMINATIONS

It was moved by Mr. Girand and seconded by Dr. Shell that the Executive Secretary be authorized to enter into an agreement with the USN and MCRTC for use of their drill hall on April 29th and 30th for use as an examination room. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Weaver that all examinees are to be notified that written examinations prepared for possible registration are confidential property of the Board and may not be reviewed by the examinee. Motion carried.

Dr. Shell requested that the examinations be graded with as much expedience as possible so that the Examination Committee could have sufficient time to review the examinations and submit a report by June 13th.

REPORT OF PUBLIC INFORMATION COMMITTEE

None

REPORT OF N.C.A.R.B. COMMITTEE

None

REPORT OF SPECIAL COMMITTEES

Mr. Girand called the members' attention to the financial cash position of the Board which was submitted to all members in a special report by him.

It was moved by Dr. Shell and seconded by Mr. Royden that the following persons be appointed as representatives of this Board at the annual N.C.A.R.B. convention in Miami Beach, Florida, on May 10th and 11th, under 32-106C: Architect member Martin Ray Young, Jr., and the Executive Secretary. Motion carried.

It was moved by Mr. Young and seconded by Mr. Weaver that the following persons be appointed as representatives of this Board at the N.C.S.B.E.E. Western Zone meeting in San Francisco, California, May 4th and 5th: all Engineering members of this Board who can schedule their time to be present and the Executive Secretary. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Young that the following persons be appointed as representatives of this Board at the National Convention of N.C.S.B.E.E. in Honolulu, Hawaii, August, 1963: Chairman C. W. Dryden, Dr. Billy Joe Shell, H. L. Royden and the Executive Secretary. Motion carried.

Grievance Committee #1 - It was reported by Mr. Royden that Grievance Committee #1 met April 11th at 1:30 P.M. to consider grievances presented to them. The committee found no evidence to substantiate formal hearings against the members appearing. Mr. Young, as member of the committee, to write the architect concerned and Mr. Royden to write the land surveyor concerned. Mr. Weaver, as member of the committee, to write Mr. Frank Fazio for his informative appearance.

It was moved by Mr. Royden and seconded by Mr. Girand that the report of Grievance Committee #1 be accepted. Motion carried.

The report of Grievance Committee #2 is as follows:

Grievance Committee #2, having made an informal investigation into the possible involvement of a registrant of this Board in the matter of the design of the El Tanque Bowling Lanes, recommends that a formal hearing be held for the architect of record.

It was moved by Mr. Girand and seconded by Mr. Young that the report of Grievance Committee #2 be accepted. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that the Executive Secretary prepare necessary documents in cooperation with the Assistant Attorney General regarding the above report and report to the Board at a special meeting to be called by the Chairman. Motion carried.

Grievance Committee #2 recommends that the Executive Secretary be instructed to write Mr. W. E. Hawley, registered Assayer #258, of Hawley & Hawley, in regard to the operation of his Tucson office without a registrant in responsible charge as reported by Eugene Fifield, registered Assayer #5193. It was moved by Mr. Stufflebean and seconded by Mr. Young that the Executive Secretary be so instructed. Motion carried.

The Office Procedure Committee requested that the Executive Secretary have a report for them by 9:30 A.M., May 2, 1963, on proposed revisions to the physical set-up of the office and additional purchases of equipment required during the oncoming fiscal year.

READING OF COMMUNICATIONS

It was moved by Mr. Royden and seconded by Mr. Girand that the letter from Mr. George Marx of Arizona Department of Public Health be answered by copy of letter opinion from the Attorney General by the Executive Secretary. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Girand that the building officials of the City of Kingman be notified of the letter opinion by the Attorney General regarding building permits to non-registrants. Motion carried.

READING AND CONSIDERING APPLICATIONS

ARCHITECTURE

Allgeier, Elmer Moritz	5429
Coles, Robert John	5430
Cramer, Ambrose Coghill	5377
Daniel, Phillip James	2986
French, Stanley James	5378
Heaton, Culver	5379
Hupfer, John C., Jr.	5380
Jensen, Alton Dean	5431
Jung, Raymond Arthur	5381
Lane, Robert Edward	5424
MacCammon, James Newton	5382

Morse, Richard A.	626	(re-registration)
Pogue, Ernest Lee	5384	
Poper, Richard Lyle	5432	
Potter, Harold C.	5433	
Putt, Anthony Allen	5434	
Rissman, Homer A.	5385	
Smith, Whitney Rowland	5435	
Wright, Clifford Neal	5386	

CIVIL ENGINEERING

Allgeier, Elmer Moritz	5387	
Armstrong, Ellis Leroy	5388	
Babcock, Harold E.	5389	
Crohurst, Harry Thornycroft	5390	
Dankert, James E.	5391	
De Fraites, Arthur Alexander	5392	
Edelblut, Walter Joseph, Jr.	5400	
Evans, Leonard Thomas, Jr.	5393	
Fucik, E. Montford	5394	
Halpert, Hugo N.	5395	
Hixson, Melvin O.	5396	
Knowles, Samuel Givens	5397	
Levin, Arthur H.	5398	
Luthin, John Christopher	5399	
McMaster, Howard Maxwell	5401	
McNutt, William T.	5402	
Meyers, Walter Francis, Jr.	5403	
Miller, Henry	1952	(re-registration)
Poole, Edgar Thornton, Jr.	5404	
Short, Donald R.	5405	
Van Dell, John E.	5406	
White, Joseph	5407	

ELECTRICAL ENGINEERING

Burns, Robert Charles	5408	
Cohen, Norman Abby	5409	
Colquhoun, William Henry	5410	
Holtkamp, Clarence Jules	5411	
Lowenstein, Jerome F.	5412	
Martineau, Carl Pierre, Jr.	5413	
Royden, George Taylor	5414	
Smith, Robert Jack	5436	

MECHANICAL ENGINEERING

Balfour, Ronald Bernard	5415	
Brandon, J. Campbell, Jr.	5437	
Cawley, William E.	5416	
Garvik, Albert Odne	5417	
Novak, Oscar K.	5425	
Reed, Glenn Daniel	5418	
Rust, Stirling Murray, Jr.	5419	
Skanchy, Antone Lewis	5438	
Valentine, Thomas Logan	5420	
Vanderhoof, Austin L.	5426	
Veck, Milton Frank	5427	

METALLURGICAL ENGINEERING

Weiss, Norman Lee	5428
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LAND SURVEYING

Dankert, James E.	5421
Mendus, John Richard	5422
Smith, Robert Jack	5439
Walker, Thomas Watson	5423

It was moved by Mr. Young and seconded by Mr. Royden that the above listed applicants be granted professional registration in the proficiency indicated with the registration number following their name. Motion carried.

UNFINISHED BUSINESS

The Executive Secretary was instructed to notify all applicants for temporary certificates that temporary certificates have the same requirements as permanent registration and will not be considered unless accompanied by a bona fide application for permanent registration. All applications for temporary certificates and accompanying checks are to be returned to the applicants with the above information for re-submittal.

NEW BUSINESS

It was moved by Mr. Stufflebean and seconded by Mr. Girand that the Executive Secretary be authorized to purchase one 17" model C standard IBM electric typewriter and trade in one Royal manual, serial number 5074889. Motion carried.

The Executive Secretary read a letter from Joseph Lewin in regard to waiverance of personal audience. It was moved by Dr. Shell and seconded by Mr. Girand that the Executive Secretary be authorized to notify all applicants for registration that the personal audience may be waived only at the request of a Board member in behalf of any applicant. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Young that the Executive Secretary be authorized within the limits of ARS 35-193 to maintain in the Guaranty Bank Home Office, 3550 N. Central Avenue, Phoenix, a revolving fund in the amount of \$1,000.00. Carried unanimously.

The Executive Secretary reported on attending the organizational meeting of the Arizona Society of Professional Land Surveyors on March 30th.

The Executive Secretary reported that some copies of the Annual Report have been received and are being mailed upon receipt.

The Executive Secretary was instructed to notify all appointed observers from technical societies, universities, or other interested parties of the time and place of each regular or special meeting of the Board.

There being no further business, the Chairman recommended that the meeting be adjourned at 12:10 P.M. It was so moved by Mr. Weaver and seconded by Dr. Shell. Motion carried.

Martin C. Young
Secretary

THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
May 9, 1963

The special meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the auditorium of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 10:00 A.M.

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| <u>PRESENT</u> | <u>ABSENT</u> |
| C. W. Dryden, Chairman | E. D. Herreras |
| John H. Stufflebean, Vice-Chairman | Thomas L. Martin, Jr. |
| Martin Ray Young, Jr., Secretary | |
| John Girand | |
| H. L. Royden | |
| Billy Joe Shell | |
| Frederick P. Weaver | |
| Jerry Lawson, Asst. Attorney General | |

Mr. Lawson, Attorney General's office, discussed the statutes and matters of Board policy with the members present.

The meeting adjourned at 12:15 P.M.



THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
June 13, 14, 15, 1963

The meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in Room 164, Business Administration Building, Arizona State College, Flagstaff, Arizona, at 1:15 P.M., June 13, 1963.

PRESENT

C. W. Dryden, Chairman
John H. Stufflebean, Vice-Chairman
Martin Ray Young, Jr., Secretary
John Girand
E. D. Herreras
H. L. Royden
Billy Joe Shell
Frederick P. Weaver
Jerry Lawson, Assistant Attorney General

ABSENT

Thomas L. Martin, Jr.

It was moved by Mr. Royden and seconded by Mr. Young that the minutes of the special Board meeting of April 12th be approved as written and presented.
Motion carried.

It was moved by Mr. Young and seconded by Mr. Stufflebean that the minutes of the special Board meeting of May 9th be approved as written and presented.
Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

There was no meeting of the Executive Committee between May 9th and June 13th and no report was submitted.

REPORT OF THE CERTIFIED PUBLIC ACCOUNTANT

No report from the Certified Public Accountant was presented and it was moved by Mr. Girand and seconded by Mr. Young that C. J. Smith be notified that his services as Certified Public Accountant are not required after July 1, 1963, and that he be removed from the payroll as of June 30th. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Girand that the Office Procedure Committee be charged with exploring the necessity of having an outside C.P.A. for the Board. Mr. Lawson will meet with the Committee and State Auditor in this matter. Motion carried.

REPORT OF BY LAWS AND RULES COMMITTEE

The Rules and By-Laws Committee made its report on the proposed changes to the Rules and By-Laws:

Mr. Girand, Chairman, presented detailed proposed revisions of which the following changes underlined were received without objection:

The following revised Rules and Regulations have been adopted by the Board pursuant to authority of Section 32-106, Arizona Revised Code, 1956.

RULE 1. GENERAL RULES

1. The Board meets regularly in March, June, September, and December. Applications to be considered at any of these meetings must be filed at the office of the Board not later than the first of February, May, August, or November, respectively. The Board will not consider any application until all of the required information concerning the application has been received. This includes a standard application form completely filled out (including signature and affidavit) a fee of \$25.00 if for Architect, Geologist, or Professional Engineer, \$15.00 if for Assayer or Land Surveyor, \$15.00 if for an Architect-in-Training, \$10.00 if for Engineer-in-Training or Geologist-in-Training, a transcript of record from all colleges attended (the applicant should arrange to have these transcripts sent directly from the college registrar to the office of the Board), and replies from references. The applicant's sole responsibility regarding references is that of furnishing a suitable list. It is the duty of the office of the Board to request information from these references. These references should include at least three registered persons, if possible in the same general field of experience as the applicant. Other persons will be acceptable as references only if their responsibility and their ability to evaluate the technical competence of the applicant can be established by the Board.

2. Engineers desiring registration in more than one branch must submit a separate application for each branch and pay the regular fee with each application. Registration in Engineering will be granted in the major branches: Chemical, Civil, Electrical, Mechanical, Metallurgical, Mining, Nuclear and Structural.

3. The Board does not grant registration to residents of other states, except under unusual circumstances, unless they hold registration in the state of their legal residence. Every case is carefully considered on its merits.

4. When registration is denied the applicant will be so notified. No re-application will be considered until one year has elapsed. When applications are denied the following refunds will be made: Architect, Engineer or Geologist \$12.50, Assayer or Land Surveying \$7.50, except that should the applicant take a written examination and fail it, no refund will be made.

5. All applicants must complete a personal audience before a member of the Board or a designated representative. The personal audience will be held at a time and place convenient to the Board. However, consideration will be given to applicants for a change in time and place when request is made in writing.

6. No application made on any other than a printed form issued by the Board shall be accepted or considered by the Board, excepting that, in the event any printed form issued by the Board does not contain sufficient space for the necessary evidence to be submitted, the applicant may attach additional sheets to said form to any desired extent, but such attached sheets shall be of the same size as the printed form and shall be securely attached thereto.

RULE II. EXAMINATIONS

A. General Rules

1. Applicants held for an examination but who fail to take it will be denied registration and forfeit the entire application fee. Applicants who are unable to take the examination on the required date shall notify the Board 10 days in advance and request an extension of time. Applicants who take an examination but who fail to achieve a passing grade will be allowed to take the next examination upon payment of the fee.

2. The examinations or portions thereof may be waived by the Board when, in the Board's opinion an applicant has a proven experience record of unusual and comprehensive quality.

3. The examinations need not necessarily be held in the same place or on successive days, the schedule being subject to the Board's convenience in conducting the examinations.

4. Applicants for Architect-in-Training, Engineer-in-Training and Geologist-in-Training will be permitted to take the basic examination prior to graduation, but their probationary period will not start until they have completed the requirements for graduation. Applicants without college degrees desiring to enter the Architect-in-Training, Engineer-in-Training or Geologist-in-Training program will be permitted to take the examination prior to the completion of four years of satisfactory experience by submitting an application bearing the approval of a registered architect, engineer, or geologist respectively, but their probationary period will not begin until the four years of experience satisfactory to the Board requirement has been met. Any architectural, engineering or geological college student may take the basic examination on a regularly scheduled date by submitting an application on the proper form bearing the approval by his dean or major professor. It will be necessary for him to pay the \$15.00 or \$10.00 fee required as listed above (Rule I.1) for registration as an Architect-in-Training, Engineer-in-Training, or Geologist-in-Training before taking the examination. If he passes the examination, full credit for his payment will be given on his application for registration as an Architect, Engineer, or Geologist. Should he fail the examination he will not be permitted to take it again without submitting another applications form properly approved and paying the fee.

Passing such an examination will not obligate the Board to accept him for registration as an Architect-in-Training, Engineer-in-Training, or Geologist-in-Training. It will satisfy the examination requirement should he be accepted.

5. All professional examinations (Architects, Assayers, Engineers, Geologists, and Land Surveyors) will be given regularly, at least twice annually, during the months of April and October.

Engineer-in-Training and Geologist-in-Training examinations will be given regularly, twice annually, during the first week of December and May. Applications for these examinations must be received by November 15 or April 15 respectively.

Architect-in-Training examinations will be given regularly, twice annually, during the months of April and October. Applications for this examination must be received by March first or September first, respectively.

B. CONTEXT OF EXAMINATIONS

1. All examinations shall contain questions covering the code of the State Board of Technical Registration.

2. Architect-in-Training - This examination will include; History and Theory, concerning the development of architecture; the effect of geography, climate, and material resources; the factors of site and orientation; the influence of science and technology; The varying response to the needs and desires of the changing social pattern; the evolution of design, methods of construction, structural systems, and building equipment; the influence of tradition and law. Typical historical examples. Structural Design, concerning the knowledge of various structural systems; when, how, and why each would be used; the determination of safe and efficient sizes of structural elements and arrangements of combinations of such elements as slabs, beams, girders, trusses, columns, walls, foundations, and footings, designed in various materials by either graphical or mathematical analysis. Building Equipment, concerning principles of design and detailed knowledge concerning heating, ventilating, air conditioning, plumbing, electric wiring, refrigeration, fire protection, and vertical transportation; taking into account scientific, technical, economic and practical factors; also compliance with codes for public health and safety.

3. Architecture - This examination will be a four day examination, and will include: History and Theory, the development of architecture; the effect of geography, climate and material resources; the factors of site and orientation; the influence of science and technology. The varying response to the needs and desires of the changing social patter; the evolution of design, methods of construction, structural systems, and building equipment; the influence of tradition and law. Typical historical examples. Site planning, a short design problem involving a group of public or private buildings of any type, intended to demonstrate the candidate's ability to safeguard the interest of both client and public with respect to land value, obsolescence, traffic; to develop a functional arrangement of buildings and site which will also result in a visually satisfying composition of forms in space. Architectural Design, a specific practical problem involving application of the principles of space design to solution of the program for a building such as might be found in architectural practice. The solution shall be submitted in drawings of specified number, kind, and scale to present an efficient arrangement, logical structural organization, compliance with basic codes for health and safety; also appropriate economy and satisfying aesthetic quality. Building Construction, the use of materials and methods of construction. The selection of appropriate materials and knowledge of how they are combined for use under given conditions, considering their practicality and durability, also the factors of safety, economy, and architectural expression. Supervision of construction; detection and correction of defects; sequence of construction operations. Structural Design, the knowledge of various structural systems; when, how, and why each would be used; the determination of safe and efficient sizes of structural elements and arrangements of combinations

of such elements as slabs, beams, girders, trusses, columns, walls, foundations, and footings, designed in various materials by either graphical or mathematical analysis. Professional Administration, questions relating to the ethical, legal, and administrative responsibilities of the architect; relationships between architect, owner, and contractor; building laws, lien laws, specifications, contracts, bonds, insurance, certificates, and arbitration. Building Equipment, principles of design and detailed knowledge concerning heating, ventilating, air conditioning, plumbing, electric wiring, refrigeration, fire protection, and vertical transportation; taking into account scientific, technical, economic and practical factors; also compliance with codes for public health and safety. Credit will be allowed registered Architects-in-Training for examinations previously taken and passed.

4. Assaying - this will be a one day examination which will include questions on fire assaying and gravimetric and volumetric chemical analysis of minerals and mineral products for the more important commercial metals.

5. Engineer-in-Training or Basic Engineering - This examination will cover such mathematics, basic science and engineering subjects as are common to each curriculum of accredited engineering colleges. This examination may include questions and problems in drawing, mathematics, chemistry, physics, mechanics, strength of materials, hydraulics, fundamentals of thermodynamics, economics and electricity. It will be a one day examination. This examination will generally be required of any applicant for registration as a professional engineer who graduated from an engineering college subsequent to January 1, 1953, and of all non-college graduates applying for registration as professional engineers. This rule will not be waived except in cases of outstanding comprehensive qualities when agreed to by the Board.

6. Professional Engineering - The complete professional examination for engineers is composed of 5 parts (except for Structural Engineerings which requires one additional day (8 hours) of examination) described as follows:

Part 1 (4 hours written) Basic Sciences and Mathematics

Part 2 (4 hours written) Engineering Sciences

Part 3 (4 hours written) Engineering Analysis

Part 4 (4 hours written) Engineering Design

Part 5 (10-30 minutes oral) Personal Audience*

Any one part, or combination of parts 1, 2, 3, and 4, may be waived by the Board, or a comprehensive oral examination substituted, when, in the Board's opinion, the evidence submitted by the applicant satisfies the Board that the applicant is fully qualified to practice the profession of Engineering in the branch specified.

All examinations are "open book" and the applicant may bring any texts or references desired. A slide rule and tables of logarithms and trigonometric functions will be helpful. Paper will be supplied by the Board. Special instructions are printed on each examination.

A grade of 70% will be required on each part for which the examinee is held.

7. Any one part or combination of Parts 1, 2, 3 and 4 in the Engineering examinations outlined in P. 5 and 6 Supra may be waived by the Board or a comprehensive oral examination substituted when, in the opinion of the Board, the evidence submitted by the applicant satisfies the Board that the applicant is qualified to practice the profession of engineering in the branch specified. All examinations are "open book" and the applicant may bring any texts or references desired. Paper will be supplied by the Board. Special instructions are printed on each examination. Records of past examinations are available for study in the office of the Board. However, such records may not be taken from the office of the Board.

8. Geologist-in-Training - This will be a one day examination in two parts: Part I, examination consisting of questions covering the principles of physical, historical, and structural geology, and mineralogy. Part II, examination consisting of problems in structural geology.

9. Geology - The complete professional examination for geologists is

Part 1 (4 hour written) Basic Geology I

Part 2 (4 hour written) Basic Geology II

Part 3 (4 hour written) Applied Geology

Part 4 (4 hour written) Geologic Problems

Part 5 (15-30 minutes oral) Personal Audience*

Any one part, or combination of parts 1, 2, 3, and 4, may be waived by the Board, or a comprehensive oral examination substituted, when, in the Board's opinion, the evidence submitted by the applicant satisfies the Board that the applicant is fully qualified to practice the profession of Geology.

A grade of 70% will be required on each part for which the examinee is held.

10. Land Surveying - This will be a two day examination which will include questions to determine knowledge of the techniques of Land Surveying; also knowledge of rules, regulations, and laws appertaining to the type of work described in Section 32-101 (12) of our State Code.

*Part 5 - Personal Audiences

This is an oral examination of 15-30 minutes given at a time and place convenient for the Board and will include questions covering the "Code, Rules, and By-Laws" of the State Board of Technical Registration.

C. FEES

Fees, payable in advance, for taking and retaking of examinations, over and above and exclusive of fees required for certificates, shall be as follows:

	FEES
1. ARCHITECTS EXAMINATION	
A---Academic and Practical Training-----	None
B---Personal Audience-----	None
C---History & Theory of Architecture-----	\$ 5.00
D---Site Planning-----	5.00
E---Architectural Design-----	10.00
F---Building Construction-----	5.00
G---Structural Design-----	5.00
H---Professional Administration-----	5.00
I---Building Equipment-----	5.00

Entire Examination-----	\$40.00
2. NCARB EXAMINATIONS	
1. Senior Examination-----	\$25.00
2. Personal Audience to complete NCARB Certification on basis of written examination-----	10.00
3. STRUCTURAL ENGINEERS EXAMINATION	
Part 1---Basic Sciences and Mathematics-----	\$ 5.00
Part 2---Engineering Sciences-----	5.00
Part 3---Engineering Analysis-----	5.00
Part 4---Engineering Design-----	5.00
Third Day---Structural Design-----	10.00
Part 5---Personal Audience-----	None

Entire Examination-----	\$30.00
4. NUCLEAR ENGINEER EXAMINATION-----	\$10.00
5. OTHER ENGINEERS EXAMINATION	
Part 1---Basic Sciences and Mathematics-----	\$ 5.00
Part 2---Engineering Sciences-----	5.00
Part 3---Engineering Analysis-----	5.00
Part 4---Engineering Design-----	5.00
Part 5---Personal Audience-----	None

Entire Examination-----	\$20.00
6. GEOLOGIST EXAMINATION	
Part 1---Basic Geology-----	\$ 5.00
Part 2---Basic Geology-----	5.00
Part 3---Applied Geology-----	5.00
Part 4---Geological Problems-----	5.00
Part 5---Personal Audience-----	None

Entire Examination-----	\$20.00

7. LAND SURVEYORS EXAMINATION

Part 1---Surveying Techniques-----	\$ 5.00
Part 2---Computations-----	5.00
Part 3---Rules and Regulations-----	5.00
Part 4---Legal Principles-----	5.00
Part 5---Personal Audience-----	None
<hr/>	
Entire Examination-----	\$20.00

8. ASSAYERS EXAMINATION-----\$10.00

RULE III. EXPERIENCE

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

RULE IV. TEMPORARY PERMITS

1. Temporary Permits may be issued to Registrants of other states covering one project for a period not to exceed 90 days. The applicant for a Temporary Permit shall file an application for registration complete in all respects, with his application for a Temporary Permit, including payment of the Application for Registration fee.

RULE V. SEALS

An imprint of the registrant's valid seal shall appear on each and every sheet of drawings and on the cover and index page of each set of specifications and/or reports or other professional documents, prepared by a registrant or his bonafide employee, over which the original signature of the registrant shall be indelibly superimposed.

RULE VI. REVISIONS

Any revisions in the Rules and Regulations adopted by the Board pursuant to authority of Arizona Revised Statutes of January 1956 as amended, shall be proposed and discussed at a regular meeting and if approved, publication shall be made and a hearing shall be called as required by Law for the next meeting of the Board, at which time action will be taken.

B Y - L A W S
Section I

NAME, SEAL, MEETINGS, AND ORGANIZATION

1. Name:

The name of this Board shall be the State Board of Technical Registration. This organization shall subsequently be referred to in these By-Laws as the Board. Wherever reference is made to Law, the same shall refer to Arizona Revised Statutes of January, 1956, and amendments thereto.

2. Seal:

The seal of the Board shall be as follows: An embossed circular seal consisting of three concentric circles, one and one-quarter ($1\frac{1}{4}$) inches, one and one-half ($1\frac{1}{2}$) inches, and one and three-quarters ($1\frac{3}{4}$) inches in diameter. At the top of the annular space between the two larger circles shall appear the words: "State Board of Technical Registration". Beginning near the bottom of the left side between the two smaller circles shall appear the words "For Architects, Assayers, Engineers, Geologists, and Land Surveyors." At the bottom of the annular space between the two larger circles shall appear the words, "Arizona, U.S.A.". Within the inner circle shall appear the Coat of Arms of Arizona.

3. Meetings:

Except as hereafter provided, regular meetings of the Board shall be held quarterly within each of the months of March, June, September, December, the exact date or dates of each meeting to be determined at the preceding meeting, or by the Chairman or Acting Chairman if the Board leaves the decision to him or if an emergency makes it unwise to conform to the decision reached by the Board.

When in the judgment of the Chairman of the Board, the work as prescribed for the Board by statute and by the procedure elsewhere set forth is insufficient to warrant the expense of a meeting of the Board, the Chairman may require a referendum of the Executive Committee, and on such support order the regular meeting to be postponed to another date, or waived for the quarterly period and memorandum of such action entered in the minutes of the next subsequent meeting of the Board.

All meetings shall be called for such time and at such place as may be designated by the Chairman, and stated by notice of such meetings, which notices shall be sent to all members of the Board two weeks in advance of the date thereof. Special meetings may be called at any time by the order of the Chairman, and shall be called by the Secretary when written request is filed therefor by three members of the Board. Due notices of such special meetings shall be given each member.

4. Organization

At the regular meeting of the Board in September of each year the Board shall elect from its members a Chairman, Vice-Chairman and Secretary who shall assume the duties of their office at the close of this meeting.

The Chairman shall, as soon thereafter as practicable, appoint from among the members of the Board the following standing committees: Executive, By-Laws and Rules, Public Information, National Council of Architectural Registration Boards, Budget Committee, Grievance Committee No. 1, Grievance Committee No. 2, and such other committees as may be required to facilitate the work of the Board.

Section II

DUTIES

1. Chairman:

The Chairman shall, when present, preside at all meetings, shall appoint all committees, shall sign all certificates, and other official documents, other than correspondence, and shall otherwise perform all duties ordinarily pertaining to the office of Chairman. All claims shall be signed by either the Chairman or Vice-Chairman. The Chairman shall be Ex-Officio member of all committees.

2. Vice-Chairman:

The Vice-Chairman shall, in the absence or incapacity of the Chairman, exercise the duties and then possess all the powers of the Chairman.

3. Secretary:

The secretary of the Board shall perform all duties as prescribed by the law and shall act as the general advisor of the Board, to the office of the Board. The secretary shall sign all claims encumbered against Board funds.

4. Executive Secretary:

The Board shall retain an Executive Secretary, who shall have charge of the office of the Board, together with such clerical assistance as may be deemed necessary.

5. Executive Committee:

The Executive Committee shall consist of the elected officers of the Board and three other members and its duties shall be to transact all business of the Board during intervals between regular or special meetings (except authorize the issuance of Certificates of Registration) and to make a report to the Board thereon at its next special or regular meeting.

6. By-Laws and Rules Committee:

The By-Laws and Rules Committee shall consist of three members who shall from time to time consider and recommend to the Board such modifications of the by-laws and rules governing examinations and other procedure of the Board as will secure best operating results.

The Committee shall report to the Board at each regular meeting and may report at any special meeting.

7. Public Information Committee:

The Committee on Public Information shall consist of all members, and its duties shall be to disseminate information concerning the policies and activities of the Board.

8. National Council of Architectural Registration Boards Committee:

The N. C. A. R. B. committee shall consist of the ex-officio member and four other members of the Board. The duties of this committee shall be to transact all business relating to the National Council of Architectural Registration Boards.

9. Budget Committee:

The Budget Committee shall consist of three members of the Board. The duties of this committee shall be to present to the Board at each September meeting the proposed budget for the following fiscal year.

10. Grievance Committee No. 1:

This committee shall consist of three members of the Board whose residence shall be convenient to the northern and central part of the State. The duties of this committee shall be to investigate complaints made against Registrants and Non-Registrants and to recommend Board action.

11. Grievance Committee No. 2:

This committee shall consist of three members of the Board whose residence shall be convenient to the central and southern part of the State. The duties of this committee shall be to investigate complaints made against Registrants and Non-Registrants and to recommend Board action.

Section III

PROCEDURE

1. Order of Business:

At each regular or special meeting of the Board the order of business shall be as follows:

1. Reading of the minutes of the last meeting.
2. Report of the Executive Committee.
3. Report of By-Laws and Rules Committee (required at regular meeting).
4. Report on Examinations.

5. Report of Public Information Committee.
6. Report of N. C. A. R. B. Committee.
7. Report of Budget Committee.
8. Report of Grievance Committee No. 1.
9. Report of Grievance Committee No. 2.
10. Report of Special Committees.
11. Reading of Communications.
12. Reading and considering of applications.
13. Unfinished business.
14. New Business.
15. Adjournment.

2. Voting:

Unless otherwise provided by the Act, a quorum of the Board being present, it shall be considered that favorable action has been taken upon any question if a majority of those present vote favorably.

Section IV

SEALS AND CERTIFICATES FOR REGISTRANTS

1. Description of Seals:

Each person registered under this Act must secure and use an embossed circular seal, or rubber stamp, one and one-half (1½) inches in diameter, consisting of two concentric circles, the outer circle to be one and one-eighth (1 1/8) inches in diameter. The upper portion of the annular space between the two circles shall bear whichever of the following phrases is applicable to the registrant: "Registered Architect", or Registered Professional Engineer", "Registered Geologist", "Registered Land Surveyor", or "Registered Assayer". At the bottom of the annular space between the two circles shall appear the inscription "Arizona, U.S.A.". The inner circle shall contain the name of the registrant and the words "Certificate expires Dec. 31, 19__" and in case of engineers, the branch of engineering in which registered.

2. Description of Certificate:

A Certificate of Registration of such size and form as the Board may approve shall be given to each registrant. Each registrant shall also receive a card on which shall be set forth all the data that appears on the Registrant's Certificate of Registration.

Section V

1. Amendments:

These By-laws may be amended at any regular or special meeting of the Board by favorable majority vote of the members present, provided a copy of the proposed amendment or amendments shall have been mailed to each member of the Board at least two weeks prior to the meeting at which it or they are to be considered.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the above changes be tentatively approved and be circularized to all professional societies with the information that these changes would be presented for Board approval in September under Sections VI or VII of the By-Laws. Motion carried.

It was moved by Mr. Royden and seconded by Dr. Shell that the Executive Secretary be directed to prepare for the Chairman's signature requests for opinions from the Attorney General on the following:

1. Can the State Board of Technical Registration register engineers as Professional Engineers without indicating the branches of engineering under which the applicant has indicated his proficiency?
2. Does the State Board of Technical Registration have the authority to register Structural Engineers under the Arizona State Code?

Motion carried.

REPORT ON EXAMINATIONS

A motion was made by Mr. Young and seconded by Mr. Weaver that the following grades as presented be accepted by the Board. Motion carried.

(Continued on next page)

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
62-3	Amarantides, John	P	P	180	F	P	F	P	E
59-2	Amin, Kamal	P	P	F	F	P	F	P	
61-3	Bailey, Garrison	DNA	DNA	P	DNA	DNA	F	P	
63-5	Barstad, Alden W.	F	F	160	78	P	F	P	E, F
62-20	Birtch, Dale R.	P	P	F	P	P	P	P	
*61-8	Brodsky, Daniel	P	87	P	P	P	P	P	D
60-8	Campbell, Dale H.	P	79	F	P	P	P	P	D
63-36	Cole, Theodore Dow	F	F	F	80	F	77	F	F, H
*61-17	Colvig, Kirk	P	P	P	P	P	77	P	H
62-42	Cruthis, James Hall	75	P	P	F	P	81	P	C, H
*61-22	Cummins, Robert A.	P	75	P	P	P	P	P	D
60-11	Dodge, David Elgin	P	P	F	F	P	75	P	H
59-14	Fellows, Rushia Glen	F	P	P	F	DNP	P	F	
*61-28	Fitzmaurice, Ralph T., Jr.	P	P	P	P	P	80	P	H
60-14	Freedlund, Lawrence H.	F	P	P	P	P	F	P	
63-60	Gadbery, Donald R.	P	75	150	F	P	F	P	D, E
63-76	Hamilton, John S. M.	F	F	150	F	F	76	F	E, H
*61-44	Jasper, James V.	P	P	P	75	P	P	P	F
*62-105	Lawton, Robert M.	P	P	150	P	P	P	P	E
*61-61	McCaleb, Russell H.	P	P	P	P	75	P	P	G
61-66	Martinez, Ramon F.	F	P	P	P	F	P	P	

DNA - Did not appear
DNP - Did not pay

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
61-67	Martino, Dom	P	P	F	P	F	P	F	
62-143	Newberg, Victor Eric	Ex	F	Ex	78	Ex	F	Ex	F
56-14	Olson, Herbert M.	F	P	P	P	F	P	P	
*62-158	Perkins, Glen Dale	83	P	Ex	Ex	Ex	P	Ex	C
63-137	Perrell, Richard C.	F	80	F	82	F	80	76	D, F, H, I
62-166	Rankin, William P.	75	F	F	F	P	P	P	C
61-88	Rice, Harry	P	P	P	P	F	76	P	H
58-18	Richey, John H.	P	P	F	P	F	P	P	
62-190	Sutterley, Edmund L.	P	P	P	F	P	P	P	
61-101	Tang, Andrew	P	P	F	F	P	80	P	H
55-1	Thompson, Kenneth C.	P	F	F	P	P	P	P	
62-200	Walser, Daniel J.	Ex	Ex	F	F	Ex	Ex	75	I
60-52	Wielgus, Ronald S.	P	F	P	P	P	P	P	
62-210	Willoughby, Rex	P	P	F	P	P	P	P	
61-112	Witner, James E.	P	F	P	P	P	P	P	
63-177	Witte, Willard W.	F	F	150	80	F	F	P	E, F

ARCHITECT-IN-TRAINING

01488

No.	Name	History & Theory	Structural Design	Building Equipment	Passed
		C	G	I	
60-3	Baker, Frederick E.	F	P	P	
63-10	Billingsley, Leroy C.	F	P	F	
63-16	Brown, Gordon Valance	82	F	80	C, I
62-28	Burlini, Alfred Hugo	F	75	77	G, I
63-31	Ceton, Raymond W.	80	F	F	C
63-33	Chann, Earl Kai	77	75	F	C, G
*63-34	Chayes, Stewart L.	P	P	75	I
61-13	Cipolla, Caesar A.	F	DNP	F	
61-14	Clark, Gerald L.	F	P	P	
63-41	Cramer, Donald H.	DNP	DNP	81	I
*63-43	Denny, Thomas P.	78	75	77	C, G, I
62-46	Devenney, Edmon L.	F	85	P	G
63-48	Edminster, Warren G.	81	F	79	C, I
63-51	Eley, William R.	F	P	76	I
63-63	Gegner, Stephen H.	F	75	F	G
63-89	Jette, William O.	F	75	81	G, I
60-23	Judd, Larry Dea	P	P	F	
63-116	McGarrity, Jack J.	F	DNP	F	
63-119	McKenzie, Robert I.	79	F	F	C
*63-124	Mather, Patrick J. C.	P	P	85	I
63-132	Norling, Kenneth R.	F	P	F	
61-80	Paul, Alan V.	F	P	P	
*61-82	Poage, Richard B.	P	P	83	I
*63-142	Reynolds, John S.	P	P	84	I

ARCHITECT-IN-TRAINING

01489

No.	Name	History & Theory	Structural Design	Building Equipment	Passed
		C	G	I	
63-144	Ryan, Grover E.	F	F	F	
*58-21	Thurman, Edward	P	75	P	G
63-163	Tymura, Edward J.	83	F	F	C
63-167	Waggoner, Richard Walter	F	F	F	
*61-108	Wall, Thomas	77	P	P	C

A motion was made by Mr. Stufflebean and seconded by Mr. Weaver that the following grades as presented are accepted by the Board. Motion carried.

ENGINEER-IN-TRAINING

No.	Name	I	II	Passed
*61-1	Ajeman, Matthew Lincoln	P	70	2
*63-1	Allen, F. Grant	75	92	1, 2
63-2	Atonna, Peter Guy	F	76	2
*63-4	Baron, Robert Van Buren	88	92	1, 2
*61-4	Bartholomew, Richard Franklin	P	78	2
*63-6	Barton, Gail V.	70	80	1, 2
62-15	Beckwith, George H.	70	F	1
63-13	Blatchford, Robert C.	F	F	
63-18	Bruss, Richard E.	F	F	
*63-19	Bub, Robert Edward	70	74	1, 2
63-20	Burns, Herbert Wallace	F	F	
*63-21	Butler, Thomas A.	70	96	1, 2
*63-22	Cammarata, Larry Charles	70	80	1, 2

ENGINEER-IN-TRAINING

No.	Name	I	II	Passed
63-25	Carson, Jon D.	F	76	2
63-26	Carson, Kit P.	74	F	1
63-27	Carter, Glenn D.	70	F	1
63-28	Cashin, James Anthony	F	P	
63-30	Cederstrom, Robert R.	70	F	1
*61-15	Clarke, William B.	70	P	1
*63-39	Conklin, Robert Barron II	72	70	1, 2
60-10	Coughlin, William I.	F	F	
*63-42	Crum, Robert S.	84	77	1, 2
*63-56	Dail, Vernon James	90	70	1, 2
*63-57	Davis, Dwight Wayne	70	70	1, 2
62-47	DeVore, James C.	P	F	
*63-44	Doughty, John Robert	72	80	1, 2
*63-46	Draper, George L.	70	78	1, 2
*63-47	Durbin, Clifford F.	72	86	1, 2
63-53	Ellis, Robert Lynn	F	70	2
63-54	Espinoza, Ernest T.	F	F	
63-55	Everhart, Ralph Chatfield	F	F	
62-57	Funderburk, Harvey A.	F	F	
*63-65	George, Oscar Lamar, Jr.	70	92	1, 2
*63-66	Glancy, John James	74	78	1, 2
*63-67	Glancy, Michael Owen	72	84	1, 2
63-69	Goudy, Harlan C.	F	78	2
63-70	Griffith, William Burt	F	DNA	
63-71	Guerin, Courtland F.	F	82	2
*63-75	Hall, Larry J.	70	100	1, 2

ENGINEER-IN-TRAINING

No.	Name	I	II	Passed
*63-191	Hall, Thomas H.	70	96	1, 2
*63-77	Harbert, Robert E.	70	82	1, 2
*63-78	Hardt, August V., Jr.	70	70	1, 2
63-79	Hazelwood, Herbert B.	F	83	2
*63-82	Helsten, David L.	70	70	1, 2
*63-85	Hermann, August Joseph	72	78	1, 2
*63-86	Hess, David William	70	82	1, 2
*63-87	Hocker, James Dorset	70	70	1, 2
*63-88	Hoopes, Jay Nat	82	80	1, 2
*62-88	Jacobson, Norman B.	P	82	2
*63-94	Kawamura, Hiroshi	70	80	1, 2
63-95	Kear, Jay Louis	F	76	2
63-96	Kent, George Clarence	F	F	
62-96	Knapp, John D.	P	F	
63-97	Kole, Charles P.	F	F	
*63-98	Kramer, Robert Joseph	70	78	1, 2
63-100	Lancaster, Leon Parr	F	70	2
*63-101	Lange, Thomas R.	90	96	1, 2
63-102	Leavitt, Jack	F	82	2
62-107	Lee, Faith M.	F	DNA	
*63-103	Lee, John W., Jr.	72	70	1, 2
*63-104	Lemberg, Milton B.	70	84	1, 2
63-107	Lim, David P.	F	F	
60-27	Lizardi, Joe H.	F	P	
63-108	Lloyd, William Harley	F	76	2
*63-110	Lovelady, John D.	71	84	1, 2

ENGINEER-IN-TRAINING

No.	Name	I	II	Passed
*63-111	Lyon, Thomas Edward	82	82	1, 2
63-113	McClure, Garland J.	F	F	
*63-115	McElhinney, Robert E.	90	88	1, 2
63-118	McKelvey, Raymond D.	F	F	
*63-121	Magee, Darel Gene	70	70	1, 2
63-125	Matlock, William Gerald	97	F	1
62-131	Mock, Frederick A.	F	F	
*63-129	Mundinger, Thomas M.	75	80	1, 2
63-131	Nelson, Patrick Canute	70	F	1
*63-138	Peterson, Harlow Ross	74	88	1, 2
*63-139	Peterson, Lyle Dean	70	86	1, 2
63-140	Pierson, Richard Kelley	F	70	2
63-141	Rader, Tommy F.	F	F	
63-143	Ritoch, John Michael	F	90	2
*63-146	Schopper, Melvin R.	70	94	1, 2
*63-147	Scussel, James Thomas	70	70	1, 2
63-152	Stafford, Jerry C.	F	DNA	
*63-153	Stinson, Donald J.	70	78	1, 2
*63-154	Sumegi, Robert B.	70	70	1, 2
63-156	Swartz, Reginald	F	76	2
63-157	Tang, Roland	F	74	2
*63-158	Tellis, Don Otis	70	78	1, 2
62-191	Terrell, Malcolm C.	F	F	
*63-161	Tucker, Lester William	70	70	1, 2
*63-162	Tuuri, Randolph J.	70	70	1, 2
63-164	Valeski, Robert D.	F	94	2

ENGINEER-IN-TRAINING

No.	Name	I	II	Passed
63-168	✓ Werhan, Ronald W.	F	F	
63-169	✓ White, Billy P.	70	F	1
63-171	✓ Willey, Earl C., Jr.	F	F	
63-172	✓ Williams, A. E., Jr.	F	F	
63-174	✓ Willow, James H.	F	70	2
63-175	✓ Wilson, Jerome Michael	F	88	2
60-53	✓ Wilt, James I.	F	F	
*63-176	Wise, Judith Jane	72	70	1, 2
*63-178	Woodruff, David H.	70	99	1, 2
*63-179	Wooldridge, Carolyn B.	70	77	1, 2
63-180	✓ Yano, Henry Susumu	F	F	
63-181	Young, Robert A.	F	98	2
GEOLOGIST-IN-TRAINING				
*62-11	Balla, John C.	85	100	1, 2

CIVIL ENGINEERING		1.	2.	3.	4.	Passed
63-3	✓ Baker, William H.	Ex	Ex	84	F	3
63-7	✓ Baruch, Richard M.	Ex	Ex	F	F	
63-8	✓ Bedenkop, Dale V.	F	70	80	72	2, 3, 4
*63-9	✓ Bigler, Kenneth D.	Ex	Ex	86	70	3, 4
*63-24	✓ Brechler, Ronald C.	Ex	Ex	95	97	3, 4
62-234	✓ Budwig, Jerry	Ex	Ex	P	F	
*62-29	✓ Busch, Charles D.	Ex	Ex	87	81	3, 4
63-38	✓ Condes de la Torre, Alberto	P	P	F	85	4
*62-40	✓ Cooper, Gary L.	P	P	82	72	3, 4
61-18	✓ Copple, Raymond B.	Ex	Ex	F	P	

CIVIL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
60-9	Corley, Vaughn S.	P	P	F	81	4
62-51	Farrer, Robert E.	F	F	F	72	4
62-54	Findlay, Frank M.	P	P	F	P	
*62-60	Gervasio, Joseph A.	Ex	Ex	71	90	3, 4
61-31	Gilmore, Earl P.	Ex	Ex	F	P	
60-18	Gostinski, Leonard	F	F	F	P	
*62-66	Grimm, Albert A.	Ex	Ex	70	P	3
62-68	Gutierrez, Rosendo, Jr.	P	F	F	F	
62-70	Halderman, Allan D.	Ex	Ex	F	76	4
*62-72	Harring, Arnold W.	P	P	83	77	3, 4
*62-80	Hook, John M.	P	P	83	73	3, 4
*61-42	Hunt, Norman K.	P	P	P	73	4
61-43	Hutchinson, Quinn L.	F	F	P	P	
61-46	Kienitz, Robert D.	Ex	Ex	F	P	
61-47	Kirby, Earl O.	P	P	F	P	
*62-101	Lahlum, Arne	P	P	P	86	4
62-102	Lamb, Lawrence	Ex	Ex	73	F	3
*61-52	Latham, James C.	Ex	Ex	72	P	3
62-104	Lathrop, Frances H.	P	70	73	F	2, 3
61-55	Loebs, T. L.	P	P	P	F	
*62-114	McCormick, Thomas A.	Ex	Ex	P	97	4
*63-114	McDonald, Robert G.	P	P	72	82	3, 4
63-117	McGlamery, Donald B.	F	F	F	78	4
*62-121	Marr, Douglas Ian	Ex	Ex	P	98	4
62-122	Marshick, Allan R.	Ex	Ex	F	P	
*60-32	Mear, Harvey A.	P	P	72	78	3, 4

CIVIL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
62-128	Michaels, Gus R., Jr.	P	P	P	F	
63-126	Miller, James R.	Ex	Ex	F	87	4
62-132	Montano, Manuel T.	P	P	P	F	
62-134	Morgan, Donald C.	Ex	Ex	F	F	
*63-127	Morris, Larry G.	75	100	73	94	1, 2, 3, 4
*63-128	Morrow, Omer Keith	Ex	Ex	81	87	3, 4
*62-137	Morton, Richard W.	P	P	73	80	3, 4
*61-73	Munoz, Eleazar J.	P	P	70	75	3, 4
62-141	Murphy, Richard I.	P	P	F	F	
*60-35	Myers, H. Lee	P	P	P	93	4
62-147	O'Dell, William	P	P	P	F	
*62-148	Ogden, Buckley Lester	P	P	P	91	4
62-150	Osborn, Herbert B.	Ex	Ex	80	F	3
62-151	Osmus, H. Martin	Ex	Ex	F	96	4
62-152	Overacker, George R.	P	P	F	P	
*62-153	Parke, Robin E.	P	P	F	86	4
*62-154	Pearce, Richard N.	P	P	84	P	3
61-81	Place, Kenneth M.	F	P	P	P	
60-39	Ramsey, William A.	F	F	F	F	
61-86	Ratermann, Mark J.	P	F	P	P	
62-168	^k Richard, Harold R.	Ex	Ex	F	F	
59-24	Rochin, Mario A.	Ex	Ex	F	83	4
60-41	Roe, E. Chester	Ex	Ex	F	P	
62-181	Sloan, Dean E.	Ex	Ex	75	F	3
62-182	Smith, Boyd	P	P	F	P	
61-96	Smith, Robert H.	DNP	DNP	F	P	

CIVIL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
61-99	Soyster, George W.	F	F	F	P	
62-187	Starck, William G.	P	P	F	87	4
63-160	Thibeau, Walter J.	F	F	F	89	4
60-49	Vance, George C.	Ex	Ex	P	F	
62-199	Voelker, Edward Dick, Jr.	F	70	P	P	2
*61-107	Walker, Roger P.	P	P	84	P	3
*62-202	Way, Howard M.	P	P	P	70	4
62-208	Wigal, D. V.	70	70	P	DNP	1, 2
63-173	Williams, Richard B.	P	P	F	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	71	4
62-214	Wolfe, Donald Rex	P	P	F	P	

STRUCTURAL ENGINEERING

	1.	2.	3.	4.	5.	6.	Passed	
*62-1	Adam, Carl Herman	Ex	Ex	P	73	P	P	4
*62-2	Alagia, Jayantilal Shamjibhai	85	87	86	98	74	88	1,2,3,4,5,6
*62-18	Benson, Roger D.	Ex	Ex	Ex	Ex	88	92	5, 6
62-31	Carey, William B.	Ex	Ex	Ex	Ex	85	F	5
*63-59	Finley, Noel Kent	Ex	Ex	Ex	Ex	78	78	5, 6
62-76	Hollman, Edgar Allan	Ex	Ex	Ex	Ex	F	F	
61-70	Matkin, George O.	Ex	Ex	Ex	Ex	F	F	
*62-127	Mertz, Walter Leonard	Ex	Ex	Ex	Ex	75	76	5, 6
62-135	Morgan, John Beaumont	Ex	Ex	F	F	76	72	5, 6
*63-150	Spisz, John Frank	Ex	Ex	Ex	Ex	88	76	5, 6
62-215	Wold, Max P.	Ex	Ex	Ex	Ex	75	F	5

ELECTRICAL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
62-53	Bowser, Robert W.	Ex	Ex	F	P	
*59-5	Brown, F. Robert	P	P	72	P	3
*62-23	Cannon, Alton H.	Ex	Ex	95	85	3, 4
63-24	Carlson, Norman L.	Ex	Ex	F	F	
*63-37	Collins, William Dean	Ex	Ex	88	92	3, 4
63-49	Edwards, Edwin D.	Ex	Ex	F	70	4
*63-62	Garretson, Byron E., Jr.	P	P	82	80	3, 4
61-29	Garrod, Thomas W., Jr.	Ex	Ex	F	P	
63-68	Goldman, Winston Wirt	P	P	F	93	4
62-64	Gordon, Joseph P.	Ex	Ex	F	P	
62-67	Gross, Gerald	P	P	F	71	4
*63-72	Guthrie, Richard G.	70	70	83	70	1,2,3,4
63-74	Hall, Cecil Adron	Ex	Ex	F	71	4
63-91	Johnston, Robert H.	Ex	Ex	F	71	4
*63-93	Jones, Raymond Perkes	Ex	Ex	75	73	3, 4
*62-116	McKim, Ivan, Jr.	Ex	Ex	80	100	3, 4
60-30	Martin, Lonnie D.	Ex	Ex	F	P	
*62-164	Powles, W. Earl	Ex	Ex	71	79	3, 4
63-148	Shaffer, Donald K.	P	P	F	71	4
MECHANICAL ENGINEERING						
62-19	Berge, Craig M.	P	P	P	F	
*63-12	Bixby, George, Jr.	Ex	Ex	71	70	3, 4
*62-22	Bodell, Cornell	Ex	Ex	87	P	3
60-5	Bogner, Robert L.	74	DNA	95	89	1, 3, 4
62-34	Christoph, Chris K.	Ex	Ex	F	F	
63-45	Drain, Bob R.	P	P	70	F	3
63-50	Egleston, Roger L.	Ex	Ex	F	F	
62-53	Festin, Glen R.	P	P	74	F	3

MECHANICAL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
62-58	Gallow, John J.	Ex	Ex	78	F	3
63-64	Genter, Robert Edwin	Ex	Ex	73	73	3, 4
*62-61	Giclas, Henry L., Jr.	P	P	89	P	3
62-73	Harvey, James R.	P	P	F	F	
62-81	Howard, Robert Grant	P	P	77	F	3
62-90	Johns, David Ray	P	P	F	F	
*63-92	Jones, Raymond Nelson	Ex	Ex	92	83	3, 4
*62-91	Jones, Roswell	Ex	Ex	74	70	3, 4
*63-105	Lester, John Welch	Ex	Ex	93	83	3, 4
*62-124	Martin, William O.	P	P	85	P	3
62-138	Motsinger, Richard N.	Ex	Ex	F	F	
63-130	Nelesen, Albert J., Jr.	Ex	Ex	71	73	3, 4
63-135	Park, Arthur C.	Ex	Ex	Ex	F	
61-93	Schweitzer, Frank W.	70	82	70	F	1, 2, 3
62-175	Shaner, William Lindsay	Ex	Ex	70	71	3, 4
60-45	Sybert, Warren M.	Ex	Ex	F	91	4
63-170	Widener, Vaughn W.	P	P	F	F	
METALLURGICAL ENGINEERING						
*63-73	Hagerman, Kenneth C.	Ex	Ex	97	85	3, 4
MINING ENGINEERING						
*61-2	Alexander, Donald J.	Ex	Ex	90	73	3, 4
*62-99	Kuck, David L.	Ex	Ex	94	81	3, 4
62-111	Lewis, Ezra H.	F	F	100	91	3, 4

GEOLOGY

No.	Name	1.	2.	3.	4.	Passed
*61-20	Cribbs, Richard E.	Ex	Ex	P	84	4
62-112	Lewis, Ezra H.	P	P	P	F	
*62-197	Urband, Howard	P	P	P	98	4
LAND SURVEYING						
62-6	Anderson, John Calvin	86	F	P	P	1
62-30	Byrne, William E. R., III	P	77	F	P	2
*61-12	Chambers, Donald C.	78	76	74	P	1, 2, 3
60-22	Jones, Raymond Lee	P	F	P	P	
*62-95	Kelch, Robert William	P	80	P	P	2
*61-53	Lay, George J.	79	75	P	P	1, 2
61-58	Lorton, Bradley B.	F	F	F	P	
*62-123	Martin, Arthur Henry	85	82	P	93	1, 2, 4
*59-21	Meredith, Howard L.	P	83	P	P	2
*61-83	Pollock, Adrian Roy	87	82	70	81	1, 2, 3, 4
*63-149	Shaw, Robert Stanley	92	95	90	77	1, 2, 3, 4
60-42	Shirley, William B.	P	F	P	P	
*62-178	Sindel, Fred	77	P	70	70	1, 3, 4
62-180	Skipper, Charles Howard	87	80	F	72	1, 2, 4
63-151	Spratt, Virgil E.	70	F	F	F	1
63-155	Swafford, Walter Linden	Ex	Ex	F	72	4
63-165	Voss, Jimmie E.	F	F	F	71	4

A motion was made by Mr. Young and seconded by Mr. Weaver that the following applicants for Architect-in-Training, Engineer-in-Training, and Geologist-in-Training who have passed the examination are to be granted registration upon receipt of necessary transcript of college credits. Motion carried.

ARCHITECT-IN-TRAINING

Chayes, Stewart L.
 Denny, Thomas P.
 Mather, Patrick J. C.
 Poage, Richard B.

Reynolds, John S.
 Thurman, Edward
 Wall, Thomas

ENGINEER-IN-TRAINING

Ajeman, Matthew Lincoln
 Allen, F. Grant
 Baron, Robert Van Buren
 Bartholomew, Richard Franklin
 Barton, Gail V.
 Bub, Robert Edward
 Butler, Thomas A.
 Cammarata, Larry Charles
 Clarke, William B.
 Conklin, Robert Barron, II
 Crum, Robert S.
 Dail, Vernon James
 Davis, Dwight Wayne
 Doughty, John Robert
 Draper, George L.
 Durbin, Clifford F.
 George, Oscar Lamar, Jr.
 Glancy, John James
 Glancy, Michael Owen
 Hall, Larry J.
 Hall, Thomas H.
 Harbert, Robert E.
 Hardt, August V., Jr.
 Helsten, David L.
 Hermann, August Joseph

Hess, David William
 Hocker, James Dorset
 Hoopes, Jay Nat
 Jacobson, Norman B.
 Kawamura, Hiroshi
 Kramer, Robert Joseph
 Lange, Thomas R.
 Lee, John W., Jr.
 Lemberg, Milton B.
 Lovelady, John D.
 Lyon, Thomas Edward
 McElhinney, Robert E.
 Magee, Darel Gene
 Munding, Thomas M.
 Peterson, Harlow Ross
 Peterson, Lyle Dean
 Schopper, Melvin R.
 Stinson, Donald J.
 Sumegi, Robert B.
 Tellis, Don Otis
 Tucker, Lester William
 Tuuri, Randolph J.
 Wise, Judith Jane
 Woodruff, David H.
 Wooldridge, Carolyn B.

GEOLOGIST-IN-TRAINING

Balla, John C.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

No report.

REPORT OF THE N.C.A.R.B. COMMITTEE

Mr. Martin Ray Young reported on the attendance of himself and the Executive Secretary at the annual N.C.A.R.B. meeting in Miami, Florida, on May 13th

and 14th. He reported at that time that there was a Western Conference being formed within the structure of N.C.A.R.B. and that Arizona had been invited to participate in this conference.

It was moved by Mr. Stufflebean and seconded by Dr. Shell that the Architectural members of the Board and the Executive Secretary be authorized to attend the next meeting of the Western Conference of N.C.A.R.B. in Las Vegas, Nevada, September 21st and 22nd. Motion carried.

REPORT OF SPECIAL COMMITTEES

Office Procedure Committee - It was moved by Mr. Stufflebean and seconded by Mr. Royden that the Executive Secretary be authorized to secure, use and maintain a bulk mailing permit from the Post Office Department for use in mailing third class material from the office of the Board. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the Executive Secretary be authorized to purchase for office use a bookcase, cost of which not to exceed \$70.00. Motion carried.

Engineering Examinations Committee - Mr. Royden reported that he, Mr. Stufflebean, Dr. Shell and the Executive Secretary attended a conference of the Western Zone of N.C.S.B.E.E. May 1st and 2nd in San Francisco where the majority of the discussion was on engineering examinations.

READING OF COMMUNICATIONS

The Executive Secretary read to the Board the subpoena by the Industrial Commission. The Executive Secretary was directed to write a letter to the Assistant Attorney General requesting information as to the disposition of the documents covered by this subpoena and a method to insure their return to the office of the Board.

Mr. Jerry Lawson reported that a pre-trial hearing was scheduled on the matter of William Keplinger for a review of the testimony under which his registration was revoked.

READING AND CONSIDERING APPLICATIONS

It was moved by Mr. Weaver and seconded by Mr. Herreras that Mr. Ben B. White's application be taken out of abeyance and that he be held for a personal audience. Motion carried.

It was moved by Mr. Young and seconded by Mr. Weaver 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. Carried unanimously.

ARCHITECTURE

Bronfen, Sanford Robert	5375	
Gardner, Wm. H.	5383	
Heitschmidt, Earl T.	539	(re-registration)
Schneider, Frank Philip	5440	
Trout, Chalmer Edward	5441	

CIVIL ENGINEERING

Eliassen, Rolf	5442
Lau, Dickson Tsoi-Woh	5443
Loper, L. C.	5444
Mogg, Joe Luther	5445
Morris, John Ryan	5446
Morris, Richard E.	5447
Shirk, Charles Albert	5448
White, Ben B.	5452

CHEMICAL ENGINEERING

Cecil, Lawrence Keith	5449
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MINING ENGINEERING

Hurst, Robert M.	5450
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GEOLOGY

Ford, Robert	5451
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ENGINEER-IN-TRAINING

Briggs, Philip Charles	347
Collins, Donald J.	348
Ong, Benjamin W.	349

It was moved by Mr. Young and seconded by Mr. Herreras that the following applicants for professional registration be denied without prejudice at their request due to the individual's inability to appear for a personal audience. No refund to be allowed. Motion carried.

ARCHITECTURE

61-21	✓	Cromwell, Edwin B.
59-13	✓	Ellingham, Clifford A.
59-15	✓	Gray, Benjamin
61-40	✓	Hagman, John A.
56-7	✓	Joseph, John Phillip
58-7	✓	Jost, Albert H.
62-232	✓	Laffan, William Joseph
60-36	✓	Netsch, Walter A.
62-233	✓	Robison, George D.
62-237	✓	Stewart, Harold John
59-33	✓	Warnecke, John Carl

CIVIL ENGINEERING

60-2	✓	Babcock, H. Nash
57-1	✓	Britzke, Leonard A.
62-32	✓	Carlisle, James Norwood
59-10	✓	Doane, Philip E.
59-11	✓	Donnelly, Edward J.
62-97	✓	Knoerle, Joseph K.
59-19	✓	Ludwig, Harvey F.
56-9	✓	Martin, John Edward
62-125	✓	Marton, Joseph Carl
61-71	✓	Michael, Stanley A.
59-22	✓	Ombruni, Paul R.
62-160	✓	Pickett, Benjamin L.

STRUCTURAL ENGINEERING

- 58-9 ✓ Kulka, Felix
 62-117 ✓ Macomber, Robert Charles
 61-74 ✓ Niles, Reno A.
 57-16 ✓ Waidelich, Alfred Thomas

ELECTRICAL ENGINEERING

- 62-71 ✓ Hannestad, John Waldmar

MECHANICAL ENGINEERING

- 60-13 ✓ Evans, Sam
 58-10 ✓ Lebman, Frank M.
 62-211 ✓ Wilson, Lawrence Wayne

GEOLOGY

- 56-17 ✓ Jacobsen, John R.

LAND SURVEYING

- 61-23 ✓ Davidson, T. Dean
 60-29 ✓ McDermott, Robert G.

It was moved by Dr. Shell and seconded by Mr. Royden that the following applicants for professional registration be denied without prejudice at their request due to the individual's inability to appear for the written examination. No refund to be allowed. Motion carried.

MECHANICAL ENGINEERING

- 60-55 ✓ Massey, William R.

It was moved by Mr. Weaver and seconded by Mr. Young that the request of John Bozalis that his application for registration in Architecture be withdrawn due to failure of being processed be granted and that his application be denied without prejudice. Refund of \$12.50 to be allowed. Carried unanimously.

It was moved by Mr. Herreras and seconded by Mr. Stufflebean that the following applicants for professional registration be denied without refund for failure to complete the personal audience requirements and answer correspondence from this Board in the seven-month period preceding this meeting. Motion carried.

ARCHITECTURE

- 58-1 ✓ Baran, Edward G.
 59-3 ✓ Bartels, Edward F.
 59-7 ✓ Chernoff, Jack
 61-19 ✓ Coston, Truett H.
 58-5 ✓ Fox, Harry R.
 60-16 ✓ Goodman, Charles Morton
 59-16 ✓ Gustafson, Winfred O.
 60-25 ✓ Kittles, DeVerne R.
 61-59 ✓ Lumpkins, William
 59-20 ✓ McDonald, William E.
 58-15 ✓ Moyes, Peter M. A.
 60-40 ✓ Rochlin, Fred
 59-26 ✓ Sanford, A. Carol
 59-27 ✓ Schlichting, Gordon Arthur
 60-44 ✓ Stewart, James B.
 60-47 ✓ Trumble, Lang
 58-22 ✓ Wallner, Hans
 57-17 ✓ Wisbeck, Arnold R.

CIVIL ENGINEERING

- 60-1 Ames, Marvin
 57-2 Bull, Elwin W.
 57-3 Cone, Charles A.
 58-4 Dunn, Thomas Monroe
 60-12 Durfee, Jack M.
 57-4 Greenough, Robert
 57-5 Grosvenor, Charles G., Jr.
 56-4 Hatfield, C. R.
 57-7 Henderson, Robert S.
 62-78 Hill, Thomas R.
 62-79 Honigs, Earl David
 61-41 Hovey, William B.
 62-84 Huffman, Jay Wilbur
 58-8 Klayton, Thurston
 57-9 List, Howard H.
 56-10 Mendenhall, Irvan Frank
 56-13 Nelson, Claron Richard
 61-75 Oberkamper, Leon E.
 62-161 Picone, Marico Anthony
 57-12 Schmid, Ben Linden
 57-13 Server, Leon
 59-28 Smillie, Roy L.
 59-29 Spitz, James Richard
 58-19 Spriggs, Theodore F.
 58-20 Stuber, Harry William
 59-30 Stuckey, Robert L.
 57-15 Van Sickle, Norman E.
 57-18 Wunderlich, Arthur H.

STRUCTURAL ENGINEERING

- 60-6 Butzbach, Harold
 62-59 Gerber, Alfred Henry
 58-6 Homan, Earl Wilson
 58-13 Martin, John Alfred
 56-11 Mendenhall, Irvan Frank

ELECTRICAL ENGINEERING

- 61-11 Cass, Fred William
 57-6 Hardgrave, Walter F.
 60-24 Killgore, Cecil Lloyd
 58-17 Phillips, Arthur Harrison
 56-15 Prideaux, Cyril Fremont
 59-25 Ryer, L. M.

MECHANICAL ENGINEERING

- 59-12 Dubin, Fred Stanley
 59-18 Koton, Jacob
 56-8 Kram, Harvey
 61-54 Layne, Fred M.
 61-68 Massa, Manfred C.
 61-69 Massa, Rudolph Valentino
 58-14 Mather, Bernard Joseph
 57-11 Pruden, Bradlee
 56-16 Schlessinger, Martin W.
 60-46 Tkach, Joseph
 60-50 Vandament, Don

PETROLEUM ENGINEERING

61-98 Sorrells, Warren D.

GEOLOGY

62-195 Thurston, Ralph H.

LAND SURVEYING

59-1 Ainsworth, Gordon E.
 60-4 Bell, James L.
 58-2 Davis, David H.
 58-3 Duff, John B.
 60-56 Ehlinger, William H.
 56-3 Frederick, Robert Earl
 60-17 Gook, Richard E.
 61-56 Logan, Duane Lee
 57-10 Pafford, Frank William
 62-184 Spurlock, Charles E., Jr.
 60-43 Stephenson, Thomas F.
 59-34 Syphus, E. Ross

ASSAYING

62-163 Platt, Charles L.

It was moved by Mr. Weaver and seconded by Mr. Stufflebean that the following applicants for professional registration be denied without refund for failure to complete their files as requested by the Board. Motion carried.

ARCHITECTURE

62-224 Leucht, Eugene Emil
 62-220 Padgett, Sidney Taylor

ELECTRICAL ENGINEERING

61-121 Graybeal, Troy David

GEOLOGY

62-222 Shields, Jay Manville

LAND SURVEYING

62-219 Orr, Harold R.
 62-223 Wagner, Thomas Herbert

ENGINEER-IN-TRAINING

61-122 Schetter, Thomas J.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the following applicants for professional registration be denied without refund for failure to appear for examination and to answer correspondence from the Board. Motion carried.

ARCHITECTURE

62-14 Beadle, Alfred Newman
 59-4 Brand, Wm. Hoover
 61-10 Campbell, Ian Douglas
 60-20 Jakob, John Herman
 62-98 Kouts, Arthur Cecil

- 60-26 Lembke, Alfred O.
 62-236 Lindman, William Edward
 56-12 Moll, Frederic H.
 59-23 Parsons, H. Scott
 62-174 Schutz, Charles Claude

ARCHITECT-IN-TRAINING

- 63-32 Chaney, Wayne N.
 62-56 Fulton, James Cooper, III
 61-32 Greene, Richard Max
 61-33 Griffin, Charles Edward
 62-113 Lugo, Michael A., Jr.
 63-133 Pace, Fred Rankin
 63-159 Thayer, Gerald Lynn

CIVIL ENGINEERING

- 56-1 Adams, Donald Jordan
 62-8 Armendariz, Mike R.
 62-13 Barnett, Norman C.
 61-5 Beatty, Joseph Allen
 61-9 Burrus, William Thomas
 62-41 Cotter, Thomas J.
 61-24 Dearth, Keith H.
 56-2 Dewey, Jesse Wilcox
 62-52 Fessler, Albert L.
 62-62 Gill, Edgar Lucius
 60-18 Greer, Theodore Bradford
 61-34 Hancock, John G.
 61-35 Hanson, Norman A.
 61-37 Heinke, William R.
 59-17 Hess, John D.
 62-77 Hill, John O.
 62-92 Jorgenson, Jack Christian
 61-48 Kleberger, Kenneth Alfred
 61-60 Lundberg, John A.
 58-11 McKee, Rodney G.
 61-62 McNatt, Marvin A.
 60-31 Martin, Nelson S.
 59-35 Martinez, Joe G.
 60-33 Miller, Carmi R.
 62-129 Miller, Charles Robert
 61-72 Miller, Roy C.
 60-34 Millet, James A.
 62-133 Moore, Gordon Eldridge
 62-140 Mumm, Jake F., Jr.
 62-145 Norton, Gerald Allen
 61-76 Ohnesorgen, William B.
 61-78 Parrott, Frank Herbert, Jr.
 61-79 Patterson, Roger S.
 62-162 Pilcher, Delbert L.
 61-85 Pyles, David H.
 62-169 Riley, John David
 62-171 Ruppert, Fred Edmond

- 61-91 Schmieding, Howard A.
 62-183 Sorenson, Harold James
 62-193 Thomas, Gordon H.
 62-201 Warren, Clinton Griffin
 62-203 Webb, Neal A.
 62-205 West, John William
 62-206 Wheeler, Raymond T.
 62-212 Winters, Cecil A.

STRUCTURAL ENGINEERING

- 62-87 Jackson, Richard Mason, Jr.
 62-89 Jett, George B.
 62-142 Nagle, Paul Goodman
 62-173 Salvucci, Joseph
 62-183 Sorenson, Harold James
 62-186 Stanton, Leonard Joseph
 61-109 Weissman, Leonard A.
 62-204 Wells, Cecil H., Jr.
 61-110 Whitney, Schuyler Allen

ELECTRICAL ENGINEERING

- 62-65 Gould, Francis Henry
 60-19 Hadra, Carl Minton
 62-75 Herzing, Don John
 61-120 Chafetz, Arthur B.
 62-83 Huddleston, Richards Roderick
 51-49 Koegel, Albert C.
 62-110 Levin, Robert
 58-16 Patchett, Frank G.
 62-176 Shaver, John Wesley
 61-97 Smith, R. S.
 62-188 Stephens, James Donald
 59-32 Thomas, John F.

MECHANICAL ENGINEERING

- 62-33 Carver, William Lloyd
 62-94 Kallet, Sidney E.
 61-64 Martin, Julian
 62-130 Miller, Donald J.
 60-37 Palmer, Stewart R.
 62-172 Sahakian, Valak Karekin
 61-92 Schrieber, Martin Bishop, Jr.
 57-14 Sferra, Robert Wm.
 61-100 Swearingen, Thomas Burke
 61-105 Von Felton, Raymond C.
 60-51 Webster, James Irving

GEOLOGY

- 61-111 Winterhalder, Erwin C.

LAND SURVEYING

- 61-6 Bellows, Floyd F.
 62-17 Benson, Ralph Harold
 61-36 Hanson, Norman A.
 61-39 Holmgren, H. Lloyd

61-51 Kupstas, Robert L.
 62-109 Lenderking, Carroll W., Jr.
 62-139 Mueller, John Joseph
 62-156 Pentter, Eli Meryl
 62-198 Vian, Gerald Eugene
 61-106 Walker, Abner B.
 62-205 West, John William

ENGINEER-IN-TRAINING

62-9 Babcock, Stephen George
 62-10 Baker, Ralph A.
 62-12 Ballesteros, Jose C.
 62-16 Beene, John Martin
 62-21 Blackwell, James Robert
 63-17 Brown, Wayne R.
 62-27 Burns, Jack Patton
 62-35 Chyle, John Jay
 62-36 Cindrigh, Charles
 62-37 Cline, Charles R.
 62-39 Compton, Richard T.
 63-40 Cota-Robles, Armando
 59-8 Crossette, Joseph G.
 62-43 Culpepper, Richard C.
 62-45 Delimont, Duane C.
 62-49 Donnelly, LeRoy C.
 62-50 Dupre, Barry E.
 61-114 Frauenfelder, Henry Roger
 60-15 Galias, Glen J.
 62-60 Haehl, Stephen
 63-84 Herfkens, Francis R.
 62-82 Howard, Robert L.
 62-86 Hutchens, Ronald H.
 61-45 Judd, A. James
 62-93 Judd, Leonard Robert
 61-115 Kruzan, Kenneth M.
 62-100 LaBar, John A.
 62-103 Larriva, Richard
 62-106 Leach, Donald T.
 61-116 Lemme, William A.
 61-57 Logan, Edward A., Jr.
 60-28 Lutz, George Robert
 61-117 McCoy, James Irving
 62-115 McGrath, James F.
 62-120 Mack, Gerald
 61-118 Metcalf, Charles R.
 62-136 Morris, Donald L.
 62-144 Nogales, Robert
 61-77 Paquette, John Edward
 62-155 Rendleton, Nathaniel D.
 61-90 Rudolff, Dale W.
 62-177 Shillings, Clarence E.
 61-95 Sipes, Kenneth L., Jr.
 62-185 Stanley, John T.

- 62-192 Thomas, Edward D.
 62-194 Thomas, Gordon H.
 62-207 Wiestling, Joshua M.
 62-209 Williams, Lee R., Jr.

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the following applicants for professional registration be denied without refund for failure to appear for examination, having requested extensions less than ten days prior to the examination. Motion carried.

ARCHITECTURE

- 61-3 Bailey, Garrison

CIVIL ENGINEERING

- 61-27 Evans, Max E
 62-179 Sinemus, Herman C.
 61-102 Tate, Donnie L.

MECHANICAL ENGINEERING

- 60-7 Cain, Archie
 62-167 Ricci, Harry R.

ARCHITECT-IN-TRAINING

- 63-11 Bird, Winifred L.
 62-63 Gomez, Robert
 63-85 Hermann, Frank J.
 63-145 Sams, Roger L.

ENGINEER-IN-TRAINING

- 63-109 Lototski, Walter Leon
 61-87 Renz, Curt Howard

It was moved by Mr. Weaver and seconded by Mr. Young that the following applicants for professional registration be granted an extension to take the examination in October. Motion carried.

CIVIL ENGINEERING

- 61-7 Bridwell, George L.

ELECTRICAL ENGINEERING

- 58-12 MacDonald, John H.
 61-89 Rodesney, Frank

STRUCTURAL ENGINEERING

- 62-4 Anderson, Alfred B.

LAND SURVEYING

- 63-136 Parks, Lawrence

It was moved by Mr. Girand and seconded by Mr. Royden that the following applicants for professional registration be denied without refund for failure to appear for the written examinations. Motion carried.

CIVIL ENGINEERING

61-38 Holman, Donald S.

STRUCTURAL ENGINEERING

63-99 Krause, George O.

62-146 Odell, Edward Everett

LAND SURVEYING

63-166 Wada, Robert Mitsuru

ENGINEER-IN-TRAINING

63-15 Brooks, James E.

62-159 Phillips, Curtis D.

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

- I. Applicants apparently having met all requirements of this Board which shall be confirmed by a personal audience and are to be so held for such audience:

ARCHITECTURE

Bond, William W., Jr.	63-201	Young
Collins, Sydney Jack	63-203	Young
DuPertuis, Henry, Jr.	63-204	Young
Farrant, Laurence Geoffrey	63-205	Young
Hoyt, Charles Ditter	63-206	Young
Inslee, Robert Ray	63-207	Young
Logue, Hollis Lyon, Jr.	63-208	Young
Lorance, Bernard Wayne	63-209	Young
McConnell, Robert Eastwood	63-210	Young
Pope, Theodore R.	63-213	Weaver
Reed, William Richard	63-214	Weaver
Senefeld, Claude Leslie	63-215	Weaver
Shoemaker, Harry Edwin	63-217	Weaver
Strange, William Thomas, Jr.	63-218	Weaver
Swift, Kenneth Raymond	63-219	Weaver
Thomas, Wallace Bate	63-220	Weaver
Webster, Frederick Seth	63-222	Herrerias

CIVIL ENGINEERING

Bittinger, Morton W.	63-227	Girand
Blake, Frank Edward, Jr.	63-228	Girand
Bush, Robert Y.	63-229	Girand
Cobb, Edwin Blaine	63-230	Girand
Cobb, William L.	63-256	Royden
Decker, William Willeford	63-257	Royden
Dusharm, Emmett Ezra	63-258	Royden
Freudig, Gordon Frederick	63-231	Girand
Gizienski, Stanley Frank	63-232	Girand
Greenberg, Bernard M.	63-233	Girand
Israel, Max	63-234	Girand
James, Terrell Dwight	63-235	Girand
Janes, John Nicholas	63-259	Royden
Lohman, Martin Oliver	63-236	Girand
Pollard, William Sherman, Jr.	63-237	Girand
Poppino, Allen Gerald	63-238	Stufflebean
Rassler, Jay M.	63-240	Stufflebean
Samson, Anthony Leigh	63-241	Stufflebean
Weed, Charlie Frank	63-242	Royden
Whitworth, Joseph Michael	63-243	Royden
Wylie, Lenuel F.	63-268	Stufflebean

STRUCTURAL ENGINEERING

Hessert, Walter Daniel	63-245	Herrerias
Hildebrand, Roscoe Charles	63-246	Herrerias

ELECTRICAL ENGINEERING

Mahlmeister, Thomas G.	62-118	Shell
Schorsch, Leopold	63-260	Shell

MECHANICAL ENGINEERING

Gideon, George Dinsmore, III	63-194	Royden
Lockhart, Charles Earl, Jr.	63-250	Royden
Swengel, Franklin Mabee	63-226	Royden

MINING ENGINEERING

Johnson, Fremont Theodore	63-274	Stufflebean
Keegel, Charles Peter	63-182	Royden

CHEMICAL ENGINEERING

Kaufman, Charles Wesley	63-275	Stufflebean
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GEOLOGY

Frase, Richard James	63-276	Stufflebean
Sumner, John Stewart	63-277	Stufflebean

LAND SURVEYING

Bischoff, Carl Henry	63-251	Dryden
Davies, Jerry Clayton	63-279	Dryden
Lafferty, Maurice Eugene	63-252	Dryden
Smith, Lawson Burl	63-253	Dryden

ASSAYING

Krepel, Charles Patrick	63-282	Dryden
Stone, Jack E. A.	63-283	Dryden

It was moved by Mr. Weaver and seconded by Dr. Shell that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the personal audience before professional registration. Carried unanimously.

- II. Applicants apparently having met all the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held:

CIVIL ENGINEERING

Lux, Arthur E.	61-125	Stufflebean
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It was moved by Mr. Herreras and seconded by Mr. Young that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the comprehensive oral examinations and personal audience before professional registration. Carried unanimously.

- III. Applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency:

ARCHITECTURE

Pierce, Lambert Reid	63-212	Weaver	E, H, I
Rapp, James Roy	63-188	Weaver	E, G, H
Serchia, Arthur A.	63-216	Weaver	H
Ronneberg, Gordon Torres	62-238		C, D, H, I

It was moved by Mr. Herreras and seconded by Mr. Stufflebean that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to demonstrate their proficiency in the professional examination indicated. Carried unanimously.

CIVIL ENGINEERING

Hustad, Marvin Allan	63-265	Stufflebean	Parts I, II, III, IV
Kent, George Clarence	63-266	Stufflebean	Parts I, II, III, IV
Morgan, John Beaumont	63-200	Girand	Parts III & IV
Neeb, Lewis S.	63-196	Girand	Parts III & IV

STRUCTURAL ENGINEERING

Barber, Arthur Houghton, Jr.	63-225	Herreras	Parts V & VI
McDonnell, Robert B.	63-193	Herreras	Parts V & VI
Pell, Fredric R.	63-269	Herreras	Parts III, IV, V, VI

ELECTRICAL ENGINEERING

Dubin, George P.	63-184	Shell	Parts III & IV
Knight, Donald Orlin	63-247	Shell	Part IV
Oliver, John K., Jr.	63-271	Shell	Parts I, II, III, IV
Reading, William Harvey, III	63-187	Shell	Parts I, II, III, IV
Young, W. Fred	63-261	Shell	Part IV

MECHANICAL ENGINEERING

Feldman, Elliot Ivan	63-273	Shell	Parts I,II,III,IV
Martin, Richard Frank	63-199	Shell	Parts III & IV
Smith, James Hubert	63-197	Shell	Parts III & IV

LAND SURVEYING

Gant, Travis Lee	63-192	Dryden	Parts III & IV
Martinez, Joseph G.	63-262	Dryden	Parts I,II,III,IV
McNutt, DeWitt Dean, Jr.	63-284	Dryden	Parts III & IV

It was moved by Dr. Shell and seconded by Mr. Stufflebean that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to demonstrate their proficiency in the professional examination indicated. Carried unanimously.

- IV. Applicants whose records are incomplete and require additional information before they can be held for the action indicated after their names:

ARCHITECTURE

Sprinkle, George Wesley	63-202	Young	Personal Audience
Starkman, Maxwell	63-223	Herreras	Personal Audience
Stuart, Alexander	63-224	Herreras	Full examination
Vogel, Fenick Abram	63-221	Herreras	Personal Audience

CIVIL ENGINEERING

Bloom, Kay Cyle	63-255	Royden	Parts III & IV
Powers, Raymond Joseph	63-239	Stufflebean	Personal Audience

MECHANICAL ENGINEERING

LeBlond, Ronald Patrick	63-249	Royden	Parts III & IV
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LAND SURVEYING

Stalcup, M. J.	63-254	Dryden	Personal Audience
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It was moved by Mr. Weaver and seconded by Mr. Girand that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the requirements so indicated before professional registration. Carried unanimously.

- V. Applicants whose records are incomplete and are to be held in abeyance pending completion and further action by the Board:

CIVIL ENGINEERING

Martin, Charles Edgar	63-195	Girand	Better references
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ELECTRICAL ENGINEERING

Cuellar, Oscar Leon	63-272	Shell	New references
Jansen, Harry B.	63-270	Shell	New references

MECHANICAL ENGINEERING

Peirce, Gilbert H.	62-155	Shell	Calif. registration
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NUCLEAR ENGINEERING

Buell, Elton Hollister	63-191	Shell	Referred to Examination Committee
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LAND SURVEYINGMerkel, Otto Frederick
Ward, Robert Donald63-280
63-281Dryden
DrydenNew references
Experience informa-
tion

It was moved by Mr. Weaver and seconded by Mr. Girand that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the requirements so indicated before professional registration. Carried unanimously.

It was moved by Mr. Royden and seconded by Mr. Stufflebean that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated. Carried unanimously.

ARCHITECTUREHermann, Frank Josef
McIntyre, Robert Thames63-263
63-211Herrerias
Weaver\$12.50
\$12.50CIVIL ENGINEERINGCoyle, Harold Sutton, Jr.
Evensen, Wendell Earl
Williams, Harry James63-264
63-198
63-267Stufflebean
Girand
Stufflebean\$12.50
\$12.50
\$12.50ELECTRICAL ENGINEERING

Nikolakopulos, Alex

63-248

Shell

\$12.50

LAND SURVEYING

Arollo, Abram Henry

63-278

Dryden

\$7.50

It was moved by Mr. Stufflebean and seconded by Mr. Herrerias that the following applicants for professional registration are denied without prejudice at their request with refunds as indicated. Carried unanimously.

ARCHITECTURE

Clovicko, Philip J., Jr.

61-16

\$12.50

STRUCTURAL ENGINEERINGOfstad, Norman Arthur
Rosenstock, Matthew Jack62-235
62-225\$12.50
\$12.50ENGINEER-IN-TRAINING

Franz, Melvin Erich

63-190

\$5.00

UNFINISHED BUSINESS

None.

NEW BUSINESS

The Executive Secretary reported on Land Surveyors and their apparent violation of 32-101 in doing work of an engineering nature.

It was moved by Mr. Royden and seconded by Mr. Stufflebean that the Executive Secretary advise all Land Surveyors on the proper use of 32-101. Motion carried.

The Executive Secretary was instructed to prepare a letter to go to all Land Surveying registrants regarding the appropriate statutes of the Technical Registration Law.

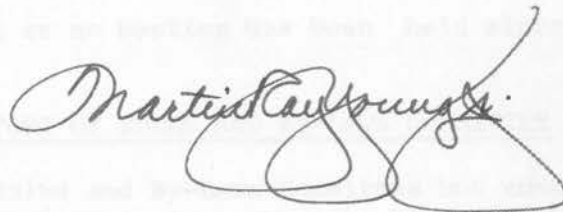
Mr. Weaver reported on the matter of Denis Peter Kutch, Architectural registrant #5247, who apparently misinterpreted the proper use of his seal.

It was moved by Mr. Royden and seconded by Mr. Weaver that Mr. Kutch be held for the next meeting of Grievance Committee #1. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Young that the next regular meeting of the State Board of Technical Registration be held in Phoenix on September 23rd and 24th, beginning at 9:00 A.M. on Monday, the 23rd. Motion carried.

ADJOURNMENT

A motion was made by Mr. Royden and seconded by Mr. Weaver that there being no further business this meeting is adjourned at 11:45 A.M., Saturday, June 15, 1963. Motion carried.



THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
August 2, 1963

The special meeting of the State Board of Technical Registration was called to order by Mr. John Stufflebean, Vice-Chairman, who assumed the duties of Chairman due to the absence of Mr. C. W. Dryden, in Room 220 of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 1:15 P.M.

PRESENT

John H. Stufflebean, Vice-Chairman
Martin Ray Young, Jr., Secretary
John Girand
E. D. Herreras
L. W. Matsch
H. L. Royden
Billy Joe Shell
Frederick P. Weaver

ABSENT

C. W. Dryden, Chairman

It was moved by Mr. Young and seconded by Mr. Royden that the minutes of the Board meeting of June 14th be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No report of the Executive Committee as no meeting has been held since the last regular meeting.

REPORT OF RULES AND BY-LAWS COMMITTEE

John Girand had no report from the Rules and By-Laws Committee but announced that additional changes would be presented in September at which time Messrs. Weaver and Young would have the Architectural portion of the Rules revised.

REPORT ON EXAMINATIONS

Letter from Cecil H. Wells, presented for information only. No action.

Edward J. Tymura - to be advised that should he be unable to appear for the next examination, he should submit a formal request for an extension. Also, that he should either complete his A.I.T. or withdraw it before applying for professional registration.

Peter O. Goshia - it was moved by Mr. Girand and seconded by Mr. Royden that the application of Peter O. Goshia be withdrawn from those denied March 9th and placed in abeyance until completion of Mr. Goshia's college curriculum in early 1964. Motion carried.

Howard A. Schmieding - it was moved by Mr. Girand and seconded by Mr. Weaver that no action be taken. Application for registration to remain in denied. Motion carried.

It was reported by Dr. B. J. Shell that the Engineering Examination Committee had selected October 26th for the Engineer-in-Training and Part 1 and 2 Professional examinations which will be held at the University of Arizona and Arizona State University. The dates October 28th, 29th and 30th were also selected for the Professional sections of the examinations which will be held in Phoenix at the Naval Reserve Training Center. He announced that he had called a special meeting to be held by the Examination Committee at 1:30 P.M., August 14th, on the second floor of the Guaranty Bank Building with the Arizona Structural Engineers Association. This meeting to be investigative in a possible broadening of scope and qualifications for Structural Engineers.

The Examination Committee recommended that registration in Nuclear Engineering be granted to the following applicants after a satisfactory comprehensive oral audience: Elton H. Buell, Monte Vincent Davis, Roy Grayson Post, and Robert Lewis Seale. If possible, the audience to be held with a member of the Board and Dr. Weaver of the University of Arizona present.

It was moved by Dr. Shell and seconded by Mr. Girand that the above recommendation of the Examination Committee be accepted. Motion carried.

The Examination Committee recommended continuation of the present examination booklet.

REPORT OF THE PUBLIC INFORMATION COMMITTEE

John Stufflebean reported on a meeting in Chicago which he attended as President of N.S.P.E. in which the engineering societies discussed ways of increasing efficiency and minimizing duplication of efforts by the society functions.

REPORT OF THE N.C.A.R.B. COMMITTEE

Martin Ray Young reported on the proposed meeting at Las Vegas. It was moved by Mr. Young and seconded by Mr. Herreras that the Executive Secretary be appointed the person to receive correspondence, examinations and instructions from the Western Conference if the report of the members attending the Las Vegas meeting was affirmative regarding the Arizona Board of Technical Registration joining the Conference. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Young that the dates October 25th through October 30th be utilized for the 1963 Fall Architectural and Architect-in-Training examinations. Motion carried.

REPORT OF THE BUDGET COMMITTEE

John Girand presented the annual budget for the period 1964-1965 which underwent considerable investigative discussion.

It was moved by Mr. Young and seconded by Mr. Royden that the budget presented by the Budget and Finance Committee be approved. Motion carried.

STATE OF ARIZONA
BUDGET ESTIMATES AND REQUESTS

SCHEDULE I

Governmental Unit Technical Registration Board

Unit Symbol 1-5-17-000-0600

Fund Source General

Approved by *Carol J. ...*

Title Administrative Services

Date Approved August 2, 1963

Item	Object Code	Expenditure Classification	(1)				
			Actual Expenditures 1962-1963	Amount Appropriated 1963-1964	Estimated Expenditures 1963-1964	Requested for 1964-1965	Per Cent of Increase or (Decrease)
1	110	Personal Services					
		Total Number of Employees.....	5	90% of 11 funds	4	4	
		Salaries & Wages.....	13,020.04		24,800.00	24,800.00	
2	240	Professional Services (for services rendered to State on fee basis).....	5,928.46	collected	5,000.00	4,000.00	-20%
3	220	Travel - State.....	2,520.83		2,500.00	1,500.00	-40%
4	230	Travel - Out of State.....	2,272.53		2,500.00	2,500.00	
5	291	Entertainment.....					
6	321	Food (for State Institutions).....					
7	423	Industrial Insurance-State Employees.....					
8	424	Buildings & Equipment Insurance.....			100.00	50.00	-50%
9	425) 427)	Employers' Contribution for OASI & State Retirement.....	1,253.52		1,500.00	1,500.00	
10	428	Liability Insurance.....					
11	430	Subscriptions & Organization Dues.....	693.00		800.00	750.00	-6.2%
12	440	Rewards & Awards.....					
13	450	Discharge Money-Institutional Inmates.....					
14	471	Uniform Allowance.....					
15	472	Unit Allowance.....					

Item	Object Code	Expenditure Classification	(1)	(2)	(3)	(4)	(5)
			Actual Expenditures 1962-1963	Amount Appropriated 1963-1964	Estimated Expenditures 1963-1964	Requested for 1964-1965	Per Cent of Increase or (Decrease)
CURRENT EXPENDITURES (Continued)							
Other Current Fixed Charges							
16	411	Rent - Office Equipment.....	254.19				
17	413	Rent - Buildings & Offices.....	2,853.19		3,123.48	3,123.48	
18	417	Rent - Other.....	299.90		611.52	900.52	-57%
19	421	Bonds of Officials & Employees.....	18.00		20.00	50.00	
20	400	Other Current Fixed Charges Total Other Current Fixed Charges (Add items 16 thru 20)	3,345.28		3,755.00	3,344.00	-5.83%
Other Current Expenditures							
21	211	Postage.....	1,681.64		1,800.00	2,000.00	+11%
22	212	Telephone & Telegraph.....	866.64		900.00	1,000.00	+11%
23	215	Heat, Light, Power & Water Service.....			200.00	300.00	+50%
24	260	Maintenance & Repairs.....	191.90				
25	270	Care of Institutional Patients, Wards, & Pioneers (Outside Services).....					
26	280	Trains.....					
27	290	Other Contractual Services.....	1,957.92		1,930.00	1,530.00	-21%
28	310	Office Supplies.....	3,625.86		3,500.00	3,000.00	-14%
29	350	Vehicle Supplies.....					
30	370	Construction & Maintenance Supplies.....	47.82			75.00	+57%
31	320) 360) 390)	Other Supplies, Materials & Parts..... Total Other Current Expenditures (Add items 21 thru 31)	8,363.76		8,330.00	7,905.00	
Total Current Expenditures (Add items 1 thru 31)			43,417.44		49,995.00	46,260.00	-5.95%

FIXED CHARGES

- 521 Public Assistance
- 523 Rehabilitation
- 545

Item	Object Code	Expenditure Classification	(1) Actual Expenditures 1962-1963	(2) Amount Appropriated 1963-1964	(3) Estimated Expenditures 1963-1964	(4) Requested for 1964-1965	(5) Per Cent of Increase or (Decrease)
CAPITAL OUTLAY							
35	610	Equipment.....	667.97		800.00	1,000.00	+25%
36	620	Buildings & Improvements.....					
37	630	Land.....					
38	640	Livestock.....					
39	650	Highways and Bridges.....					
		Total Capital Outlay	667.97		800.00	1,000.00	+25%
	931	Refunds	477.50		500.00	300.00	-40%
GRAND TOTAL (Add items 1 thru 39)			44,557.01		50,585.00	47,649.00	+5.75%
AVAILABLE FUNDS							
Balance Forward from Previous Year			1962-1963	1963-1964			
Appropriation (General Appro. Bill)			14,025.13	13,299.21			
Special Appropriations			20% of collections received	20% of collections received			
Appropriated Receipts			43,821.99	41,405.00			
Total Available Funds			57,857.12	56,904.21			
Less Expenditures (As Shown Above)			44,557.91	50,585.00			
Amount Reverted			13,299.21	6,319.21			
Balance Forward to Next Year							

SUMMARY OF POSITIONS AND SALARIES

SCHEDULE II

Governmental Unit Technical Registration Board

Title of Position	No.	1962 - 1963		1963 - 1964		1964 - 1965	
		Actual Expenditures	Value of Perquisites	Estimated Expenditures	Value of Perquisites	Requested	Value of Perquisites
Permanent Staffs							
Board Members *	9	---		---		---	
Executive Secretary	1	7,420.00	None	12,000.00	None	12,000.00	None
Office Manager	1	3,960.00	None	4,500.00	None	4,500.00	None
Secretary I	1	3,560.00	None	4,200.00	None	4,200.00	None
Secretary II	1	3,480.00	None	4,000.00	None	4,000.00	None
Accountant (pt. tm)	1	600.00					
TOTALS	14	19,020.00		24,800.00		24,800.00	

* As per ARS 32-102
 3 Technicians
 5 Engineers
 plus Dean, Univ. of Calif. (1)
 (1) ARS 32-107 authorizes \$1,000.00/annum for members secretary - not closed

CAPITAL OUTLAY

Requested for 1964-1965

Governmental Unit Technical Registration Board

Item	EQUIPMENT		Project	BUILDINGS AND IMPROVEMENTS	
	Amount	New (N) Replace (R)		Amount	

1 Typewriter

700.00 R

Office Furniture

300.00 R

RECEIPTS — ACTUAL AND ESTIMATED

Description (Source)	Actual	Estimated	
	1962-1963	1963-1964	1964-1965
Annual Fees	28,460.00	28,000.00	30,000.00
@ \$10.00	1,305.00	1,500.00	1,500.00
@ 5.00	348.00		
Penalties			
Collection Fees	9,475.00	8,750.00	9,500.00
@ 25.00	1,440.00	1,050.00	1,500.00
@ 15.00	1,160.00	1,500.00	1,500.00
@ 10.00			
Temporary Certificates	2,050.00	2,500.00	2,500.00
@ 50.00			
Examination Fees	240.00	800.00	800.00
@ 40.00	35.00		
@ 25.00	150.00		
@ 30.00	125.00		
@ 25.00	740.00	2,000.00	2,400.00
@ 20.00	525.00	450.00	450.00
@ 15.00	1,780.00	1,300.00	1,600.00
@ 10.00	740.00	600.00	800.00
@ 5.00			
Gov Certificates	5.60		
Annual Reports	09.00		
Patentate	8.00		
Return of refund	12.50		
Disposal request	3.00		
TOTAL REVENUE	48,691.10	48,450.00	54,050.00
to General Fund	4,869.11	4,845.00	5,405.00
to Technical Registration Fund	43,821.99	43,605.00	48,645.00

Estimated source of income remitted to the State Treasurer for 1962-1963 fiscal year. Estimate the amount for 1963-1964 and 1964-1965. Be sure to include federal aid received and estimated. Fee boards should report revenue received and estimated on a 100% basis, not just 90% retained by the board.

STATISTICAL INFORMATION
(State Institutions)

	Actual	Estimated	
	1962-1963	1963-1964	1964-1965
Number of Students Enrolled			
Number of Patients			
Number of Inmates			
Per Capita Cost			

It was moved by Mr. Girand and seconded by Mr. Herreras that the Executive Secretary be instructed to transmit the 1964-1965 budget to the State Auditor. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Herreras that the salaries for Board employees, effective August 1, 1963, be as follows: Executive Secretary, \$12,000.00; Office Manager, \$4,600.00; Examination Secretary, \$4,200.00; Applications Secretary, \$4,000.00. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #1

It was moved by Mr. Royden and seconded by Mr. Young that the following registrants be held for the Grievance Committee: Denis Peter Kutch, Architect #5247; Robert William Sferra, Civil Engineer #2960; Robert Nathan Ewing, Civil Engineer #2534. Motion carried.

Mr. Royden reported on the non-registrant, Dick Davidson, and requested standard form regarding registration be forwarded to him. The Executive Secretary was so instructed.

The Executive Secretary was instructed to answer letters from Murry Harris and John McPherson regarding their complaints of apparent non-registrants.

REPORT OF GRIEVANCE COMMITTEE #2

John Girand assumed the duties of Chairman.

At the request of Mr. Herreras, Mr. Stufflebean reported on the actions taken by the Board on April 12th and May 9th regarding El Tanque Bowling Lanes. There was no additional action contemplated.

REPORT OF SPECIAL COMMITTEES

Mr. Stufflebean reported for the Office Procedures Committee regarding the anticipated move of the Board offices from 624 to 408 Guaranty Bank Building.

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the Executive Secretary be authorized to investigate such move wherein the expenditure of Board funds shall not exceed \$400.00 for such move. Motion carried with all members voting aye except Mr. Royden voting nay.

READING OF COMMUNICATIONS

None.

READING AND CONSIDERING APPLICATIONS

It was moved by Dr. Shell and seconded by Mr. Young 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. Carried unanimously.

ARCHITECTURE

Brodsky, Daniel Warren	5470
Colvig, Kirk	5507
Cummins, Robert A.	5490
Farrant, Laurence Geoffrey	5517
Fitzmaurice, Ralph T., Jr.	5504
Hoyt, Charles D.	5456
Inslee, Robert Ray	5511
Lawton, Robert Marshall	5477
Logue, Hollis Lyon, Jr.	5488
McConnell, Robert Eastwood	5462
Senefeld, Claude Leslie	5508
Swift, Kenneth Raymond	5510
Webster, Frederick Seth	5503

CIVIL ENGINEERING

Bigler, Kenneth D.	5525
Bittinger, Morton W.	5483
Blake, Frank Edward, Jr.	5473
Brechler, Ronald Clancy	5492
Busch, Charles David	5537
Bush, Robert Y.	5487
Cobb, William L.	5518
Cooper, Gary LaRay	5485
Decker, William Willeford	5474
Dusharm, Emmett Ezra	5489
Freudig, Gordon Frederick	5478
Gervasio, Joseph A.	5499
Gizienski, Stanley Frank	5501
Greenberg, Bernard M.	5467
Grimm, Albert Adolf	5497
Hook, John Michael	5526
Hunt, N. K.	5514
Israel, Max	5469
Janes, John Nicholas	5516
Lahlum, Arne	5491
Latham, James C.	5527
McCormick, Thomas Allen	5536
McDonald, Robert G.	5538
Morris, Larry Gordon	5528
Morrow, Omer Keith	5454
Morton, Richard Wallace	5480
Myers, H. Lee	5529
Ogden, Buckley Lester	5457
Pearce, Richard Norval	5502
Pollard, William Sherman, Jr.	5468
Poppino, Allen Gerald	5484
Rassler, Jay M.	5475
Samson, Anthony Leigh	5460
Weed, Charlie Frank	5461
Wylie, Lenuel	5515

STRUCTURAL ENGINEERING

Adam, Carl Herman	5466
Alagia, Jayantilal Shamjibhai	5530
Benson, Roger D.	5531
Hessert, Walter Daniel	5471
Hildebrandt, Roscoe Charles	5458
Mertz, Walter Leonard	5532
Spisz, John Frank	5465
Tatlow, R. H., III	5539

ELECTRICAL ENGINEERING

Brown, F. Robert	5519
Garretson, Byron Elbridge, Jr.	5486
Guthrie, Richard Gray	5455
Schorsch, Leopold	5459

MECHANICAL ENGINEERING

Genter, Robert Edwin	5520
Jones, Raymond Nelson	5521
Jones, Roswell	5533
Lockhart, Charles Earl, Jr.	5505
Lux, Arthur E.	5540
Markle, Harry Atkins, Jr.	5496
Nelesen, Albert John, Jr.	5522
Shaner, William L.	5523
Swengel, Franklin Mabee	5513

MINING ENGINEERING

Alexander, Donald J.	5506
Johnson, Fremont Theodore	5535
Keegel, Charles Peter	5481

CHEMICAL ENGINEERING

Kaufman, Charles Wesley	5495
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GEOLOGY

Parker, Pierce D.	5509
Frase, Richard James	5534
Sumner, John Stewart	5494
Underwood, George W.	5498

LAND SURVEYING

Bischoff, Carl Henry	5482
Davies, Jerry Clayton	5453
Hemmings, Frank Stafford, Jr.	5464
Lafferty, Maurice Eugene	5472
Lay, George J.	5541
Maguire, James E.	5463
Meredith, Howard L.	5524
Pollock, Adrian Roy	5512
Sindel, Fred	5500
Smith, Lawson Burl	5476

ASSAYING

Krepel, Charles Patrick	5493
Stone, Jack E. A.	5479

ARCHITECT-IN-TRAINING

Chayes, Stewart Lionel	38
Denny, Thomas Patterson	34
Mather, Patrick J. C.	39
Poage, Richard B.	35
Reynolds, John Spencer	36
Wall, Thomas	37

ENGINEER-IN-TRAINING

✓Ajeman, Matthew Lincoln	356
Anderson, Thomas W.	352
Bartholomew, Richard Franklin	357
Brizendine, George A.	350
✓Clarke, William B.	358
✓Dawson, Wayne E.	353
✓Doughty, John Robert	359
✓Hall, Larry J.	360
✓Harbert, Robert E.	361
✓Helfinstine, Paul	351
✓Helsten, David L.	362
✓Lee, Zane F.	363
✓Lovelady, John D.	364
✓Peterson, Lyle Dean	365
✓Snipes, Roger L.	355
✓Wood, Ralph Briggs	354

It was moved by Mr. Royden and seconded by Mr. Young that the application of Harry Edwin Shoemaker be denied without prejudice and without refund at his request. Motion carried.

It was moved by Mr. Herreras and seconded by Mr. Weaver that the application of Philip J. Clovicko, Jr., not be accepted until one year from June 14, 1963. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Shell that the records of W. E. Lindman now present in his application file be retained by the Board. Motion carried.

A letter from the Attorney General regarding William Keplinger was presented for Board information.

Reginald Swartz is to be instructed that he should complete requirements for Engineer-in-Training before reapplying for professional registration.

UNFINISHED BUSINESS

It was moved by Dr. Shell and seconded by Mr. Girand that the following letter to Land Surveying registrants be sent to all registrants, county supervisors, municipal officials and be published in the local newspapers and technical magazines. Motion carried.

It has come to the attention of this Board that Land Surveyors have been performing work of an engineering nature in connection with land surveys.

This is not authorized under Arizona Revised Statutes, 1956, Section 32-101(12), which is quoted as follows:

"12. 'Land surveyor' means a person who engages in the practice of surveying tracts of land for the determination of their correct locations, areas, boundaries and description, for the

purpose of conveyancing and recording, or for establishment or re-establishment of boundaries and plotting of lands and subdivisions."

A Land Surveyor may perform topographic surveying only solely incidental to the practice of his profession of land surveying and when it is necessary to properly perform his work as a land surveyor.

Where roads, utilities, grading or other construction work of an engineering character are to be laid out or specified as well as the location of land lines, a Professional Engineer shall be in direct supervision of the engineering work; or, the work should be done by a person registered both as a land surveyor and as a professional engineer.

It is suggested that persons registered in Arizona under 32-101(12) as Land Surveyors confine their work to land surveying as defined in the Statutes and, if qualified, secure registration as a Professional Engineer.

NEW BUSINESS

It was moved by Mr. Girand and seconded by Mr. Weaver that the following letter by the Building Department of the City of Tempe be circulated to all municipal and county officials in Arizona and that the City of Tempe be thanked for the action taken by their Building Department. Motion carried.

Because of the increased volume of building construction activity which the City of Tempe is appreciatively experiencing at the present time, the Building Inspection Department has found it advisable to establish the following "Plan Checking Procedure" in order to expedite the approval of building plans which is necessary prior to issuance of building permits:

1. For new buildings or additions and alterations to existing buildings, when the cost exceeds \$1000, there shall be two copies of the plans and specifications submitted to the Department.
2. At the time the plans and specifications are submitted, the applicant is requested to fill in the necessary information on a form to be furnished by the Department. (Copy of form referred to is enclosed.)
3. After the Department has completed the checking of the plans and specifications, all additions or corrections necessary for compliance with the City codes or ordinances will be outlined in a "plan check report", a copy of which will be returned to the applicant along with the two copies of plans and specifications which accompanied the request.

4. All additions or corrections outlined in the "plan check report" must be made in the original tracings of the plans and specifications, and new reproductions of same may then be submitted to the Department for final approval.
5. When the plan check reveals no additions or corrections necessary, the building permit will be issued by the Department without further delay.
6. Plans and specifications for residential buildings, which are considered "models" and which will be duplicated in the development of a sub-division, need only be filed for plan check at the time the master development plan is filed. If at any time changes or additions to the "model plans" are desired by the developer, the modified plan shall be considered a new plan and two copies of same shall be submitted to the Department for approval.
7. After approval of the plans and specifications by the Department, one set will be stamped "Approved" and returned to the applicant and shall be kept on the building site at all times during which the work is in progress, and one set will be retained on file by the Department.

The approved plans and specifications shall not be changed, modified, or altered without authorization from the Department.

8. It will be the policy of the Department that after the plans and specifications have been approved, a building permit will be issued immediately upon the request of the applicant.

We would also like to set forth the following regulatory provisions which require certain plans and specifications to be prepared and designed by an architect or engineer licensed in the State of Arizona:

1. One-story multi-family apartment buildings having an occupant load of more than twenty persons.
2. New multi-family apartment buildings exceeding one-story in height.
3. New buildings which are designed or intended to be occupied for any commercial, industrial or public use.
4. Additions or alterations to the above mentioned buildings when the cost exceeds three thousand dollars (\$3,000).
5. These provisions are not intended to relieve any person of the responsibility to comply with the Code, Rules and By-Laws of the State Board of Technical Registration.

The following information must be shown on the plans and specifications:

1. The first sheet shall give the street address of the building and the name and address of the owner and person who prepared them. (Address of building may be omitted on "Model" plans that are to be duplicated.)
2. A plot plan showing the location and dimensions of the proposed building and of every existing building on the property and the legal description of the land on which the work is to be done.
3. Plans and specifications shall be of sufficient clarity to indicate the nature and extent of the work proposed, and show in detail that it will conform to the provisions of the Building Code and all relevant laws, ordinances, rules and regulations.
4. Computations, stress diagrams, and other data sufficient to show the correctness of the plans, shall be submitted when required by the Department.
5. All plans shall be drawn to scale.

We believe that the procedure as outlined herein will provide a uniform basis by which application for building permits may be processed and approved by the City of Tempe Building Inspection Department with the least possible time delay to the building contractor and the property owner.

Thank you for your cooperation.

Very truly yours,

/s/ C. C. Rivers

C. C. Rivers
Building Inspection Director

CCR/nma

6/12/63

It was moved by Mr. Girand and seconded by Dr. Shell that the Executive Secretary be instructed to write a monthly column of an educational content for the publication of the N.S.P.E. Motion carried.

It was requested by Dr. Shell that pictures and personal data of all Board members be provided for publication.

It was moved by Mr. Girand and seconded by Mr. Young that the Executive Secretary be instructed to prepare standardized personal audience instructions and possible questions which will cover the following areas:

- a. Professional and ethical approach to Arizona.
- b. Specific questions relating to the Arizona Registration Code.
- c. Questions to indicate the applicant's familiarity with engineering as pertinent to Arizona.

Motion carried.

It was moved by Mr. Royden and seconded by Mr. Girand that the Executive Secretary be instructed to adequately pursue the possibility of the Board acquiring equal and similar facilities within the governmental complex at the capitol area. Motion carried.

ADJOURNMENT

It was moved by Dr. Shell and seconded by Mr. Royden that the meeting adjourn at 4:45 P.M.

Martin K. [Signature]

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
September 23, 24, 1963

The meeting of the State Board of Technical Registration was called to order by Mr. C. W. Dryden, Chairman, in the auditorium on the second floor of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 9:30 A.M. on Monday, September 23rd. All members of the Board were present, none were absent.

It was moved by Mr. Royden and seconded by Mr. Girand that the minutes of the special meeting of the Board on August 2, 1963, be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

There Was no meeting of the Executive Committee held between August 2nd and this date, consequently no report.

It was moved by Mr. Dryden and seconded by Mr. Stufflebean that the order of business be suspended and new business be the next matter presented to this Board. Motion carried.

NEW BUSINESS

Election of officers for the year 1963-1964.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that Mr. Martin Ray Young, Jr., be nominated for Chairman. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Girand that nominations for the office of Chairman be closed. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Young that Mr. Stufflebean be nominated for Vice-Chairman. Motion carried.

It was moved by Mr. Young and seconded by Mr. Royden that nominations for Vice-Chairman be closed. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Weaver that Mr. Girand be nominated for Secretary. Motion carried.

It was moved by Mr. Young and seconded by Mr. Weaver that nominations for Secretary be closed. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Herreras that a unanimous ballot be cast for Mr. Young as Chairman, Mr. Stufflebean as Vice-Chairman, and Mr. Girand as Secretary. Motion carried.

Mr. Stufflebean, as Chairman of the Office Procedures Committee, reported on the study of electronic data processing as prepared by Stacy Rowley of Arizona State University and recommended to the Board that the Committee report recommending the adoption and use of electronic data processing be adopted.

It was moved by Mr. Stufflebean and seconded by Mr. Girand that the Committee recommendation be accepted and that electronic data processing be instituted in the Board's operation. Motion carried.

The Executive Secretary presented the following tabulations of bids for the preparation of the Annual Report:

<u>3800 Copies Typeset</u>	Report Cost	Envelope Cost	Inserting for Mailing	Total Cost	Cost per Add'l. Page
Ariz. Messenger	2,515.00	61.00	129.20	2,705.20	15.70
Art-Press Printers	2,275.00	104.00	120.00	2,499.00	15.00
Palmer Printing Co.	1,787.55	102.60	----	1,890.15*	10.75
McGrew Printing	1,640.00	140.00	133.00	1,913.00	10.10
Sims Printing Co.	1,588.00	99.00	71.50	1,758.50	11.40
<u>4000 Copies Typeset</u>					
Ariz. Messenger	2,578.50	64.00	142.40	2,784.90	16.05
Art-Press Printers	2,360.00	109.00	125.00	2,594.00	15.50
Palmer Printing	1,853.95	108.00	--	1,961.95*	11.15
McGrew Printing	1,727.00	148.40	140.00	2,015.40	10.10
Sims Printing Co.	1,635.00	104.00	71.50	1,810.50	11.40
<u>Photo Offset Book</u>					
Sims Printing (3800)	1,329.00	99.00	71.50	1,499.50	9.60
Sims Printing (4000)	1,376.00	104.00	71.50	1,551.50	9.60

*No bid submitted on inserting and delivery to post office.

It was moved by Mr. Herreras and seconded by Mr. Young that 4,000 copies of the Annual Report for the period January 1, 1963 - December 31, 1963, be ordered from the low bidder, Sims Printing Company. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Young that the Executive Secretary delete the following pages from the 41st Annual Report before delivering the copy to the printer: Pages 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, and 50. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that reciprocal registrations as appears in the 41st Annual Report, page 11, be deleted from the 42nd Annual Report. Motion carried.

The Executive Secretary advised the Board that a scheduled picture of the new Board and the present Board was scheduled for 10 A.M. on Tuesday, September 24th.

REPORT OF THE CERTIFIED PUBLIC ACCOUNTANT

The Board retains no Certified Public Accountant

The Executive Secretary submitted a report of the cash position and expenditures from the period July 1, 1963, through August 31, 1963, for information.

It was moved by Mr. Young and seconded by Mr. Royden that the Executive Secretary's report be accepted. Motion carried.

REPORT OF THE RULES AND BY LAWS COMMITTEE

Mr. John Girand, as Chairman of the Rules and By-Laws Committee, presented to the Board a proposed change by the Architectural Board members regarding Architect-in-Training and Architectural registration and a proposed change as to the classifications and branches of engineering under which this Board should grant registration. Considerable discussion followed.

It was moved by Mr. Girand and seconded by Dr. Shell that all rule changes presented or discussed at this meeting be referred to the Executive Secretary for compilation by October 15, 1963. By this date, the Executive Secretary will have the rule changes as proposed reviewed by Jerry Lawson of the Attorney General's office and circularize all changes to members of this Board for their study prior to a special Board meeting at the call of the Chairman early in November, 1963. Motion carried.

REPORT ON ENGINEERING EXAMINATIONS

Dr. Shell reported on engineering examinations and the progress made towards the October examination. He reported that a very satisfactory meeting had been held with the Structural Engineers Association regarding registration of Structural Engineers and the method of examining the same by written examinations. He further reported that each member of the Board was requested to provide, if possible, questions to be used in Part 4 of the Professional Engineering examinations in October. These proposed questions are to be in the hands of the Chairman of the Examination Committee in time for editing and inserting in the examinations.

REPORT OF PUBLIC INFORMATION COMMITTEE

Dr. Shell reported on his attendance at the N.C.S.B.E.E. Convention in Honolulu, Hawaii, as a representative of the Arizona State Board of Technical Registration.

Mr. John Stufflebean reported on the same N.C.S.B.E.E. meeting which he attended as National President of the N.S.P.E.

The Executive Secretary reported on Board public relations and his attendance at society meetings in the period since August 2nd.

REPORT OF N.C.A.R.B. COMMITTEE

Mr. Frederick Weaver and Mr. Martin Ray Young reported on their attendance at the Western Conference meeting of the N.C.A.R.B. in Las Vegas, Nevada, and on progress made by the Conference regarding unified examination procedures. Mr. Young, Mr. Herreras, and Mr. Weaver reported on progress they are making towards the preparation of the October examination for Architectural registration candidates.

REPORT OF SPECIAL COMMITTEES

The Executive Secretary submitted the following tentative proposal for application review:

I. Office Procedure

- A. The file of the applicant is complete in every respect before he is notified that he has apparently met all requirements for registration and must appear for his personal audience.
- B. The office of the Board will poll the members on a rotating basis to arrange for definite time and date for interviews.
- C. The folder of the applicant with a copy of the current Arizona Revised Statutes, Rules and Regulations will be forwarded to the Board member, where at all possible, at least one day prior to the scheduled date.
- D. Personal audiences may be held individually or in a group as the Board member chooses.

II. Personal Audiences

- A. The Board member should by conversation assure himself that data supplied by the applicant and reviewed by the Board is consistent with the answers provided to the interviewing Board member.
- B. The applicant's familiarity with the Arizona Revised Statutes, Code, Rules and Regulations should be delved into by the interviewing member so as to indicate the applicant's familiarity with Arizona. (Each applicant will be provided when notified he is scheduled for personal audience with a copy of the Rules and Regulations.)
- C. The Board member should delve into the applicant's intention regarding Arizona registration and ascertain, if possible, the man's professional approach to his profession.
- D. The applicant should be quizzed by the member as to his familiarity with the geographical, geophysical, and climatic conditions of Arizona.
- E. The interviewing Board member should indicate to the applicant that registration is not granted until the next meeting of the Board following the personal audience by full Board action.
- F. The applicant should be informed that if registered, the Board, in addition to its prescribed police powers, is for the assistance of the applicant in pursuing his profession.

It was moved by Dr. Shell and seconded by Mr. Young that the Executive Secretary's recommendations be accepted. Motion carried.

The Budget Committee reported upon the budgeted amounts for Board operations for the year 1963-1964 and the affect of the electronic data processing upon Board employees and expenditures. It was reported by the Budget Committee that the electronic data processing procedure as proposed by the Office Procedures Committee could be within anticipated Board funds.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the report of the Budget Committee be accepted. Motion carried.

The report of Grievance Committee #1, Mr. H. L. Royden, Chairman, is as follows:

Grievance Committee #1 held an informal meeting on Thursday, August 15, 1963, at 1:30 P.M., in Room 221 of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona.

Present

H. L. Royden, Chairman
C. W. Dryden
John Girand
Frederick P. Weaver
Martin Ray Young, Jr.
Sam Macaluso, Assistant Attorney General

The first registrant called before the Grievance Committee was Denis Peter Kutch, Architect #5247, regarding plans for an addition to Wagon Wheel Lanes, 4222 E. Thomas Road, for Delta Construction Company - James C. Reynolds. Mr. Kutch presented his explanation of the incomplete plans on which his seal had been placed and after considerable discussion, the Committee took the following action:

It was moved by Mr. Young and seconded by Mr. Girand that Grievance Committee #1 recommend to the Board that Mr. Denis Peter Kutch be formally reprimanded for his action in regard to these incomplete plans and that a copy of the letter be forwarded to Mr. James Elmore, Dean, Arizona State University Architectural Department, where Mr. Kutch serves as an instructor. Motion carried.

The Board next heard Mr. Robert Ewing, Civil Engineer #2534, in regard to his practicing architecture on an apartment building proposed for the corner of Glenrosa and 27th Avenue by Allied Contract Buyers, Inc. Mr. Ewing explained that he had prepared these plans, structural only, as a favor to

a friend. Mr. Ewing admitted upon questioning that the plans were architectural in nature. After considerable discussion, the Committee took the following action:

It was moved by Mr. Young and seconded by Mr. Weaver that Grievance Committee #1 recommend to the Board that Mr. Robert Ewing be written a formal reprimand and instructed to desist and desist from practicing architecture under his Civil Engineering registration. Motion carried.

William Sferra, Civil Engineer #2960, appeared before the Grievance Committee in the matter of practicing architecture for an apartment building for Nudo Development and Investment Company at 22nd Street and Roosevelt. The 22-unit apartment is now under construction. Mr. Sferra is an employee of Consolidated Western Steel, a division of United States Steel, as Plant Engineer in Phoenix. Mr. Sferra under questioning stated that the plans were drawn by a contract employee of his, that the work was done at a location other than his engineering office, and that he does perform as many as six of these projects a year. Mr. Sferra stated under questioning that the plans are architectural, that he provided only control of his draftsman during the evening hours, Saturdays and Sundays, and that inspection on the project was carried on during the same time. The draftsman used by Mr. Sferra lives approximately four miles from Mr. Sferra's residence. After considerable discussion, the Grievance Committee took the following action:

It was moved by Mr. Girand and seconded by Mr. Young that this committee recommend to the Board that Mr. Sferra be held for a formal hearing before the Board on the charge of practicing architecture under his Civil Engineering registration. Motion carried.

The Executive Secretary presented to the Grievance Committee a photostat of a letter in which one M. M. McPherson, an employee of John F. Long Homes, Inc., held himself out by signature and title as an Architect. The Executive Secretary was instructed to send Mr. McPherson the standard letter for registration if qualified with a copy to John F. Long.

The Grievance Committee adjourned at 4:00 P.M.

It was moved by Mr. Royden and seconded by Mr. Young that Mr. Denis Peter Kutch and Mr. Robert Ewing be reprimanded as recommended by the Grievance Committee. On the advice of the Assistant Attorney General, Jerry Lawson, it was moved by Mr. Young and seconded by Mr. Royden

that Mr. William Sferra, Civil Engineer #2960, be reprimanded for preparing architectural plans under his Civil Engineer registration. Motion carried.

The Executive Secretary was directed to write such reprimands to the registrants involved.

The report of Grievance Committee #2, John Stufflebean, Chairman, was that there was some discussion on the Arizona Foundation, Structural, and Soil Testing Engineers but no action was taken.

READING OF COMMUNICATIONS

The Executive Secretary presented some letters from R. E. Norris on the City of Cottonwood. It was moved by Mr. Royden and seconded by Mr. Girand that the Executive Secretary notify Colonel Norris that it was not a prerogative of the Board to take action regarding the subject matter and that the Executive Secretary write each firm and the City of Cottonwood and enclose one copy of the Arizona Revised Statutes, Rules and Regulations. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that Lawrence Parks and Arthur H. Barber, Jr., be granted their requests for withdrawal and both be denied without prejudice with no refunds. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that Marvin Allan Hustad be granted an extension of the written examination until April, 1964. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Young that Mr. R. Howard Hammons be advised that it will be necessary for him to reapply to take the written examination again. Motion carried.

READING AND CONSIDERING OF APPLICATIONS

It was moved by Dr. Shell and seconded by Mr. Stufflebean 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. Carried unanimously.

ARCHITECTURE

Jasper, James V.	5542
McCaleb, Russell Haeber	5543
Perkins, Glen Dale	5544
Pope, Theodore R.	5545
Sprinkle, George Wesley	5575
Starkman, Maxwell	5546
Thomas, Wallace Bate	5547

CIVIL ENGINEERING

Harring, Arnold William	5548
James, Terrell Dwight	5549
Lohman, Martin Oliver	5550
Marr, Douglas Ian	5551
Mear, Harvey Alan	5552
Munoz, Eleazaar J.	5553
Walker, Roger Paul	5554
Way, Howard Merle	5555

STRUCTURAL ENGINEERING

Finley, Noel Kent	5556
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ELECTRICAL ENGINEERING

Cannon, Alton Hollingsworth	5557
Collins, William Dean	5558
Hill, Charles Frederick	5573
Jones, Raymond Perkes	5559
McKim, Ivan, Jr.	5574
Powles, William Earl, Jr.	5560

MECHANICAL ENGINEERING

Bixby, George, Jr.	5561
Bodell, Cornell	5562
Gideon, George Dinsmore, 3rd	1538 (re-registration)
Giclas, Henry Lee, Jr.	5563
Lester, John Welch	5564
Sanderson, LeRoy Francis	5565
Ditlow, Robert Mills	5572

METALLURGICAL ENGINEERING

Hagerman, Kenneth Cranston	5566
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GEOLOGY

Urband, Howard T.	5567
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LAND SURVEYING

Chambers, Donald C.	5576
Kelch, Robert William	5568
Martin, Arthur Henry	5569
Shaw, Robert Stanley	5570
Stalcup, M. J.	5571

ENGINEER-IN-TRAINING

Hall, Thomas Harold	371
Hocker, James Dorset	369
Lange, Thomas R.	366
Lee, John W., Jr.	370
McElhinney, Robert Edward	367
Malcolm, Robert Bruce	368

ARCHITECT-IN-TRAINING

Thurman, Edward Adair	40
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Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

- I. Applicants apparently having met all requirements of this Board which shall be confirmed by a personal audience and are to be so held for such audience:

ARCHITECTURE

Bradbury, Keith Howard	63-287	Herrerias
Katz, David Joseph	63-299	Young
Light, Herman Charles	63-300	Young
Moore, Jason Prior	63-304	Young
Oliver, Robert Sheldon	63-305	Young
Piland, Vollie Mathis, Jr.	63-308	Young
Preszler, Donald Lee	63-311	Weaver
Stillwaugh, Donald Murray	63-316	Weaver
Wurst, Wilbur William	63-319	Weaver

CIVIL ENGINEERING

Bennett, John Charles	63-321	Royden
Birckhead, Robert William	63-322	Royden
Blair, Robert W.	63-323	Girand
Bulthuis, Raymond John	63-324	Royden
Cornelison, Donald Lee	63-326	Royden
Craig, James Winford	63-327	Girand
Forkert, Clifford Arthur	63-332	Dryden
Fredricksen, Roy Eldon	63-333	Royden
Herrick, Thomas Lorimer	63-337	Royden
Hillman, Harry Fred	63-338	Girand
Hodson, Harry	63-340	Girand
Kenefick, Robert Leo	63-344	Girand
Lunt, Gerald Alan	63-346	Girand
Parker, William Forrest, Jr.	63-350	Dryden
Shell, Gerald Lynwood	63-355	Stufflebean
Smith, Robert Edward	63-357	Stufflebean
Tellepsen, Howard Tellef	63-360	Stufflebean
Willis, Shelby Kenneth	63-363	Stufflebean
Woodward, Louis Alvin	63-364	Stufflebean
Wilkie, Charles B.	62-229	Stufflebean

ELECTRICAL ENGINEERING

Knittel, Vincent Edward	63-368	Matsch
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MECHANICAL ENGINEERING

Hendy, Frederick	63-377	Royden
Kirwin, Ralph Spencer	63-378	Matsch
Krill, Arthur Melvin	63-379	Matsch
Peirce, Gilbert H.	62-155	Shell
LStahl, Roy Paul	63-386	Royden

MINING ENGINEERING

Jonas, Charles Henry	63-392	Shell
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STRUCTURAL ENGINEERING

Weary, Philip Richard	63-401	Shell
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GEOLOGY

Cook, Annan	63-404	Shell
Roberts, George D.	63-407	Shell
Ruff, Arthur Ward	63-408	Shell
Thiele, Heinrich J.	63-409	Shell

LAND SURVEYING

Dickens, James Hollis	63-413	Dryden
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It was moved by Mr. Young and seconded by Mr. Royden that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the personal audience before professional registration. Carried unanimously.

- II. Applicants apparently having met all the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held:

LAND SURVEYING

McMath, Voy S.	63-417	Dryden
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It was moved by Mr. Weaver and seconded by Mr. Girand that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the comprehensive oral examinations and personal audience before professional registration. Carried unanimously.

- III. Applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency:

ARCHITECTURE

Brochstein, Raymond D.	63-289	Herreras	D, E, G, H
Brown, Gordon Vallance	63-290	Herreras	D, E, F, G, H
Bryan, Garlan Diggs, Jr.	63-291	Herreras	D, E, F, G, H, I
Clark, Gerald LaMont	63-292	Herreras	C, D, E, F, H
Edgar, Wesley Dewey	63-294	Herreras	D, E, F, H
Engelhardt, William R.	63-295	Herreras	D, E, G, H
Fiakas, James Gust	63-296	Herreras	D, E, G, H
Jette, William Ogilvie	63-298	Young	C, D, E, F, G, H, I
Mather, Patrick John Charles	63-303	Young	D, E, F, H
Paul, Alan Victor	63-306	Young	C, D, E, F, H
Poage, Richard Barclay	63-309	Weaver	D, E, F, H
Herberger, Gary Kierland	62-218	Young	D, E, F, H

Risser, James Allen	63-312	Weaver	E and 1 reference
Soleri, Paolo	63-314	Weaver	F, G, H, I
Starr, Edward Luroy	63-315	Weaver	C, D, E, F, G, H, I
Wagner, Edgar Otto	63-317	Weaver	D, E, F, G, H

CIVIL ENGINEERING

Beckwith, George Henry	63-320	Girand	Parts II, III, IV
Campbell, Donald Wilson	63-325	Royden	Parts III and IV
Dashney, Gary Alvin	63-328	Girand	Parts III and IV
Dombrowski, Leon A., Jr.	63-330	Girand	Parts III and IV
Duval, James Wesley	63-331	Girand	Parts I, II, III, IV
Freise, Raymond W.	63-334	Girand	Parts III and IV
Hazelwood, Herbert Bob	63-336	Girand	Parts I, II, III, IV
Hipskind, John Walter	63-339	Shell	Parts III and IV
Huson, John Joseph	63-341	Girand	Parts III and IV
Johnson, Robert Roland	63-342	Girand	Parts I, II, III, IV
Kaestner, Robert David	63-343	Girand	Parts III and IV
McDermed, Glen Carvin	63-347	Royden	Parts III and IV
Martin, Charles Edgar	63-195	Girand	Parts III and IV
Miller, Roy C.	63-348	Stufflebean	Part III
Pollock, Adrian Roy	63-351	Stufflebean	Parts I, II, III, IV
Quick, Bayard Rollin	63-352	Stufflebean	Part III
Runner, Harold Gale	63-353	Stufflebean	Parts III and IV
Sizemore, Wayland Wagener	63-356	Stufflebean	Parts III and IV
Stevens, Alfred Gene	63-358	Royden	Parts III and IV
Tate, Donnie Lafayette	63-359	Stufflebean	Parts III and IV
Warner, Oliver Zieger, Jr.	63-361	Dryden	Parts III and IV

ELECTRICAL ENGINEERING

Cuellar, Oscar Leon	63-272	Shell	Parts III and IV
Jansen, Harry B.	63-270	Shell	Part IV
McDaniels, Russell Robin	63-369	Matsch	Part IV
Tribby, Robert Phillip	63-370	Matsch	Parts III and IV

MECHANICAL ENGINEERING

Barnett, David Lee	63-371	Matsch	Parts III and IV
Cantral, Roy Glenn	63-373	Royden	Parts III and IV
Chadbourne, Lester Everett	63-374	Matsch	Parts III and IV
Conway, Daniel Mathew	63-375	Matsch	Parts III and IV
Goebel, Eugene C.	63-376	Matsch	Parts III and IV
Letson, Richard Alan	63-380	Matsch	Parts III and IV
Minshall, Bert James	63-382	Royden	Parts III and IV
Schumacher, Mark Weida	63-383	Matsch	Parts I, II, III, IV
Selby, Herbert Raymond, Jr.	63-384	Royden	Parts III and IV
Simon, Kenneth Dean	63-385	Matsch	Parts III and IV
Stringham, George William	63-387	Matsch	Parts III and IV
Taylor, Robert L.	63-388	Royden	Parts III and IV
Timmerman, George Harry	63-389	Matsch	Parts III and IV

MINING ENGINEERING

DeWilliam, Patrick P.	63-391	Shell	Part IV
Smyth, Sam Kendrick	63-393	Shell	Part IV

STRUCTURAL ENGINEERING

Buckmaster, B. Gail	63-394	Shell	Parts IV, V, VI
Corkran, Frank Larkin	63-395	Shell	Parts III, IV, V, VI
Gervasio, Joseph Amedeo	63-396	Shell	Parts V and VI
Hipskind, John Walter	63-397	Shell	Parts III, IV, V, VI
Rodowicz, Stefan Joseph	63-399	Shell	Parts III, IV, V, VI

GEOLOGY

Curtiss, Robert Eugene	63-405	Shell	Parts III and IV
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LAND SURVEYING

Bartels, Ferris William	63-411	Dryden	Parts III and IV
Forkert, Clifford Arthur	63-414	Dryden	Parts I, II, III, IV
Jasmann, Myron Gene	63-415	Dryden	Parts I, II, III, IV
Mueller, John J.	63-418	Dryden	Parts I, II, III, IV
Parker, William Forrest, Jr.	63-419	Dryden	Parts I, II, III, IV
Ramey, Paul Wayne	63-420	Dryden	Parts I, II, III, IV
Tobey, Karl D.	63-421	Dryden	Parts I, II, III, IV
Warner, Oliver Zieger, Jr.	63-422	Dryden	Parts I, II, III, IV

It was moved by Mr. Girand and seconded by Mr. Herreras that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to demonstrate their proficiency in the professional examination indicated. Carried unanimously.

IV. Applicants whose records are incomplete and require additional information before they can be held for the action indicated after their names:

ARCHITECTURE

Brelsford, Aubrey Baumgart	63-288	Herreras	Personal Audience
Demeter, Steven J.	63-292	Herreras	Personal Audience
Sarmiento, Wenceslao Alfonso	63-313	Weaver	Reconsideration

CIVIL ENGINEERING

Sanders, Lyle David, Jr.	63-354	Stufflebean	Reconsideration
Webster, James Irving	63-362	Stufflebean	Re-evaluation

STRUCTURAL ENGINEERING

Thomas, David Robertson	63-400	Shell	Re-evaluation
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It was moved by Dr. Matsch and seconded by Mr. Royden that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the requirements so indicated before professional registration. Carried unanimously.

It was moved by Dr. Shell and seconded by Mr. Stufflebean that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated. Carried unanimously.

ARCHITECTURE

McGrath, George Frank	63-301	Young	Refund of \$5.00
McMullen, Maurice Dean	63-302	Young	Refund Of \$12.50

CIVIL ENGINEERING

O'Brien, Shamus 63-349 Stufflebean Refund of \$12.50

ELECTRICAL ENGINEERING

Endsley, Kent F. 63-365 Matsch Refund of \$12.50

MECHANICAL ENGINEERING

Wellington, Charles Kampfert 63-390 Matsch Refund of \$12.50

STRUCTURAL ENGINEERING

Westhoff, James Ross 63-402 Shell Refund of \$12.50

LAND SURVEYING

Buchmann, Robert J. 63-412 Dryden Refund of \$7.50

King, Glenn Edward, Jr. 63-416 Dryden Refund of \$7.50

Merkel, Otto Frederick 63-280 Dryden Refund of \$7.50

It was moved by Mr. Young and seconded by Mr. Royden that Mr. Alex Nikolakopoulos be advised to reapply one year from the date of the original Board action denying his application. Motion carried.

The Board action concerning Mr. Philip J. Clovicko, Jr., was reaffirmed.

UNFINISHED BUSINESS

It was moved by Mr. Girand and seconded by Dr. Shell that the Board obtain liability insurance to cover the Board. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Girand that the following letter be sent to all Land Surveyor registrants and City officials:

Reference is made to a letter from this office to all Registered Land Surveyors dated July 15, 1963.

It has come to the attention of the Board that some misunderstanding has developed as a result of this letter.

This is to advise all concerned that it was not the intent of the Board by this letter to preclude the preparation and filing of official plats of the subdivision of land for purposes of public record by Registered Land Surveyors.

Motion carried.

The Chairman set the date of the special meeting of the Board as Friday, November 8th, at 9:30 A.M.

The dates of the next regular meeting of the Board will be December 13th and 14th.

The Executive Secretary was directed to write a letter to Land Surveyor James O. Bennett that the Board does not approve of his advertising.

The meeting adjourned at 3:30 P.M.

John Girand

THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
October 15, 1963

A special meeting of the State Board of Technical Registration was called by the Chairman of the Board upon advice by the Executive Secretary that written requests for such a meeting had been received in the office of the Board:

On the advice of the Assistant Attorney General, I request that a special meeting of the Board be called for Tuesday, October 15th. /s/ C. W. Dryden 1522

On the advice of the Assistant Attorney General, I request that a special meeting of the Board be called for Tuesday, October 15th. /s/ Martin Ray Young, Jr. 1523

On advice of the Attorney General, please call a special meeting of the Arizona State Board of Technical Registration, for Tuesday, 15 October, 1963. /s/ John Girand 1524

The Chairman directed the Executive Secretary to call the meeting and send telegraphic notifications to all members of the Board.

At the request of the Assistant Attorney General, the Chairman called a special meeting of the Board on Tuesday, October 15th, at 1:30 P.M. in the office of the Board, Room 408. /s/ Walter J. Edelblut, Jr. 1525

The special meeting of the State Board of Technical Registration was called to order by Mr. Martin Ray Young, Jr., Chairman, in the Auditorium on the second floor of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 1:30 P.M. on Tuesday, October 15, 1963. All members were present as well as Walter J. Edelblut and Jerry Lawson. The meeting was specifically called for a report by Mr. Jerry Lawson, Assistant Attorney General, State of Arizona, and the Chairman directed Mr. Lawson to submit his report. Mr. Lawson stated that on October 3rd a cover letter and an enclosed letter from Morse and Sands, signed George B. Morse, was received from the office of the Board regarding one Philip J. Clovicko, Jr.

Dear Mr. Lawson: Enclosed is a letter dated October 1, 1963, from Mr. George B. Morse who is representing Mr. P. J. Clovicko. /s/ Walter J. Edelblut, Jr. 1526

Gentlemen: It is with grave dismay that I have noted the refusal of the State Board of Technical Registration to allow Mr. Phillip J. Clovicko, Jr. to make application to take the architectural examination until June 14, 1964. I understand that Rule 1 (4) of your Rules of Procedure has been applied in his case, stating that he may not apply for examination for a period of one year after denying his registration has been taken.

On March 10, 1962 the Board took action requesting that Mr. Clovicko withdraw his application for registration without prejudice. Mr. Clovicko was not notified of this in person, but merely by an ambiguous phone call made to me by one of the Board members. More than a year has passed since the Board action on March 10, 1962. I can assure you that Mr. Clovicko has suffered greatly, both financially and emotionally, and has long since paid for the error he committed.

I ask you sincerely to please take this matter up with the members of the State Board and to reconsider allowing Mr. Clovicko to take the architectural design examination in October of 1963. He has done outstanding work for the firm with which he is employed here in Tucson as a draftsman and I am sure he can furnish excellent references from architects, engineers, contractors with who he has worked, and from those people who know him well. /s/ George B. Morse 1527

Mr. John Stufflebean and Mr. Martin Ray Young acknowledged that they had in fact received a copy of letter from George B. Morse as indicated on his transmittal to the State Board of Technical Registration.

After Mr. Lawson read Mr. Morse's letter to the Board, it was moved by Mr. Girand and seconded by Mr. Stufflebean that the Executive Secretary present and document all Board actions regarding Philip J. Clovicko, all correspondence from Mr. Philip J. Clovicko addressed to the Board of Technical Registration, all correspondence received from Mr. George B. Morse in regard to Philip J. Clovicko, and all the replies from the office of the Board to either Mr. Philip J. Clovicko or Mr. George B. Morse. Motion carried

The Executive Secretary reported to the Board in order of the date written all correspondence from Mr. Philip J. Clovicko to the Board of Technical Registration, all correspondence from Mr. George B. Morse in regard to Philip J. Clovicko, and all replies from the Board to either Mr. Clovicko or Mr. Morse. The Executive Secretary also read to the Board all excerpts from the previous minutes regarding Philip J. Clovicko.

At the conclusion of the Executive Secretary's report there was no further discussion on the matter of Philip J. Clovicko.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the Executive Secretary acknowledge Mr. Morse's letter of October 1, 1963, and advise Mr. Morse that the State Board of Technical Registration had reconsidered all information and documents available to them at a special meeting of the Board and have reaffirmed their previous action. Carried unanimously.

Mr. Jerry Lawson advised the Board of a moot question regarding H. Scott Parsons who was denied but has reapplied for registration as an Architect.

Mr. John Girand presented to the members of the Board copies of the proposed rules and regulations of the Board of Technical Registration as tentatively reviewed by the Assistant Attorney General, Jerry Lawson. Mr. Girand informed the members of the Board that Mr. Lawson would write a formal discussion upon the validity of the proposed rules and regulations and additional revised copies would be provided to each member of the Board in the immediate future.

The Chairman notified the Board that a special meeting would be held at 9:00 A.M. on November 8, 1963, in the Guaranty Bank Building for consideration of the proposed rules and regulations and by-laws.

There being no further business, the meeting was adjourned at 3:00 P.M.

John Girand

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
November 8, 1963

The special meeting of the State Board of Technical Registration was called to order by the Chairman, Mr. Martin Ray Young, Jr., in the auditorium of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 9:10 A.M.

PRESENT

Martin Ray Young, Jr., Chairman
John H. Stufflebean, Vice-Chairman
John Girand, Secretary
C. W. Dryden
L. W. Matsch
H. L. Royden
Frederick P. Weaver
Jerry Lawson, Assistant Attorney General

ABSENT

E. D. Herreras
Billy Joe Shell

It was moved by Mr. Girand and seconded by Mr. Weaver that the minutes of the Board meeting of September 23rd and 24th be approved as written and presented with the correction of the dates of the next meeting to December 13th and 14th. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Weaver that the minutes of the special meeting of October 15th be approved as written and presented. Motion carried.

Acknowledgement of guests and visitors:

C. B. Gambrell, Chairman, Dept. of Industrial Engineering, Arizona State University
George Beakley, Assistant Dean of Engineering, Arizona State University
Robert D. Kersten, Chairman, Dept. of Civil Engineering, Arizona State University
B. Jack Gallaher, Geologist, Johnson & Gallaher
H. A. Higbie, Geological Assistant, Arizona State Highway Dept.
Lewis E. Scott, Engineering Geologist and Materials Engineer, Arizona State Highway Dept.
James E. Keller, Highway Design Engineer, Arizona State Highway Dept.
Ralph G. Odom, Consulting Engineer
Hale Tognoni, Geological Engineer, Mineral Economics Corp.
Jeffrey Cook, Assistant Professor of Architecture, Arizona State University
James R. Rapp, Architect-Instructor, Arizona State University
Paolo Soleri, Architect, Independent Research
Robert McConnell, Architect, Assistant Professor, Arizona State University

Report of the Rules and By-Laws Committee - Mr. John Girand, Chairman, announced that today the Board would hear discussion of the proposed Rules and Regulations and By-Laws of the Board and, if approved, would select a date for a formal hearing and adoption. Mr. Jerry Lawson commented on the Rules and Regulations as to their pertaining to the Law. Mr. Girand instructed

the Executive Secretary to begin reading the Rules and Regulations and stop whenever a Board member or guest raised a point on a particular rule. Mr. Dryden raised a question on Rule I(A)(2) in that he felt that the branches of engineering to be recognized by the Board should include Highway, Nuclear and Geological Engineering.

It was moved by Mr. Royden and seconded by Mr. Dryden that Highway, Nuclear and Geological Engineering be added to the list of major branches recognized by the Board. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that Rule I(A)(3), the last sentence, "Every case is carefully considered on its merits", be deleted. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that Rule II(B)(4), (6) and (7) wherein the rule refers to Engineer-in-Training and Geologist-in-Training in not permitting re-examination be deleted. Motion carried.

There being no further discussion from the Board or from the floor on the proposed Rules and Regulations, it was moved by Mr. Girand and seconded by Mr. Weaver that formal publication of the Rules and Regulations be made and that 10:30 A.M., Friday, December 13th, be selected as the date of such hearing. Motion carried.

Paolo Soleri spoke to the Board concerning his application for registration as an architect, requesting that the Board reconsider their requirements for his registration.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the Board reconsider Mr. Soleri's application for registration as an architect. Motion carried.

Mr. Girand submitted to the Board the proposed By-Laws of the State Board of Technical Registration. After discussion by members, it was suggested that Section II(5), Executive Committee, be changed so that the Executive Committee consists of all members of the Board.

Section II(8) was revised so that the N.C.A.R.B. Committee consists of the architect members of the Board.

There being no further discussion on the By-Laws, it was moved by Mr. Girand and seconded by Mr. Stufflebean that the corrected By-Laws be adopted and published.

John Girand

BY-LAWS

Section 1

NAME, SEAL, MEETINGS, AND ORGANIZATION

1. Name:

The name of this Board shall be the State Board of Technical Registration. This organization shall subsequently be referred to in these By-Laws as the Board. Wherever reference is made to Law, the same shall refer to Arizona Revised Statutes of January 1956 and amendments thereto.

2. Seal:

The seal of the Board shall be as follows: An embossed circular seal consisting of three concentric circles, one and one-quarter ($1\frac{1}{4}$) inches, one and one-half ($1\frac{1}{2}$) inches, and one and three-quarters ($1\frac{3}{4}$) inches in diameter. At the top of the annular space between the two larger circles shall appear the words: "State Board of Technical Registration." Beginning near the bottom of the left side between the two smaller circles shall appear the words "For Architects, Assayers, Engineers, Geologists, and Land Surveyors." At the bottom of the annular space between the two larger circles shall appear the words, "Arizona, U.S.A." Within the inner circle shall appear the Coat of Arms of Arizona.

3. Meetings:

Except as hereafter provided, regular meetings of the Board shall be held quarterly within each of the months of March, June, September, December, the exact date or dates of each meeting to be determined at the preceding meeting, or by the Chairman or Acting Chairman if the Board leaves the decision to him or if an emergency makes it unwise to conform to the decision reached by the Board.

When in the judgment of the Chairman of the Board, the work as prescribed for the Board by statute and by the procedure elsewhere set forth is insufficient to warrant the expense of a meeting of the Board, the Chairman may require a referendum of the Executive Committee, and on such support order the regular meeting to be postponed to another date, or waived for the quarterly period and memorandum of such action entered in the minutes of the next subsequent meeting of the Board.

All meetings shall be called for such time and at such place as may be designated by the Chairman, and stated by notice of such meetings, which notices shall be sent to all members of the Board two weeks in advance of the date thereof. Special meetings may be called at any time by the order of the Chairman, and shall be called by the Secretary when written request is filed therefore by three members of the Board. Due notices of such special meetings shall be given each member.

4. Organization:

At the regular meeting of the Board in September of each year, the Board shall elect from its members a Chairman, Vice-Chairman and Secretary who shall assume the duties of their office at the close of this meeting.

The Chairman shall, as soon thereafter as practicable, appoint from among the members of the Board the following standing committees: Executive, By-Laws and Rules, Public Information, National Council of Architectural Registration Boards, Budget Committee, Grievance Committee No. 1, Grievance Committee No. 2, and such other committees as may be required to facilitate the work of the Board.

Section II

DUTIES

1. Chairman:

The Chairman shall, when present, preside at all meetings, shall appoint all committees, shall sign all certificates, and other official documents, other than correspondence, and shall otherwise perform all duties ordinarily pertaining to the office of Chairman. All claims shall be signed by either the Chairman or Vice-Chairman, and Secretary of the Board. The Chairman shall be Ex-Officio member of all committees.

2. Vice-Chairman:

The Vice-Chairman shall, in the absence or incapacity of the Chairman, exercise the duties and then possess all the powers of the Chairman.

3. Secretary:

The Secretary of the Board shall perform all duties as prescribed by the Law and shall act as the general advisor of the Board, to the office of the Board. The Secretary shall sign all claims encumbered against Board funds.

4. Executive Secretary:

The Board shall retain an Executive Secretary, who shall have charge of the office of the Board, together with such clerical assistance as may be deemed necessary.

5. Executive Committee:

The Executive Committee shall consist of all members of the Board and its duties shall be to transact all business of the Board during intervals between regular or special meetings (except authorize the issuance of Certificates of Registration) and to make a report to the Board thereon at its next special or regular meeting. A quorum shall consist of five members.

6. By-Laws and Rules Committee:

The By-Laws and Rules Committee shall consist of three members who shall from time to time consider and recommend to the Board such modifications of the by-laws and rules governing examinations and other procedure of the Board as will secure best operating results.

The Committee shall report to the Board at each regular meeting and may report at any special meeting.

7. Public Information Committee:

The Committee on Public Information shall consist of all members, and its duties shall be to disseminate information concerning the policies and activities of the Board.

8. National Council of Architectural Registration Boards Committee:

The N. C. A. R. B. Committee shall consist of the Architect members of the Board. The duties of this committee shall be to transact all business relating to the National Council of Architectural Registration Boards.

9. Budget Committee:

The Budget Committee shall consist of three members of the Board. The duties of this committee shall be to present to the Board at each September meeting the proposed budget for the following fiscal year.

10. Grievance Committee No. 1:

This committee shall consist of three members of the Board whose residence shall be convenient to the northern and central part of the State. The duties of this committee shall be to investigate complaints made against registrants and non-registrants and to recommend Board action.

11. Grievance Committee No. 2:

This committee shall consist of three members of the Board whose residence shall be convenient to the central and southern part of the State. The duties of this committee shall be to investigate complaints made against registrants and non-registrants and to recommend Board action.

Section III

PROCEDURE

1. Order of Business:

At each regular or special meeting of the Board, the order of business shall be as follows:

1. Reading of the minutes of the last meeting.
2. Report of the Executive Committee.
3. Report of By-Laws and Rules Committee (required at regular meeting.)
4. Report on Examinations.
5. Report of Public Information Committee
6. Report of N.C.A.R.B. Committee.
7. Report of Budget Committee.
8. Report of Grievance Committee No. 1
9. Report of Grievance Committee No. 2
10. Report of Special Committees.

11. Reading of Communications.
12. Reading and considering of applications.
13. Unfinished business.
14. New business.
15. Adjournment.

2. Voting:

Unless otherwise provided by the Law, a quorum of the Board being present, it shall be considered that favorable action has been taken upon any question if a majority of those present vote favorably.

Section IV

1. Amendments:

These By-Laws may be amended at any regular or special meeting of the Board by favorable majority vote of the members present, provided a copy of the proposed amendment or amendments shall have been mailed to each member of the Board at least two weeks prior to the meeting at which it or they are to be considered.

The Executive Secretary presented the Post Auditor's report for the period ending June 30, 1963.

It was moved by Mr. Girand and seconded by Mr. Dryden that the Post Auditor's report be incorporated in the Annual Report of the Board. Motion carried.

The Executive Secretary presented the following list of names who have possibly violated the Rules of this Board:

Donald Burns Bauer
John C. Jackson

Carl E. Ludlow
Paul Scott Edell

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the files of these individuals be referred to Grievance Committee #1. Motion carried.

The Executive Secretary read a letter from Chris Christoph requesting release of certain documents contained in his application file.

It was moved by Mr. Royden and seconded by Mr. Stufflebean that the Executive Secretary reproduce the necessary documents to be retained by the Board, release such other documents as he deemed advisable, and bill Mr. Christoph for the cost of reproduction. Motion carried.

The Executive Secretary read a letter from Alex Nikolakopulos requesting permission to appear before the Board.

It was moved by Mr. Royden and seconded by Mr. Girand that Mr. Nikolakopulos be advised to appear before the December 13th meeting of the Board. Motion carried.

The Executive Secretary reported to the Board on his subpoena regarding 8900 N. Central Avenue.

The Chairman announced the following committee appointments for the ensuing year:

Rules and By-Laws Committee

Frederick P. Weaver, Chairman
John Girand
C. W. Dryden
E. D. Herreras

Office Procedures Committee

John H. Stufflebean, Chairman
John Girand
Frederick P. Weaver

Budget and Finance Committee

H. L. Royden, Chairman
Billy Joe Shell
C. W. Dryden

Grievance Committee No. 1

C. W. Dryden, Chairman
Frederick P. Weaver
H. L. Royden
John Girand

Grievance Committee No. 2

John H. Stufflebean, Chairman
L. W. Matsch
E. D. Herreras
Billy Joe Shell

Engineering Examination Committee

Billy Joe Shell, Chairman
L. W. Matsch
C. W. Dryden

N. C. A. R. B. Committee

Martin Ray Young, Jr., Chairman
Frederick P. Weaver
E. D. Herreras

There being no further business, the meeting adjourned at 3:20 P.M.

John Girand

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
December 13, 14, 1963

The meeting of the State Board of Technical Registration was called to order by Mr. Martin Ray Young, Jr., Chairman, in the Auditorium on the second floor of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 9:15 A.M. on Friday, December 13th.

All members and Mr. Jerry Lawson, Assistant Attorney General, were present.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the minutes of the special meeting of the Board on November 8, 1963, be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

No Executive Committee meeting was held during the period of November 8th to December 13th.

REPORT OF BY-LAWS AND RULES COMMITTEE

Mr. Young surrendered temporary chairmanship to the Vice-Chairman, John H. Stufflebean.

The first item of business under the By-Laws and Rules Committee was the receipt of a report by Mr. Jerry Lawson, Assistant Attorney General, to the members of the Board. Mr. Lawson's comments and report are per the following letter dated November 29, 1963:

I have been supplied with a copy of the final draft of the proposed adoption of rules of the State Board of Technical Registration and the following are my final comments with reference to the proposed rules.

Referring to Rule I-A (3), it is felt that this rule is adding an additional qualification to those enumerated in A.R.S. §32-122. It is felt that this rule is not sound legally.

Referring to Rule II-B (1), it is noted that no specific mention is made of when the Board shall select and publish dates and location of the in-training examinations.

Referring to Rule II-B (2, 3), it is felt that these two rules are somewhat arbitrary for the reason that one allows an in-training examination to be taken only prior to graduation, while another allows an in-training examination to be taken within 12 months after graduation.

Referring to Rule II-B, (4, 6, 7), it is felt that these rules are definitely arbitrary in nature for the reason that one rule permits no re-examination while the other two impliedly permit re-examination, yet all three refer to in-training examinations.

Referring to Rule VI, it is felt that the Board cannot legally limit a temporary permit to cover one project only. This limitation is not called for either specifically or impliedly by any of the statutes governing the Board.

No doubt you will have questions with reference to the above comments and with this in mind I have requested of Mr. Edelblut that a period of time be set aside immediately prior to the hearing on the proposed rules on December 13, 1963, in which to discuss said comments.

Very truly yours,

ROBERT W. PICKRELL
The Attorney General

/s/ Jerry W. Lawson
Assistant Attorney General

It was moved by Mr. Girand and seconded by Mr. Royden that Mr. Lawson's comments contained in his verbal report and letter to the Board be noted. Motion carried.

The Board then reviewed the published rules for which formal hearing was scheduled for 10:00 A.M. this date.

It was moved by Dr. Shell and seconded by Mr. Royden that the words "and mathematics" be deleted wherein it applies to Part I of the Engineer-in-Training and Professional Engineer Examinations. Motion carried.

It was moved by Mr. Young and seconded by Mr. Dryden that the last line of Rule IV(1), "Description of Seals", have the following deleted: ", and the words 'Date Signed'." Motion failed.

It was moved by Dr. Shell and seconded by Mr. Young that Rule II-B (9) be added as follows: "All in-training certificates shall expire eight years after issuance."

During discussion on the motion, the Board was instructed by Mr. Lawson that the addition of this Rule without prior publication was not advisable at this time. He suggested that the Board notify those persons appearing at the formal hearing today that such an additional rule was contemplated and would be published for formal hearing later. At the conclusion of the discussion, Dr. Shell withdrew his motion.

Mr. Young assumed chairmanship of the Board and announced that it was five minutes to 10:00, the hour set for the formal hearing on the proposed repealing of the present Rules and By-Laws of the State Board of Technical Registration and the adoption of the new Rules, Number I through Number VII, and therefore declared a five-minute recess.

Mr. Young called a formal hearing on the proposed adoption of the rules of the State Board of Technical Registration to order at 10:00 A.M. and the following visitors were recorded as present: B. L. Harriott, University of Arizona; J. H. Killingsworth, Arizona Consulting Engineers Association; James E. Keller, Arizona Highway Department; W. T. Hamlyn, Consulting Engineer; H. A. Higbie, Arizona State Highway Department; John Eisenberg, Arizona State Highway Department; Dean Moody, Central Chapter ASPE; C. B. Gambrell, Arizona State University; B. J. Gallaher, Johnson & Gallaher; R. D. Kersten, Arizona State University; George Beakley, Arizona State University.

The Executive Secretary read the following communications to the Board in the record of the formal hearing:

The Executive Committee of the Arizona Section of the American Society of Mechanical Engineers speaking as the management body for our two hundred Mechanical Engineers wish to endorse and lend support to the new rule which you have proposed. Only through a periodic conscientious scrutiny of our profession can the high standards of ethics and morals be preserved.

Respectfully yours,

/s/ Raymond J. Jimenez, Secretary
Arizona Section ASME

As an interested Professional Engineer, I have read your publicity bulletin discussing the new rules which you wish to adopt. I will attempt to attend the public hearing on December 13, 1963, but in case I am not able to be there, I would like to express a few observations.

I am in complete accord with the Board's desire to more specifically delineate the registration requirements. However, there are areas where items are unnecessarily vague.

- 1) It seems needlessly inconsistent to require 75% as the passing grade for architects while all others require only 70%. One or the other number should be used throughout the rules to demonstrate a singularity of direction.
- 2) Rule II.B.2 speaks of a probationary period but it does not define it. If it is still four years, why not state it. Whatever the Board's policy is, it should be stated so as to prevent misinterpretation.
- 3) Rule C5 and C6, also F. 1 and F. 4
There is an inter-relationship between the EIT and the P.E. exams. It is not clear what is required in the nature of examinations to become a Professional Engineer.
- 4) Rule F.3. It seems needlessly confusing to use the initials N.C.A.R.B. since not everyone (myself included) knows what they stand for. I could find no other reference to these examinations in the text. I feel, for the sake of clarity and completeness, these examinations should be further discussed.
- 5) My last and most severe criticism concerns Rule II.A.3. There should be no exceptions to the rule that every Professional Engineer registered in Arizona be required to demonstrate his technical integrity by a comprehensive written examination. With no intent to impugn the integrity of the Board, it is conceivable that this loop hole may be

used to register an unqualified yet unscrupulous individual. One or two days of written examination not an unreasonable burden to be required of all Professional Engineers wishing to be registered in the State of Arizona.

I hope that these comments are taken in the spirit in which they have been presented. They represent an engineer's attempt at reducing the number of variables in a problem making the solution more accurate and meaningful.

Respectfully,

/s/ Raymond J. Jimenez
Senior Staff Engineer
Mechanical Engineering Laboratory
Motorola, Inc., Military Elect. Div.

Mr. W. T. Hamlyn questioned the feasibility and advisability of the Board expanding the branches of registration recognized under Rule I-A (2). Mr. Dean Moody, representing ASPE, also spoke against the expanded major branches of engineering to be recognized by the Board. Mr. Moody's remarks were answered by Dr. B. J. Shell in great detail as for the reasoning used by the Board of Technical Registration in the proposed expansion. B. L. Harriott, representing the University of Arizona, the representatives from the State Highway Department, and H. A. Higbie spoke for the expansion to include Geological Engineering. George Beakley, representing Arizona State University, endorsed the proposed rules and the expanded branches of proficiency recognized.

The Executive Secretary informed all present of the proposed deletion of the words "and mathematics" as referring to Part I of the Engineering written examination and that the Board proposed advertising for a formal hearing on an addition to Rule II-B by adding number 9, "All in-training certificates shall expire eight years after issuance".

It was moved by Mr. Girand and seconded by Mr. Dryden that the favorable comments and objections recorded by the visitors be taken under advisement. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the formal hearing on the proposed repealing of the existing rules and adoption of new rules be closed since no further statements were presented by those present. Motion carried.

Chairman Young thanked all the visitors for attending and for their interest in professional registration and declared a five-minute recess to permit those visitors who intended to leave to depart.

Chairman Young again called the meeting to order and suspended the agenda to allow Mr. J. H. Killingsworth, attorney for the Arizona Consulting Engineers Association, Inc., to present his commentary in behalf of the Arizona Consulting Engineers Association, Inc.

Mr. Killingsworth stated that the Arizona Consulting Engineers Association had had numerous letters to the Board of Technical Registration concerning purported violations of the Technical Registration Act and they requested that they be advised at this time of the status. The correspondence in question referred to El Tanque Bowling Lanes and the functions of Arizona Foundation, Structural, and Soil Testing Engineers.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the Executive Secretary be instructed to advise the Executive Secretary of the Arizona Consulting Engineers Association of the actions of this Board in regard to El Tanque Bowling Lanes as are recorded in the minute book of the Board. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Girand in the matter of the Arizona Foundation, Structural, and Soil Testing Engineers, that the Executive Secretary advise the Executive Secretary of the Arizona Consulting Engineers Association that the Board would appreciate factual information as to the violations that the Arizona Foundation, Structural, and Soil Testing Engineers may have committed and provide this Board with assistance in disciplinary action if required. Motion carried.

Mr. Killingsworth thanked the Board for the opportunity to appear before them and accepted the motions made by the members and their discussion of intended course of action.

Chairman Young continued the report of the By-Laws and Rules Committee by John Girand.

It was moved by Dr. Shell and seconded by Mr. Herreras that Ceramic Engineering be deleted from the major branches of engineering presently recognized by the Board as described in Rule I-A (2). Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that all present rules, regulations and by-laws of the State Board of Technical Registration be repealed as of this date. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Shell that the rules, numbers I through VII, as publicized and filed for notification with the Secretary of State and discussed at the formal hearing this date, be adopted after the deletion of Ceramic from Rule I-A (2) and the words "and mathematics" in Rule II-B (6) and Rule II-C (5 and 6) as relating to Part I of the examinations. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that the by-laws of the State Board of Technical Registration as discussed and recorded at the special meeting of this Board on November 8, 1963 be adopted and published. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Stufflebean that the Executive Secretary be instructed to file the necessary papers for formal hearing on an additional rule, number II-B (9), "All in-training certificates shall expire eight years after issuance.", the date of the formal hearing to be established as March 13, 1964. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Royden that the Board extend to John Girand a vote of thanks and appreciation for the fine work as chairman of the Rules and By-Laws Committee in the preparation and presentation of the Rules and By-Laws just adopted. Motion carried.

Chairman Young continued the agenda with a call for the report on examinations from the Architectural and Engineering Examination Committees.

REPORT ON EXAMINATIONS

Mr. Weaver presented the report of the architectural examination grades and recommended approval.

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
62-3	Amarantides, John	P	P	P	F	P	81	P	H
63-5	Barstad, Alden William	F	F	P	P	P	86	P	H
62-20	Birtch, Dale R.	P	P	F	P	P	P	P	
63-290	Brown, Gordon Vallance	P	F	F	75	F	86	P	F, H
60-8	Campbell, Dale H.	P	P	F	P	P	P	P	
63-292	Clark, Gerald L.	F	85	F	F	P	86	P	D, H
63-36	Cole, Theodore Dow	F	76	F	P	F	P	F	D
62-42	Cruthis, James H.	P	P	P	F	P	P	P	
60-11	Dodge, David Elgin	P	P	F	F	P	P	P	
63-294	Edgar, Wesley Dewey	P	F	168	F	P	82	P	E, H
63-295	Engelhardt, William R.	Ex	F	175	Ex	DNA	DNA	Ex	E
59-14	Fellows, Rushia Glenn	F	P	P	F	F	P	75	I

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Professional Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
63-296	Fiakas, James Gust	Ex	F	156	Ex	F	80	Ex	E, H
60-14	Freedlund, Lawrence	F	P	P	P	P	81	P	H
63-60 *	Gadbery, Donald R.	P	P	P	75	P	85	P	F, H
63-76	Hamilton, John S.	F	F	P	F	78	P	83	G, I
62-218	Herberger, Gary Kierland	P	F	154	83	P	82	P	E, F, H
63-298	Jette, William O.	75	91	152	F	P	87	P	C, D, E, H
63-90	Johnson, Stanley W.	F	F	F	F	F	79	F	H
61-67	Martino, Dom	P	P	F	P	DNP	P	DNP	
63-303	Mather, Patrick J. C.	P	F	F	75	P	87	P	F, H
62-143	Newberg, Victor Eric	Ex	F	Ex	P	Ex	81	Ex	H
63-306	Paul, Alan V.	F	F	F	F	P	79	P	H
63-137	Perrell, Richard C.	F	P	F	P	F	P	P	
63-309	Poage, Richard Barclay	P	87	F	F	P	85	P	D, H
62-166	Rankin, William Potter	P	81	F	F	P	P	P	D
61-88	Rice, Harry	P	P	P	P	F	P	P	
58-18	Richey, John H.	P	P	F	P	F	P	P	
63-312 *	Risser, James A.	Ex	Ex	171	Ex	Ex	Ex	Ex	E
62-238	Ronneberg, Gordon T.	F	F	Ex	Ex	Ex	F	85	I
63-216	Serchia, Arthur A.	Ex	Ex	Ex	Ex	Ex	F	Ex	
63-315	Starr, Edward L.	F	F	F	F	F	80	F	H
63-224	Stuart, Alexander	F	75	188	F	F	85	84	D, E, H, I
62-190 *	Sutterley, Edmund, Jr.	P	P	P	75	P	P	P	F

No.	Name	History & Theory C	Site Planning D	Architectural Design E	Building Construction F	Structural Design G	Professional Administration H	Building Equipment I	Passed
61-101	Tang, Andrew	P	P	F	F	P	P	P	
55-1	Thompson, Kenneth C.	P	F	F	P	P	P	P	
63-317	Wagner, Edgar Otto	P	90	160	F	F	81	P	D, E, H
60-52	Wielgus, Ronald S.	P	F	P	P	P	P	P	
62-210	*Willoughby, Rex E.	P	P	159	P	P	P	P	E
61-112	Witner, James E.	P	F	P	P	P	P	P	
63-177	Witte, Willard W.	F	F	P	P	F	80	P	H

It was moved by Dr. Shell and seconded by Mr. Stufflebean that the architectural examination grades be accepted. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Herreras that the Board advise James Gust Fiakas that the History & Theory examination (C) would be required in that a mistake in recording is acknowledged. Motion carried.

Dr. Shell presented the engineering grades for the Board's acceptance.

CIVIL ENGINEERING

No.	Name	I	II	III	IV	Passed
63-7	Baruch, Richard M.	Ex	Ex	F	90	4
63-320	* Beckwith, George H.	P	73	81	75	2, 3, 4
63-8	* Bedenkop, Dale V.	87	P	P	P	1
63-14	* Brady, Corwin R.	Ex	Ex	78	75	3, 4
61-7	Bridwell, George L.	Ex	Ex	P	F	
62-234	Budwig, Jerry	Ex	Ex	P	F	
63-325	Campbell, Donald W.	P	P	F	70	4

No.	Name	I	II	III	IV	Passed
63-35	Click, David E.	73	78	F	F	1, 2
63-38	Condes de la Torre, Albert	P	P	F	P	
61-18	Copple, Raymond B.	Ex	Ex	F	P	
60-9	* Corley, Vaughn S.	P	P	73	P	3
63-328	* Dashney, Gary A.	P	P	75	81	3, 4
61-25	Denison, Russell Leroy	F	F	F	F	
63-330	* Dombrowski, Leon A., Jr.	Ex	Ex	80	86	3, 4
63-331	Duval, James W.	F	F	F	82	4
63-334	* Freise, Raymond W.	Ex	Ex	75	80	3, 4
61-30	Gentry, Scott N.	Ex	Ex	F	F	
60-18	Gostinski, Leonard	F	F	F	P	
62-68	Gutierrez, Rosendo, Jr.	P	F	F	92	4
63-336	* Hazelwood, Herbert Bob	89	P	70	92	1, 3, 4
63-339	* Hipskind, John W.	P	P	86	74	3, 4
61-43	Hutchinson, Quinn L.	F	F	P	P	
63-342	Johnson, Robert R.	F	F	F	82	4
63-343	Kaestner, Robert D.	Ex	Ex	90	F	3
61-46	Kienitz, Robert D.	Ex	Ex	F	P	
61-47	* Kirby, Earl O.	P	P	70	P	3
62-102	* Lamb, Lawrence G.	Ex	Ex	P	70	4
62-104	* Lathrop, Francis H.	P	P	P	81	4
61-55	Loebs, P. L.	P	P	P	F	
63-347	* McDermed, Glen C.	Ex	Ex	85	95	3, 4
63-117	McGlamery, Donald B.	F	72	F	P	2
61-122	Marshick, Allan R.	Ex	Ex	F	P	
63-195	Martin, Charles E.	P	P	82	F	3
62-126	* Mendenhall, Wesley S., Jr.	Ex	Ex	P	79	4

No.	Name	I	II	III	IV	Passed
62-128	* Michaels, Gus R., Jr.	P	P	P	88	4
63-126	* Miller, James Robert	Ex	Ex	81	P	3
63-348	Miller, Roy C.	Ex	Ex	F	P	
62-132	* Montano, Manuel T.	P	P	P	70	4
63-135	Morgan, John B.	Ex	Ex	F	F	
62-141	* Murphy, Richard I.	P	P	78	81	3, 4
63-196	Neeb, Lewis S.	P	P	F	75	4
62-147	O'Dell, William	P	P	P	F	
62-150	* Osborn, Herbert B.	Ex	Ex	P	79	4
62-151	Osmus, Howard Martin	Ex	Ex	F	P	
62-152	* Overacker, George R.	P	P	70	P	3
62-153	* Parke, Robin E.	P	P	78	P	3
61-81	* Place, Kenneth M.	70	P	P	P	1
63-351	Pollock, Adrian R.	91	77	76	F	1, 2, 3
63-352	Quick, Bayard R.	Ex	Ex	F	Ex	
61-86	Ratermann, Mark J.	P	F	P	P	
59-24	* Rochin, Mario A.	Ex	Ex	83	P	3
60-41	Roe, E. Chester	Ex	Ex	F	P	
63-353	Runner, Harold Lee G.	P	P	F	F	
63-356	Sizemore, Wayland H.	P	P	F	F	
62-181	* Sloan, Dean E.	Ex	Ex	P	81	4
62-182	Smith, Boyd	P	P	F	P	
61-96	Smith, Robert H.	DNP	DNP	F	P	
61-99	Soyster, George W.	F	F	F	P	
62-187	Starck, William G.	P	P	F	P	
63-358	Stevens, Alfred	Ex	Ex	88	F	3

No.	Name	I	II	III	IV	Passed
63-359	Tate, Donnie L.	P	P	70	F	3
60-49	* Vance, George C.	Ex.	Ex	8P	70	4
62-199	* Voelker, Edward D., Jr.	82	P	P	P	1
62-208	Wigal, Donald J.	P	P	P	F	
63-173	* Williams, Richard B.	P	P	88	75	3, 4
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
62-214	Wolfe, Donald Rex	P	P	F	P	
62-216	Wright, Paul M.	Ex	Ex	F	F	

ELECTRICAL ENGINEERING

63-24	* Carlson, Norman L.	Ex	Ex	83	96	3, 4
63-272	Cuellar, Oscar L.	Ex	Ex	F	F	
63-49	* Edwards, Edwin D.	Ex	Ex	70	P	3
63-68	* Goldman, Wirt	P	P	86	P	3
62-64	Gordon, Joseph B.	Ex	Ex	F	P	
63-74	* Hall, Cecil Adron	Ex	Ex	85	P	3
63-91	* Johnston, Robert H.	Ex	Ex	75	P	3
63-247	* Knight, Donald O.	Ex	Ex	Ex	75	4
63-369	* McDaniels, Russel R.	Ex	Ex	Ex	73	4
62-119	Manning, Robert A.	F	F	F	F	
60-30	Martin, Lonnie D.	Ex	Ex	F	P	
63-187	Reading, William H., III	F	77	75	70	2, 3, 4
63-148	* Shaffer, Donald K.	P	P	75	P	3
63-261	Young, W. Fred	Ex	Ex	Ex	F	

MECHANICAL ENGINEERING

63-371	* Barnett, David L.	P	P	74	86	3, 4
62-19	* Berge, Craig	P	P	P	70	4

No.	Name	I	II	III	IV	Passed		
60-5	* Bogner, Robert L.	P	96	P	P	2		
63-373	* Cantral, Roy G.	Ex	Ex	72	F	3		
63-374	* Chadbourne, Lester E.	Ex	Ex	85	100	3, 4		
63-375	* Conway, Daniel M.	P	P	80	97	3, 4		
63-45	* Drain, Bob R.	P	P	P	79	4		
61-26	* Enfield, Stuart A.	P	P	74	85	3, 4		
63-273	Feldman, Elliot I.	DNA	DNA	DNA	F			
62-53	Festin, Glen Robert	P	P	P	F			
63-376	Goebel, Eugene C.	P	P	F	DNA			
62-81	* Howard, Robert G.	P	P	P	75	4		
61-50	* Koupal, Jerome R.	Ex	Ex	95	80	3, 4		
63-380	* Letson, Richard A.	Ex	Ex	70	93	3, 4		
63-199	* Martin, Richard F.	Ex	Ex	78	70	3, 4		
63-382	* Minshall, Bert J.	P	P	85	80	3, 4		
63-135	Park, Arthur C.	Ex	Ex	Ex	F			
61-93	Schweitzer, F. W.	P	P	P	F			
63-384	Selby, Herbert R.	P	P	F	F			
63-197	Smith, James H.	P	P	82	F	3		
63-38	* Stringham, George W.	Ex	Ex	76	70	3, 4		
60-45	* Sybert, Warren M.	Ex	Ex	85	P	3		
63-389	* Timmerman, George H.	Ex	Ex	98	93	3, 4		
STRUCTURAL ENGINEERING		I	II	III	IV	V	VI	Passed
63-394	Buckmaster, B. Gail	P	P	Ex	F	86	90	5, 6
62-31	* Carey, William B.	Ex	Ex	Ex	Ex	P	90	6
63-395	Corkran, Frank L.	P	P	F	77	87	83	4, 5, 6
63-396	* Gervasio, Joseph A.	P	P	P	P	96	86	5, 6

No.	Name	I	II	III	IV	V	VI	Passed
63-397 *	Hipskind, John W.	P	P	86	74	96	80	3,4,5,6
62-76	Hollman, E. A.	Ex	Ex	Ex	Ex	70	F	5
63-269	Pell, Fredric R.	Ex	Ex	F	F	F	F	
62-215 *	Wold, Max P.	Ex	Ex	Ex	Ex	P	73	6

It was moved by Mr. Royden and seconded by Mr. Dryden that the engineering grades be recorded and accepted. Motion carried.

GEOLOGY	I	II	III	IV	Passed
62-112 * Lewis, Ezra H.	P	P	P	70	4
62-120 Mathewson, Donald E.	Ex	Ex	F	F	

GEOLOGIST-IN-TRAINING

63-285 * Platt, Wallace S.	70	100			1, 2
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It was moved by Mr. Stufflebean and seconded by Mr. Girand that the grades of the Geology and Geologist-in-Training applicants be accepted. Motion carried.

LAND SURVEYORS	I	II	III	IV	Passed
62-6 Anderson, John C.	P	F	P	P	
62-30 Byrne, William E. R., III	P	P	F	P	
63-192 * Gant, Travis Lee	Ex	Ex	90	71	3, 4
63-415 Jasmann, Myron	F	F	F	F	
60-22 * Jones, Raymond Lee	P	75	P	P	2
63-262 Martinez, Joe G.	F	85	85	F	2, 3
63-418 Mueller, John J.	70	F	75	F	1, 3
61-84 Preble, Robert E.	F	P	F	F	
63-420 Ramey, Paul Wayne	F	F	F	F	
60-42 * Shirley, William B.	P	70	P	P	2
63-155 * Swafford, Walter Linden	Ex	Ex	70	P	3
63-165 Voss, Jimmie E.	70	F	F	P	1

It was moved by Mr. Dryden and seconded by Mr. Royden that the Land Surveying examination grades be accepted. Motion carried.

ARCHITECT-IN-TRAINING

No.	Name	C History & Theory	G Structural Design	I Building Equip.	Passed
60-3	Baker, Frederick E.	F	P	P	
63-424	Brown, John E.	F	F	81	I
62-28	* Burlini, Alfred H.	75	P	P	C
63-431	Caviness, Richard	F	78	79	G, I
63-31	Ceton, Raymond W.	P	F	77	I
63-33	* Chann, Earl Kai	P	P	81	I
61-13	Cipolla, Caesar E.	F	DNA	F	
62-46	* Devenney, Edman L.	75	P	P	C
63-48	* Edminster, Warren S.	P	83	P	G
63-51	Eley, William R.	F	P	P	
63-432	Gilleland, Joseph E., III	F	F	79	I
63-434	* Goodwin, Michael Kemper	75	84	81	C, G, I
63-425	Harvey, William C., Jr.	75	F	80	C, I
63-442	Lakin, James M.	F	75	84	G, I
63-443	Leonard, R. Brooks	F	F	F	
63-429	Logan, Donn	F	77	78	G, I
63-116	McGarrity, Jack Johnston	F	DNA	DNA	
63-119	* McKenzie, Robert F.	P	75	84	G, I
63-132	Norling, Kenneth R.	F	P	F	
63-430	Potter, Thomas Dwight	F	F	F	
63-144	Ryan, Grover E.	F	F	76	I

No.	Name	History & Theory	Structural Design	Building Equipment	Passed
		C	G	I	
63-445	Sams, Roger L.	F	81	83	G, I
63-446	Tang, May Wu	F	F	F	
61-104	Turek, Robert L.	F	P	P	
63-428	Woods, Donald P., Jr.	F	F	F	

It was moved by Mr. Herreras and seconded by Mr. Girand that the Architect-in-Training grades be accepted. Motion carried.

ENGINEER-IN-TRAINING		I	II	Passed
63-462	Albert, Guy D.	F	85	2
63-448 *	Arthachinta, Thavorn	85	81	1, 2
63-2 *	Atonna, Peter	92	P	1
63-459	Battles, Fred C.	F	93	2
63-13	Blatchford, Robert C.	F	F	
63-435 *	Briggs, Larry L.	70	70	1, 2
63-26 *	Carson, Kit P.	P	70	2
63-27 *	Carter, Glenn D.	P	84	2
63-28 *	Cashin, James A.	73	P	1
63-472 *	Christensen, Grant S.	79	94	1, 2
63-423 *	Christianson, George E.	83	74	1, 2
63-469 *	Cornell, David M.	92	76	1, 2
63-455 *	Cox, James M.	83	73	1, 2
63-456 *	Curtis, Evan H.	86	79	1, 2
63-470 *	Denham, Robert F.	76	92	1, 2
62-47 *	DeVore, James C.	P	72	2

No.	Name	I	II	Passed
63-441	* Dudley, Walter	75	88	1, 2
63-53	* Ellis, Robert Lynn	87	P	1
63-54	Espinoza, Ernest T.	F	F	
63-460	Faulkner, Richard Stephen	F	84	2
63-449	Frew, Robert L.	F	82	2
63-466	Friedson, Harvey	F	72	2
63-478	* Gass, C. Bernard, Jr.	86	81	1, 2
63-71	Geurin, Courtland F.	F	P	
63-465	* Hall, Philip L.	89	82	1, 2
63-439	Harnly, John P.	F	87	2
63-457	* Jones, Fred G.	83	100	1, 2
63-480	* Jones, Robert R.	76	79	1, 2
63-454	* Judd, A. James	81	P	1
62-96	* Knapp, John D.	P	72	2
63-97	* Kole, Charles P.	80	77	1, 2
63-438	Larson, Arlen Ellwood	F	75	2
63-473	Lewis, John F.	74	F	1
63-477	Linkswiler, John	84	F	1
60-27	* Lizardi, Joe H.	70	P	1
63-113	McClure, Garland J.	F	74	2
63-476	* McFadden, James P.	95	71	1, 2
63-118	McKelvey, Raymond D.	78	F	1
63-468	* McMillan, Douglas B.	83	90	1, 2
63-467	Manousos, John M.	F	86	2
63-461	* Meador, Travis Lee	73	86	1, 2
62-131	Mock, Frederick A.	F	DNA	
63-451	Mulligan, Donald E.	F	89	2

No.	Name	I	II	Passed
63-450 *	Niegocki, Fred Stanley	70	91	1, 2
63-140 *	Pierson, R. K.	73	P	1
63-479	Potts, Robert C.	72	F	1
63-458 *	Rice, Robert R.	73	85	1, 2
63-481 *	Rodgers, Charles A., Jr.	82	97	1, 2
63-440	Swanson, Leland S.	F	F	
63-156 *	Swartz, Reginald	76	P	1
63-157 *	Tang, Roland	82	P	1
63-475	Teorey, Toby J.	F	89	2
62-191 *	Terrell, Malcolm C.	78	76	1, 2
63-437	Torres, Francisco Castro	F	F	
63-474 *	Treadwell, Donald Duncan	89	89	1, 2
63-464 *	Uhl, Louis, Jr.	75	79	1, 2
63-463	Wankerl, Max	F	83	2
63-168	Werhan, Ronald W.	F	F	
63-452 *	Whitaker, James C.	93	81	1, 2
63-169 *	White, Billy P.	P	98	2
63-453 *	White, O'Mara, Jr.	88	80	1, 2
63-172	Williams, A. E., Jr.	F	F	
63-174 *	Willow, James Hayes	77	P	1
63-175 *	Wilson, Jerome Michael	90	P	1
63-471 *	Wilson, Paul E.	73	98	1, 2
63-181 *	Young, Robert A.	89	P	1

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the Engineer-in-Training grades be accepted. Motion carried.

REPORT OF PUBLIC INFORMATION COMMITTEE

Chairman Young reported of an incident occurring in Yuma which he intended to present to Grievance Committee #1.

REPORT OF N.C.A.R.B. COMMITTEE

The Executive Secretary read correspondence from Richard H. Eddy, Secretary of the Western Conference of State Architectural Registration Boards, in that the Conference felt the invitation to attend a meeting in Hawaii was premature at this time. The Executive Secretary was instructed to notify Mr. Eddy that Arizona concurred with the Conference and would prefer the Spring examination meeting at some city on the Mainland.

REPORT OF BUDGET COMMITTEE

The Executive Secretary presented the following as a cash expenditures report through November 30th:

REPORT #5

DATE: December 1, 1963

Balance on Deposit as of July 1, 1963 - \$13,299.21 Appropriated
Balance on Deposit as of Report Date - \$2,099.12 receipts this
month - \$1,050.30

Code No.	Classification	Budget	Encumbered Since Report #4	Total Expended to date	Unencumbered Balance
110	Salaries	26,100.00	2,066.68	10,080.06	16,019.94
211	Postage	1,200.00	336.45	595.03	604.97
212	Telephone	750.00	86.31	337.38	412.62
220	Travel - State	1,400.00	15.38	1,177.51	222.49
230	Travel - Out of State	2,500.00		651.61	1,848.39
240	Professional Services	5,000.00	831.61	931.61	4,068.39
262	Equipment, Maint.	100.00		134.02	(34.02)
293	Janitor Services		20.00	20.00	(20.00)
294	Notary Fees				
295	Railway Express	30.00			30.00
296	Printing Annual Report	1,800.00			1,800.00
299	Miscellaneous		310.35	342.04	(342.04)
310	Supplies	3,000.00	430.19	970.04	2,029.96
390	Photographs			83.83	(83.83)
411	Rent - Office Equip.		19.50	64.00	(64.00)
413	Rent - Office	3,500.00	255.86	1,295.70	2,204.30
417	Rent - Other Offices	400.00	57.62	132.79	267.21
421	Bond - Officers	5.00		10.00	(5.00)
424	Insurance	100.00	50.00	79.01	20.99
425)	St. Ret.				
427)	OASI	1,500.00		432.00	1,068.00
430	Subscrip. & Org. Dues	800.00	4.90	4.90	795.10
611	Office Equipment	2,000.00	80.75	80.75	1,919.25
931	Refunds	400.00	80.00	195.00	205.00
995	Revolving Fund				
TOTALS		50,585.00	4,645.60	17,617.28	32,967.72

REPORT OF GRIEVANCE COMMITTEE #1

Chairman Dryden presented the following report of Grievance Committee meeting held December 4th:

The meeting of Grievance Committee #1 was called to order at 1:30 P.M., Wednesday, December 4, 1963, by Mr. G. W. Dryden, Committee Chairman. Present were Mr. Dryden, H. L. Royden, Frederick P. Weaver and Martin Ray Young, Jr. Mr. John Girand was absent.

Donald Burns Bauer - Mr. Bauer appeared first before the Board at its request concerning a Pet Clinic and Pet Shop in the Darnell Plaza, Tempe, and the Tempe Mortuary. He also appeared regarding an advertisement in the Arizona Architect/Builder by Peter Roosen, Contractor, in which Mr. Roosen holds himself out as the designer. The plans of the Darnell Plaza Pet Shop and the Tempe Mortuary were presented for building permits under the seal and signature of Donald Burns Bauer. Mr. Bauer stated to the Grievance Committee that he was the author of the projects and that Mr. Roosen had previously been an employee and that Mr. Bauer was responsible for the plans. Mr. Bauer stated that he had written the Arizona Architect/Builder and the Salt River Project, the sponsors of the subject advertisement, that he and not Mr. Roosen was the architect on the Tempe Mortuary. Mr. Bauer promised to provide the Board with copies of his letters to the above firms.

The Grievance Committee, after reviewing the matter presented, concluded that there was no apparent violation by Donald Burns Bauer.

Mr. Bauer advised the Grievance Committee of a bowling alley in Prescott, Arizona, on which the apparent owners were Yancey Lewis and Ray Gross and that apparently the plans were prepared by Unisonian Associates but were presented for building permit under the seal of Jack Knighton.

Mr. Bauer agreed to write a formal complaint to the office of the Board regarding this project and the Executive Secretary was instructed to secure from the Building Department of the City of Prescott a copy of the plans and specifications as well as checking all of the files of the State Board of Technical Registration regarding Unisonian Associates for previous violations.

Barrie H. Groen - Mr. Groen appeared to report on Mr. Paul Scott Edell, of 8402 N. 16th Avenue who has been holding himself out to be an architect. Mr. Groen presented to the Committee a photostat of a drawing on which the name "Paul Scott Edell" appears. The Committee questioned that since this proposed project with Mr. Edell's name as architect was within the City of Phoenix that perhaps it would be best to wait until they were filed for building permit to see the name of the registrant associated with Mr. Edell. The Executive Secretary was instructed to contact the Building Department of the City of Phoenix to make every effort to secure the plans when presented for a building permit.

Mr. Groen assured the Board that he would assist in any way in concluding the action against this non-registrant.

Carl E. Ludlow - Mr. Ludlow appeared before the Grievance Committee at its request regarding his stamp and signature appearing on the structural sheets of architectural plans presented for a building permit in Flagstaff, Arizona. The referenced building was a medical-dental center on which the apparent owners are Fred Groxton and Jim Smets. The foundation sheets for this building were stamped and signed by J. B. Holmquist and the roof framing sheets stamped and signed by Carl E. Ludlow. All drafting was apparently done by another person and no architect's stamp appeared on the drawings.

Mr. Ludlow informed the Grievance Committee that he had been approached to do the structural roof calculations as a gratis favor for a friend. He was not aware that there was not an architect on the project until his work was complete.

It was concluded by the Grievance Committee that there had been no violation on Mr. Ludlow's part and that since action had been taken by the office of the Board to inform the building officials and the City Attorney of the requirement in the Board Rules and Regulations that all sheets of drawings must be stamped there was no further action contemplated.

Bill Blair - Mr. Blair appeared before the Grievance Committee regarding his operating in Arizona where the office was under the control of Marion L. Vanlandingham and that Mr. Blair was not presently registered. Mr. Blair informed the Grievance Committee that he had recently submitted an application for registration and that all work performed in Arizona was under the direct control and supervision of Mr. Vanlandingham. Mr. Blair further informed the Committee that in the interim period until he receives registration in Arizona, Mr. Vanlandingham's name will be used in the conduct of the firm's business. The Committee concluded that there was no apparent action to be taken at this time.

The Grievance Committee received a letter from the Arizona Consulting Engineers Association regarding plans prepared by R. Paulsell for Cortaro Farms at Cortaro, Arizona, in which the design was apparently inadequate and required re-design by Coe and Van Loo. The Executive Secretary was instructed to acknowledge the letter from the Arizona Consulting Engineers Association, to secure all plans for the project, talk to the persons involved, and to make a written report to Grievance Committee #1.

In the matter of Clare L. Bender of Ash Fork, Arizona, in which he reported a John C. Jackson, the Committee took no further action in that replies to letters written by the Executive Secretary to the Yavapai County Attorney and Mr. Bender had not been received.

There being no further business, the Committee adjourned at 3:30 P.M.

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

It was moved by Mr. Weaver and seconded by Mr. Stufflebean that the matter of Charles R. Young, Yuma, Arizona, be turned over to Grievance Committee #1 for investigation. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Stufflebean that the Executive Secretary write Alan Daily & Associates, Alfred Beadle, and inform them of the requirement of the name of the registrant appearing on the firm's letterhead. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #2

Mr. Stufflebean reported that most of the matters concerning Grievance Committee #2 had been reported on and disposed of by instructions to the Executive Secretary at the time of Mr. Killingsworth's appearance before the Board. Mr. Stufflebean reported that the Tucson members of the Board would ascertain who is in charge of the Hawley & Hawley Assaying Office in Tucson.

REPORT OF SPECIAL COMMITTEES

Mr. Weaver reported on his work with the Minimum Standards and Specifications Committee of the A.I.A.

It was moved by Mr. Girand and seconded by Mr. Royden that the suggested minimum drawings and specifications for projects of architectural nature as presented by Mr. Weaver and Architects Bricker, Green and Haver be forwarded to the Chairmen of Grievance Committees #1 and #2. These committees are instructed to follow the architectural minimums when a matter of questionable ethics is being investigated. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Dryden that the Board extend their thanks to Francis Bricker, Ellery C. Green and Ralph Haver for their work in preparing the schedule of minimums. Motion carried.

The Chairman adjourned the meeting for lunch.

The meeting was again called to order at 1:30 P.M. by Chairman Young for the reading of communications.

The Executive Secretary was instructed to reply to Mr. Robert McConnell that the Board does not consider service in the Peace Corps where the work is performed without the supervision of a registered Architect to be experience of a character satisfactory to the Board.

The Executive Secretary was instructed to acknowledge a letter from Scott Sarber and notify him that should he acquire knowledge of any work by L. L. Johns in the practice of Architecture, he should forward same to the Board.

The Executive Secretary read a letter from the University of Arizona requesting the dates of the Spring examinations.

It was moved by Mr. Stufflebean and seconded by Mr. Royden that the dates of April 17, 18, 20, 21 and 22 be established for the Spring examinations and be circularized to the applicants and universities. Motion carried.

SUGGESTED MINIMUM DRAWINGS AND SPECIFICATIONS
FOR PROJECTS OF ARCHITECTURAL NATURE

RESIDENCE - Up to 2,000 sq. ft.

1. (a) SITE PLAN - property lines utilities and exterior improvements
 - (b) FLOOR PLAN - interior elevations of kitchen and all cabinets
 - (c) ROOM FINISH SCHEDULE
 - (d) WINDOW SCHEDULE
 - (e) DOOR SCHEDULE (on plan if desired)
 - (f) SECTION
 - (g) EXTERIOR ELEVATIONS
 - (h) FRAMING PLAN - if other than rectangular
 - (i) FRAMING DETAILS
 - (j) FOUNDATION PLAN
 - (k) FOUNDATION DETAILS
 - (l) DOOR & WINDOW DETAILS (if other than stock components)
 - (m) HEATING & COOLING PLAN & SCHEDULES
 - (n) ELECTRICAL PLAN - Outlets, switches and panel only may be shown
2. OUTLINE SPECIFICATIONS

RESIDENCE - Over 2,000 sq. ft. & small commercial under \$25,000 in cost

The following is meant to be a guide for minimum drawings for the execution of project of an architectural nature and should be complimented with any necessary soil reports, or other engineering data necessary when required for complete description. This is a guide for a typical project. More or less drawings, etc., shall be required according to complexity of project.

1. (a) SITE PLAN - From survey by C. E., property lines, utilities exterior improvements and necessary site elevations.
- (b) FLOOR PLAN
- (c) ROOM FINISH SCHEDULE
- (d) MAIN ROOMS - interior elevations
- (e) WINDOW SCHEDULE
- (f) DOOR SCHEDULE
- (g) SECTIONS - all sections necessary for clarity
- (h) EXTERIOR ELEVATIONS
- (i) FRAMING PLAN)
- (j) FRAMING DETAILS)
- (k) FOUNDATION PLAN) CALCULATIONS
- (l) FOUNDATION DETAILS)
- (m) DOOR & WINDOW DETAILS
- (n) SPECIAL DETAILS - cabinets, vanities, planters, fireplaces, all special features
- (o) HEATING & COOLING - Plan showing ducts, piping, etc. Schedule of boiler, furnace or other heating device, and cooling units. Heating and cooling design conditions.
- (p) PLUMBING - Plan with all pipe sizes and fixtures
- (q) ELECTRICAL PLAN & DETAILS - Fixture schedule, panels, circuiting, electrical load calculations on file.
2. SPECIFICATIONS - Complete with all sections necessary to compliment the drawings to completely describe the project

ALL OTHER PROJECTS OVER \$25,000.00 IN COST

The following is meant to be a guide for minimum drawings for the execution of projects of an architectural nature and should be complimented with any necessary soil reports, or other engineering data necessary when required for complete description. This is a guide for a typical project. More or less drawings, etc., shall be required according to complexity of project.

1. (a) SITE PLAN OR PLANS WITH ALL NECESSARY ELEVATIONS OR CONTOURS, UTILITIES, WALKS, ETC. - From complete survey by C. E.
- (b) FLOOR PLAN OR PLANS OF ALL FLOORS AND ROOF
- (c) ROOM FINISH SCHEDULE OR SCHEDULES
- (d) INTERIOR ELEVATIONS
- (e) WINDOW SCHEDULE
- (f) DOOR SCHEDULE
- (g) EXTERIOR ELEVATIONS
- (h) SECTIONS - all necessary for clarity
- (i) DOOR & WINDOW DETAILS
- (j) LARGE SCALE DETAILS OF ALL EQUIPMENT OR BUILT IN WORK
- (k) FOUNDATION PLAN FOR ALL BUILDINGS, WALKS & MISCELLANEOUS STRUCTURES
- (l) FOUNDATION & COLUMN DETAILS & SCHEDULES NECESSARY FOR COMPLETE CLARITY
- (m) FRAMING PLAN FOR ALL FLOORS & ROOF
- (n) FRAMING DETAILS FOR ALL STRUCTURAL PARTS
- (o) HEATING & COOLING - Site and floor plans with all necessary ducts, pipes, and heating and cooling components properly shown and sized, along with necessary schedules, details and diagrams to completely describe heating and cooling systems.
- (p) PLUMBING - Site and floor plans showing pipes, fixtures, vents, risers, etc., for water, gas and waste along with all necessary schedules, diagrams, details, and descriptions necessary to completely describe plumbing requirements.
- (q) ELECTRICAL - Site and floor plans showing complete distribution systems with all circuits completely shown and all necessary details, electrical service, panels, fixtures, etc.
2. (a) STRUCTURAL CALCULATIONS
- (b) HEATING & COOLING CALCULATIONS - on file
- (c) ELECTRICAL CALCULATIONS - on file
3. SPECIFICATIONS - Complete with all sections necessary to compliment the drawings to completely describe the project.

NOTE: Any of the above items may be combined or omitted if clarity is not reduced.

READING AND CONSIDERING OF APPLICATIONS

Mr. Alex Nikolakopoulos of Los Angeles, California, appeared before the Board to request reconsideration of his application for registration as an Electrical Engineer which was denied by Board action in June, 1963.

It was moved by Mr. Royden and seconded by Mr. Girand that Mr. Nikolakopoulos' request for reconsideration be taken under advisement. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Girand that the action of the Board taken in June, 1963, regarding Alex Nikolakopoulos be reaffirmed. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Stufflebean that the following registrations be granted. Motion carried.

ARCHITECTURE

5577 Bradbury, Keith Howard
 5578 Katz, David Joseph
 5579 Light, Herman Charles
 5580 Moore, Jason Prior
 5617 Oliver, Robert Sheldon
 5581 Piland, Vollie Mathis, Jr.
 5582 Preszler, Donald Lee
 5583 Strange, William Thomas, Jr.
 5584 Vogel, Fenick Abram

STRUCTURAL ENGINEERING

5599 Weary, Philip Richard

ELECTRICAL ENGINEERING

5600 Knittel, Vincent Edward
 5601 Mahlmeister, Thomas G.

MINING ENGINEERING

5615 Jonas, Charles Henry

CIVIL ENGINEERING

5585 Blair, Robert W.
 5586 Bulhuis, Raymond John
 5587 Cobb, Edwin Blaine
 5588 Cornelison, Donald Lee
 5589 Craig, James Winford
 5590 Forkert, Clifford Arthur
 5591 Fredrickson, Roy Eldon
 5618 Herrick, Thomas Lorimer
 5592 Hillman, Harry Fred
 5593 Kenefick, Robert Leo
 5594 Lunt, Gerald Alan
 5595 Parker, William Forrest, Jr.
 5596 Wilkie, Charles B.
 5597 Willis, Shelby Kenneth
 5598 Woodward, Louis Alvin
 5619 Shell, Gerald Lynwood

MECHANICAL ENGINEERING

5602 Hendy, Frederick
 5616 Krill, Arthur Melvin
 5603 Martin, William Otto
 5614 Peirce, Gilbert H.
 5604 Stahl, Roy Paul

NUCLEAR ENGINEERING

5605 Buell, Elton Hollister
 5606 Davis, Monte Vincent
 5607 Post, Roy Grayson
 5608 Seale, Robert Lewis

GEOLOGY

5609 Cook, Annan
 5610 Thiele, Heinrich J.
 5613 Roberts, George D.

LAND SURVEYING

5611 Dickens, James Hollis
 5612 McMath, Voy S.

It was moved by Mr. Royden and seconded by Mr. Dryden that the following Engineer-in-Training registrations be granted. Motion carried.

ENGINEER-IN-TRAINING

372	Allen, F. Grant	385	Hoopes, Jay Nat
373	Baron, Robert Van Buren	379	Humphrey, Robert Judd
374	Butler, Thomas A.	380	Jacobson, Norman B.
375	Durbin, Clifford F.	381	Lemberg, Milton B.
376	Glancy, John James	382	Lyon, Thomas Edward
377	Glancy, Michael Owen	383	Peterson, Harlow Ross
378	Hardt, August V., Jr.	384	Woodruff, David H.

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

- I. Applicants apparently having met all requirements of this Board which shall be confirmed by a personal audience and are to be so held for such audience:

ARCHITECTURE

Olson, Harry H., Jr.	63-493	Weaver	
Oravec, Joseph G.	63-550	Young	
Peabody, Arthur Walter	63-307	Young	
Pieper, Norbert Wells	63-494	Weaver	1 reference
Ross, William Nixon	63-558	Young	
Thliveris, Tom Andre	63-519	Weaver	
Walker, Bruce Morris	63-565	Young	
Wendell, Wallace A.	63-318	Young	

CIVIL ENGINEERING

Beerman, Paul	63-524	Girand
Dauchy, Frederick Burr	63-504	Royden
Deardorff, Harry Floyd	63-329	Royden
Dufficy, Maurice John	63-490	Stufflebean
Evans, Neil William	63-531	Dryden
Furman, Walter J.	63-335	Girand
Greer, Lacy Camp	63-510	Dryden
Hanson, Charles Willard	63-512	Girand
Hirsch, Lawrence	63-491	Girand
Hsia, Edward Shih-Tong	63-534	Dryden

Lederman, William Earl	63-345	Stufflebean
Lord, Frank Greenwood	63-542	Dryden
Ohsiek, Leroy Edward	63-548	Girand
Scarola, John Anthony	63-495	Girand
Scherer, Joseph Louis, Jr.	63-496	Dryden
Wright, John Rodney	63-521	Royden

ELECTRICAL ENGINEERING

Halacsy, Andrew Alexander	63-366	Matsch
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MECHANICAL ENGINEERING

Bartlett, Lloyd William	63-372	Royden
Kircher, Lawrence G.	63-513	Stufflebean
Leibowitz, Herman	63-492	Stufflebean

STRUCTURAL ENGINEERING

Birnbaum, Eugene David	63-500	Royden
Blaylock, Albert John	63-501	Matsch
Borgman, John Richard	63-526	Herreras
Thomas, David Robertson	63-400	Shell

LAND SURVEYING

Greer, Lacy Camp	63-511	Dryden
McNeill, Thomas Benjamin	63-515	Dryden

It was moved by Mr. Girand and seconded by Mr. Weaver that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the personal audience before professional registration. Motion carried.

II. Applicants apparently having met all the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held:

ARCHITECTURE

Matthews, Wesley Murray	63-516	Young
Sarmiento, Wenceslao Alfonso	63-313	Weaver

It was moved by Mr. Royden and seconded by Mr. Herreras that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the comprehensive oral examinations and personal audience before professional registration. Motion carried.

III. Applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency:

ARCHITECTURE

Cipolla, Caesar Edward	63-529	Young	C, D, E, F, G, H, I
Coley, Bobby Ray	63-487	Weaver	C, F, I
Duffy, John Lawrence	63-505	Young	C, D, E, F, G, H, I
Parsons, Howard Scott, Jr.	63-551	Young	E
Soleri, Paolo	63-314	Weaver	F, G, H, I
Wallace, Duane H.	63-520	Weaver	C, D, E, F, G, H, I

CIVIL ENGINEERING

Adams, Donald Jordan	63-482	Dryden	Parts I, II, III, IV
Fraivillig, Leonard M., Jr.	63-506	Dryden	Parts III & IV
Hebert, Glenn L.	62-217	Shell	Parts III & IV
Kistenmacher, George Glen	63-514	Royden	Part IV
Randall, Bud Carlisle	63-554	Shell	Parts I, II, III, IV
Sanders, Lyle David, Jr.	63-354	Stufflebean	Parts III & IV
Steele, James Reece	63-562	Stufflebean	Parts III & IV
Stewart, John McLeod, Jr.	63-563	Royden	Parts III & IV
Webster, James Irving	63-362	Stufflebean	Part III
Williamson, Douglas James	63-567	Stufflebean	Parts III & IV

ELECTRICAL ENGINEERING

Campbell, Jeff Clark	63-486	Matsch	Part IV
Henning, Eugene William	63-367	Matsch	Part IV
Randal, William Ernest	63-518	Matsch	Part IV

MECHANICAL ENGINEERING

Buescher, Charles Louis	63-502	Stufflebean	Parts I, II, III, IV
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STRUCTURAL ENGINEERING

Brown, Karl Binkley	63-528	Shell	Parts I, II, III, IV, V, VI
McCormick, Thomas Allen	63-398	Shell	Parts V & VI
Murchison, Jack Hale	63-517	Matsch	Parts I, II, III, IV, V, VI
Recchio, Donald Anthony	63-555	Herreras	Parts V & VI

GEOLOGY

Caviness, Clyde Roy	63-403	Shell	Parts I, II, III, IV
Metz, Robert Allen	63-406	Shell	Parts III & IV
Warnock, George Forrester	63-410	Shell	Parts III & IV

LAND SURVEYING

Adams, Donald Jordan	63-483	Dryden	Parts I, II, III, IV
Fraivillig, Leonard M., Jr.	63-507	Dryden	Parts III & IV
Ward, Robert Donald	63-281	Dryden	Parts I, II, III, IV
Wold, Russell D.	63-568	Dryden	Parts I, II, III, IV
Yowell, Thomas Alfred	63-499	Dryden	Parts I, II, III, IV

It was moved by Mr. Weaver and seconded by Mr. Stufflebean that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to demonstrate their proficiency in the professional examination indicated. Motion carried.

- IV. Applicants whose records are incomplete and require additional information before they can be held for the action indicated after their names:

CIVIL ENGINEERING

Craddock, James Berry	63-503	Girand	Reconsideration
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MECHANICAL ENGINEERING

McDowell, James Homer	63-381	Matsch	Reconsideration
Stapleton, Herbert N.	63-560	Shell	Reconsideration

ASSAYING

Wright, Wilbur D. 63-498 Matsch Reconsideration

LAND SURVEYING

Bennett, Paul Hoff 63-525 Dryden Reconsideration

It was moved by Mr. Royden and seconded by Dr. Matsch that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the requirements so indicated before professional registration. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Dryden that the following applicants for professional registration are denied without prejudice at their request and without refunds. Motion carried.

CIVIL ENGINEERING

Birckhead, Robert William 63-322

LAND SURVEYING

Parker, William Forrest, Jr. 63-419

It was moved by Mr. Dryden and seconded by Mr. Weaver that the following applicants who have now completed the written examination be held for personal audience before professional registration. Motion carried.

ARCHITECTURE

63-60 Gadbery, Donald R.
63-312 Risser, James A.
62-190 Sutterley, Edmund, Jr.
62-210 Willoughby, Rex E.

CIVIL ENGINEERING

63-320 Beckwith, George H.
63-8 Bedenkop, Dale V.
63-14 Brady, Corwin R.
60-9 Corley, Vaughn S.
63-328 Dashney, Gary A.
63-330 Dombrowski, Leon A., Jr.
63-334 Freise, Raymond W.
63-336 Hazelwood, Herbert Bob
63-339 Hipkind, John W.
61-47 Kirby, Earl O.
62-102 Lamb, Lawrence G.
62-104 Lathrop, Francis H.
63-347 McDermed, Glen C.
62-126 Mendenhall, Wesley S., Jr.
62-128 Michaels, Gus R., Jr.
63-126 Miller, James Robert
62-132 Montano, Manuel T.
62-141 Murphy, Richard I.
62-150 Osborn, Herbert B.
62-152 Overacker, George R.
62-153 Parke, Robin E.
61-81 Place, Kenneth M.

59-24 Rochin, Mario A.
 62-181 Sloan, Dean E.
 60-49 Vance, George C.
 62-199 Voelker, Edward D., Jr.
 63-173 Williams, Richard B.

ELECTRICAL ENGINEERING

63-24 Carlson, Norman L.
 63-49 Edwards, Edwin D.
 63-68 Goldman, Wirt
 63-74 Hall, Cecil Adron
 63-91 Johnston, Robert H.
 63-247 Knight, Donald O.
 63-369 McDaniels, Russel R.
 63-148 Shaffer, Donald K.

MECHANICAL ENGINEERING

63-371 Barnett, David L.
 62-19 Berge, Craig
 60-5 Bogner, Robert L.
 63-374 Chadbourne, Lester E.
 63-375 Conway, Daniel M.
 63-45 Drain, Bob R.
 61-26 Enfield, Stuart A.
 62-81 Howard, Robert G.
 61-50 Koupal, Jerome R.
 63-380 Letson, Richard A.
 63-199 Martin, Richard F.
 63-382 Minshall, Bert J.
 63-38 Stringham, George W.
 60-45 Sybert, Warren M.
 63-389 Timmerman, George H.

STRUCTURAL ENGINEERING

62-31 Carey, William B.
 63-396 Gervasio, Joseph A.
 63-397 Hipskind, John W.
 62-215 Wold, Max P.

GEOLOGY

62-122 Lewis, Ezra H.

LAND SURVEYING

63-192 Gant, Travis Lee
 60-22 Jones, Raymond Lee
 60-42 Shirley, William B.
 63-155 Swafford, Walter Linden

It was moved by Mr. Royden and seconded by Mr. Dryden that the following in-training applicants having passed the written examination be granted in-training registration upon receipt of transcript. Motion carried.

ENGINEER-IN-TRAINING

63-448	Arthachinta, Thavorn	63-465	Hall, Philip L.
63-2	Atonna, Peter	63-457	Jones, Fred G.
63-435	Briggs, Larry L.	63-480	Jones, Robert R.
63-26	Carson, Kit P.	63-454	Judd, A. James
63-27	Carter, Glenn D.	62-96	Knapp, John D.
63-28	Cashin, James A.	63-97	Kole, Charles P.
63-472	Christensen, Grant S.	60-27	Lizardi, Joe H.
63-423	Christianson, George E.	63-476	McFadden, James P.
63-469	Cornell, David M.	63-468	McMillan, Douglas B.
63-455	Cox, James M.	63-461	Meador, Travis Lee
63-456	Curtis, Evan H.	63-450	Niegocki, Fred Stanley
63-470	Denham, Robert F.	63-140	Pierson, R. K.
62-47	DeVore, James C.	63-458	Rice, Robert R.
63-441	Dudley, Walter	63-481	Rodgers, Charles A., Jr.
63-53	Ellis, Robert Lynn	63-156	Swartz, Reginald
63-478	Goss, C. Bernard, Jr.	63-157	Tang, Roland

62-191	Terrell, Malcolm C.	63-453	White, O'Mara, Jr.
63-474	Treadwell, Donald Duncan	63-174	Willow, James Hayes
63-464	Uhl, Louis, Jr.	63-175	Wilson, Jerome Michael
63-452	Whitaker, James C.	63-471	Wilson, Paul E.
63-169	White, Billy P.	63-181	Young, Robert A.

ARCHITECT-IN-TRAINING

62-28	Burlini, Alfred H.	63-48	Edminster, Warren S.
63-33	Chann, Earl Kai	63-434	Goodwin, Michael Kemper
62-46	Devenney, Edman L.	63-119	McKenzie, Robert F.

GEOLOGIST-IN-TRAINING

63-285	Platt, Wallace S.
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It was moved by Mr. Royden and seconded by Mr. Girand that the following applicants be denied without refund for failure to appear or request excuses to the 1963 examinations. Motion carried.

ELECTRICAL ENGINEERING

MacDonald, John H.	58-12
Rodesney, Frank	61-89

STRUCTURAL ENGINEERING

Anderson, Alfred Bert, Jr.	62-4
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LAND SURVEYING

Hollister, David G.	61-123
Lassiter, Leonard Edward	56-19
McNutt, DeWitt Dean, Jr.	63-284

OLD BUSINESS

None.

NEW BUSINESS

Mr. Killingsworth appeared for Arizona Consulting Engineers Association and notes of his remarks covered out of agenda order.

The Board established the dates of the next regular meeting as Friday, March 13th and Saturday, March 14, 1964.

ADJOURNMENT

It was moved by Mr. Weaver and seconded by Mr. Herreras at 4:00 P.M. that the meeting be adjourned.

John Girand

THE MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
March 13, 1964

The meeting of the State Board of Technical Registration was called to order by Mr. Martin Ray Young, Jr., Chairman, in the Auditorium on the second floor of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 9:12 A.M. on Friday, March 13th.

All members were present.

It was moved by Mr. Girand and seconded by Dr. Shell that the minutes of the regular meeting of the Board on December 13, 1963, be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

Mr. Dryden and Mr. Young reported, for the information of the Board, on information forwarded to them by the technical societies regarding House Bill 238 and House Bill 252.

REPORT OF BY-LAWS AND RULES COMMITTEE

At 10:00 A.M., Chairman Young suspended the agenda to open the formal hearing on Rule II.B.9, "All in-training certificates shall expire eight years after issuance." Notice of this formal hearing was duly filed with the Secretary of State at least 20 days prior to this date. There were no visitors present to speak for or against the proposed rule.

Chairman Young called the meeting back to the agenda and requested discussion or motions on the proposed rule.

It was moved by Mr. Girand and seconded by Dr. Shell that Rule II.B.9, "All in-training certificates shall expire eight years after issuance", be adopted by the Board. Motion carried.

REPORT ON EXAMINATIONS

Dr. B. J. Shell reported for the Engineering Examination Committee on the progress made in the preparation by the Board of the April engineering, geological, and surveying examinations. He reported that numerous meetings had been held with registrants and other interested persons regarding these examinations and that the assistance of all members of the Board was desired.

Report on the architectural examinations submitted under NCARB Committee.

REPORT OF PUBLIC INFORMATION COMMITTEE

The Executive Secretary submitted to the Board for their information a sample letterhead of Alan Dailey and Associates and reported to the Board on the assistance of the Arizona State Department of Health in requiring registration of out-of-state engineers requesting approval of facilities by their department.

The Executive Secretary reported on the announcement in the Daily Engineering/Building Construction News regarding the minimum standards for architectural drawings. This announcement had brought heavy requests to the Board for copies of the standards.

"The Arizona State Board of Technical Registration recently approved a schedule of minimum standards for architectural drawings and specifications.

"While the standards are suggested minimums, it is believed, according to reliable sources, that they will be used as a guide in evaluating complaints received from architect's clients.

"The guide sets forth certain minimum details which will be required for architectural projects in three categories; (1) Residences up to 2,000 sq ft; (2) Residences over 2,000 sq ft, and commercial under \$25,000; (3) All other projects over \$25,000.

"A copy of the requirements is available from the State Board of Technical Registration, 408 Guaranty Bank Bldg, Phoenix, Arizona 85012."

REPORT OF N.C.A.R.B. COMMITTEE

Mr. Young reported on his attendance at the Western Conference of N.C.A.R.B. held in Portland, Oregon, on February 28th and 29th.

REPORT OF BUDGET COMMITTEE

The following report of the Executive Secretary regarding expenditures since the last Board meeting was discussed:

REPORT #8		DATE: March 1, 1964			
Balance on Deposit as of July 1, 1963 -		\$13,299.21	Appropriated		
Balance on Deposit as of Report Date -		\$15,665.41	receipts this		
			month - 4,346.55		
Code No.	Classification	Budget	Encumbered Since Report #7	Total Expended to date	Unencumbered Balance
110	Salaries	26,100.00	2,066.68	16,380.10	9,819.90
211	Postage	1,200.00	275.57	1,581.70	(381.70)
212	Telephone	750.00	74.20	684.49	65.51
220	Travel-State	1,400.00	188.15	1,845.30	(445.30)
230	Travel-Out of State	2,500.00	250.00	901.61	1,598.39
240	Prof. Services	5,000.00		3,799.01	1,200.99
262	Equip.-Maint.& Repairs	100.00	3.92	147.51	(47.51)
293	Janitor Services			31.25	(31.25)
295	Railway Express	30.00	1.25	1.25	28.75
296	Printing Annual Report	1,800.00			1,800.00
299	Miscellaneous		347.58	1,134.66	(1,134.66)
310	Supplies	3,000.00	252.55	3,557.92	(557.92)
390	Photographs		1.56	96.26	(96.26)

411	Rent-Office Equip.			287.00	(287.00)
413	Rent-Office	3,500.00	256.56	2,018.79	1,481.21
417	Rent-Other Offices	400.00	11.03	197.11	202.89
421	Bond-Officers	5.00		10.00	(5.00)
424	Insurance	100.00		133.34	(33.34)
425)	St. Ret.	1,500.00	147.26	801.26	698.74
427)	OASI				
430	Subscript.& Org. Dues	800.00		728.10	71.90
611	Office Equipment	2,000.00		80.75	1,919.25
931	Refunds	400.00		195.00	205.00
	TOTALS	50,585.00	3,876.31	34,512.41	16,072.59

The Board also discussed the cost for giving the examinations and its apparent out-of-pocket expenses.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the Executive Secretary be instructed to prepare a report of the Board's financial condition for the balance of the calendar year. The report, to be circularized to all members as soon as complete, would include schedule for estimated receipts and expenses in detail. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #1

Mr. Dryden submitted a report for consideration of the meeting of his committee held on January 23rd:

The meeting of Grievance Committee #1 was called to order at 1:30 P.M. on January 23, 1964, by C. W. Dryden, Committee Chairman. Members present were Mr. Dryden, Mr. Weaver and Mr. Young. John Girand and H. L. Royden were absent.

Charles C. Young - Plans were presented to the committee for a storage room addition to the Yuma County Court House, Yuma, Arizona, which indicated both that they were prepared by Charles C. Young, Designer, on one copy and sealed and signed by Robert Price Weatherford, Jr., Registered Architect 4574, on the other set. It was also noted that Charles C. Young listed himself in the 1963 Yuma telephone book as "Charles C. Young, Architect" but had changed this classification to "Charles C. Young, Designer" in the 1964 book. Further investigation indicated that the advertising in the telephone book was apparently placed by someone other than Mr. Young regarding the architectural classification and was changed by Mr. Young to designer. The committee decided that further discussion should be had to decide if action should be taken against Charles C. Young or Robert Price Weatherford, Jr.

Robert M. Paulsell, Cotrero Farms - The committee discussed at length the material available to it regarding the design of hydraulic channels and siphons by Robert M. Paulsell for Cotrero Farms. The committee members decided that this matter required further investigation at a later date in that now was not the appropriate time to take action.

REPORT OF GRIEVANCE COMMITTEE #2

A report by Mr. Herreras for Grievance Committee #2 indicated that the clipping forwarded to the Board by William Goldblatt, Architect, of Tucson, regarding a registrant was not sufficient information for any action by the Board.

REPORT OF SPECIAL COMMITTEES

The Chairman recognized Mr. Dwight Busby representing N.S.P.E. for his attendance at the meeting at this time.

Mr. Girand spoke of the continued need of the support of the Board by N.S.P.E. and the other organizations, particularly in the field of where engineering affects the health, welfare and safety of the residents of Arizona and where engineering design could cause loss of life during construction.

READING OF COMMUNICATIONS

Kansas Board of Registration - The Kansas Board forwarded a copy of their Statutes and Rules regarding registration of Architects and requested a copy of the Arizona Code.

Excerpts of the minutes of the Arizona Consulting Engineers Association were read regarding correspondence between the Board and the Association on matters reported to the Board:

"Three letters have been received from the Board of Technical Registration. One in regard to the Arizona Foundation of Structural and Soil Testing Engineering. The executive secretary of the Board, Mr. Walter J. Edelblut, Jr., stated that an investigation is in progress, which today has indicated that the formation of this association is legal. However, they are further investigating the work done by this association.

"Another letter applied to the El Tanque Bowling Lanes in Tucson. The letter stated that formal action by the Board has not been taken, but an investigation has been made.

"The third letter concerned Cortaro Farms. Full information was provided the Technical Registration Board regarding poor design on this particular work, and the Board is now fully investigating, has all the facts necessary, and according to a talk with Mr. Edelblut action will be taken on this matter."

American Congress on Surveying and Mapping - This letter was circularized to all Board members and Land Surveying organizations enclosing a tentative schedule recommended for use by any Land Surveying organization preparing State surveying rules.

The following resolution was received from the Arizona Section, A.C.S.M.:

RESOLUTION

PERTAINING TO PHOTOGRAMMETRY PROBLEMS APPEARING ON
THE OCTOBER, 1963 LAND SURVEYORS TECHNICAL REGISTRATION
EXAMINATION AND THE INCLUSION OF PHOTOGRAMMETRY PROBLEMS
ON FUTURE EXAMINATIONS

WHEREAS, the Executive Board has determined that several of the questions and problems relating to photogrammetry on the October, 1963 Land Surveyors examination were beyond the general scope of knowledge required in the field of Land Surveying.

WHEREAS, That Land Surveyors should be familiar with the properties and limitations of aerial photography and photogrammetric maps to insure proper use of these items.

NOW THEREFORE, BE IT RESOLVED, that, in the opinion of the Executive Board, Arizona Section, American Congress on Surveying and Mapping, the Land Surveyors examination continue to include questions and problems concerning photogrammetry and that they be confined to basic general knowledge of photogrammetric mapping and the use of aerial photographs.

BE IT FURTHER RESOLVED, that future problem subject matter could relate to: map accuracies to be expected at various scales, area and scale determination of aerial photography, and basic problems on parallax. Questions pertaining to plotter technique and principles should not be included as being beyond the scope of the Land Surveyor.

BE IT FURTHER RESOLVED, that the weight assigned to the photogrammetry portion of the examination be related to the importance of photogrammetry to land surveying, possibly 10%, at this time.

I, JAMES READ, Chairman of the Executive Board, Arizona Section, American Congress on Surveying and Mapping, do hereby certify that the forgoing is a true and correct copy and from the Minutes of the Executive Board, made in official session the 28th day of February, 1964.

IN WITNESS WHEREOF I HAVE hereunto set my hand this 28th day of February, 1964.

/s/ James O. Read
JAMES READ
Chairman

It was moved by Mr. Dryden and seconded by Mr. Girand that the resolution be acknowledged. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Young that the extension requested by Allan D. Halderman until the October, 1964, examination be granted. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Weaver that permission be granted to Ramon Martinez for the Colorado Board to monitor his April examinations. Motion carried.

A letter was read from Ben T. Bogard, Chairman of ECPD Committee, NCSBEE, requesting that the Board recommend a member or members to the ECPD Visitation Committee.

It was moved by Mr. Royden and seconded by Mr. Weaver that Dr. Shell be recommended to serve. Motion carried.

READING AND CONSIDERING OF APPLICATIONS

Ronald Wielgus appeared before the Board regarding reconsideration of his application for registration as Professional Architect. After Mr. Wielgus was thanked for his appearance and departed, the Board discussed his application in detail.

It was moved by Dr. Shell and seconded by Mr. Girand that Mr. Wielgus be granted registration after a satisfactory personal audience. Motion carried.

Gordon Torres Ronneberg appeared before the Board to present his request for reconsideration of his application as a Professional Architect. After Mr. Ronneberg departed, the Board reviewed his qualifications and their requirement that he complete certain portions of the examination.

It was moved by Mr. Weaver and seconded by Mr. Girand that Mr. Ronneberg should be required to pass written examinations D-Site Planning and H-Professional Administration as a requirement for professional registration. Motion carried.

Raymond W. Ceton appeared before the Board requesting reconsideration of his application denied on December 15, 1962. After Mr. Ceton had concluded his presentation, the Board reviewed its requirements of December 15, 1962, and determined that at that time, Mr. Ceton did not have sufficient experience of a character satisfactory to the Board as required by the Arizona Statutes and that the recommendation that three years of additional experience be obtained was in agreement with the findings.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that since Mr. Ceton had not met the experience requirements established by the Arizona Statutes, the denial of December 15, 1962, be re-affirmed. Motion carried.

John Lawrence Duffy requested reconsideration of the findings of the Board at their December, 1963, meeting in which Mr. Duffy was held for the full written NCARB equivalent examination. As Mr. Duffy had not in his letter or his original application certified that he was fully qualified to practice as required, it was moved by Mr. Weaver and seconded by Mr. Royden that the full NCARB equivalent examination requirement of December, 1963, be re-affirmed. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Stufflebean that the following registrations be granted. Motion carried.

ARCHITECTURE

5620 Flewelling, Ralph C.
 5621 Gadbery, Donald Ray
 5714 Gustavson, Dean Leonard
 5622 Matthews, Wesley Murray
 5623 Olson, Harry H., Jr.
 5624 Oravec, Joseph G.
 5709 Pieper, Norbert Wells
 5625 Risser, James Allen
 5626 Ross, William Nixon
 5627 Sarmiento, Wenceslao Alfonso
 5628 Stillwagh, Donald Murray
 5629 Sutterley, Edmund Leon, Jr.
 5630 Thliveris, Tom Andrew
 5631 Wendell, Wallace A.
 5632 Willoughby, Rex Edward

CIVIL ENGINEERING

5633 Beckwith, George Henry
 5634 Bedenkop, Dale Vinton
 5710 Beermann, Paul
 5635 Brady, Corwin Roger
 5636 Corley, Vaughn S.
 5637 Dashney, Gary Alvin
 5638 Dauchy, Frederick Burr
 5639 Dombrowski, Leon A., Jr.
 5640 Evans, Neil William
 5641 Freise, Raymond W.
 5642 Furman, Walter J.
 5643 Greer, Lacy Camp
 5644 Hanson, Charles Willard
 5645 Hazelwood, Herbert Bob
 5646 Hipskind, John Walter
 5647 Hirsch, Lawrence
 5711 Hsia, Edward Shih-Tong
 5648 Hurst, Ernest Gerald
 5649 Kirby, Earl O.
 5650 Lamb, Lawrence G.
 5651 Lathrop, Francis Henry
 5652 Lord, Frank Greenwood
 5653 McDermed, Glen Carvin
 5654 Mendenhall, Wesley Sanford, Jr.
 5655 Michaels, Gus R., Jr.
 5656 Miller, James Robert
 5657 Montano, Manuel T.
 5658 Murphy, Richard I.
 5659 Ohsiek, LeRoy Edward
 5712 Osborn, Herbert Bradley
 5660 Overacker, George R.

5661 Parke, Robin Eli
 5662 Place, Kenneth M.
 5663 Rochin, Mario A.
 5664 Scarola, John Anthony
 5665 Scherer, Joseph Louis, Jr.
 5666 Schnapp, Marvin D.
 5667 Sloan, Dean E.
 5668 Vance, George C.
 5669 Voelker, Edward Dick, Jr.
 5670 Williams, Richard B.
 5671 Wright, John Rodney

ELECTRICAL ENGINEERING

5672 Carlson, Norman Lennie
 5673 Edwards, Edwin Dale
 5674 Goldman, Wenston Wirt
 5675 Halacsy, Andrew Alexander
 5676 Hall, Cecil Adron
 5677 Johnston, Robert Holbrook
 5678 Knight, Donald Orlin
 5679 McDaniels, Russell Robin
 5680 Shaffer, Donald Keith

MECHANICAL ENGINEERING

5681 Barnett, David Lee
 5682 Bartlett, Lloyd William
 5683 Berge, Craig M.
 5684 Bogner, Robert L.
 5685 Chadbourne, Lester Everett
 5686 Conway, Daniel Mathew
 5687 Drain, Bob Ray
 5688 Howard, Robert Grant
 5689 Kircher, Lawrence G.
 5690 Koupal, Jerome Robert
 5691 Letson, Richard Alan
 5692 Martin, Richard Frank
 5693 Minshall, Bert James
 5694 Moody, Charles Wedgwood
 5695 Stringham, George William
 5696 Sybert, Warren M.
 5697 Timmerman, George Harry

STRUCTURAL ENGINEERING

5698 Blaylock, Albert John
 5699 Carey, William Baldwin
 5700 Gervasio, Joseph Amedeo
 5701 Hipskind, John Walter
 5702 Wold, Max Preston

LAND SURVEYING

5703 Gant, Travis Lee
 5704 Greer, Lacy Camp
 5713 Jones, Raymond Lee
 5705 Shirley, William B.
 5706 Swafford, Walter Linden

GEOLOGY

5707 Lewis, Ezra Harold
 5708 Ruff, Arthur Ward

ARCHITECT-IN-TRAINING

41 Burlini, Alfred Hugo
 42 Chann, Earl Kai
 43 Devenney, Edman L.
 44 Edminster, Warren G.
 45 Goodwin, Michael Kemper
 46 McKenzie, Robert Francis

ENGINEER-IN-TRAINING

386 Arthachinta, Thavorn
 387 Atonna, Peter Guy
 424 Barton, Gail V.
 425 Briggs, Larry L.
 388 Carter, Glenn D.
 389 Cashin, James Anthony
 390 Christensen, Grant S.
 391 Christianson, George E.
 392 Cornell, David Morgan
 393 Crum, Robert S.
 426 Dail, Vernon James
 394 Davis, Dwight Wayne
 395 DeVore, James C.

396 Draper, George L.
 397 Dudley, Walter Figot
 398 Ellis, Robert Lynn
 399 Gass, C. Bernard, Jr.
 400 George, Oscar Lamar, Jr.
 430 Goshia, Peter Oliver
 401 Hermann, August Joseph
 402 Hess, David William
 403 Jones, Fred G.
 404 Jones, Robert Raymond
 405 Judd, A. James
 406 Kawamura, Hiroshi
 407 Knapp, John D.
 408 Kole, Charles P.
 409 Lizardi, Joe Haro
 410 MacDonald, John H.
 411 Magee, Darel Gene
 412 Meador, Travis Lee
 413 Munding, Thomas M.
 414 Pierson, Richard Kelley
 415 Schopper, Melvin R.
 416 Scussel, James Thomas
 417 Sumegi, Robert B.
 418 Swartz, Reginald
 419 Tang, Roland
 429 Tellis, Don Otis
 427 Terrell, Malcolm C.
 428 White, Billy P.
 420 Willow, James Hayes
 421 Wilson, Paul E.
 422 Wise, Judith Jane
 423 Young, Robert A.

GEOLOGIST-IN-TRAINING

11 Balla, John C.
 12 Platt, Wallace Simmons

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

- I. Applicants apparently having met all requirements of this Board which shall be confirmed by a personal audience and are to be so held for such audience:

ARCHITECTURE

Annand, John Davis	64-22	Young	
Frantz, Randolph	64-7	Young	
Gustavson, Dean Leonard	64-43	Young	(P.A. held 2/28)
Peterson, John Richard	63-552	Young	
Shannon, William Ray, Jr.	64-13	Young	

CIVIL ENGINEERING

Benham, David Blair	64-79	Shell	
Britain, Kenneth Edward	63-527	Shell	
Brudin, John Bruce	63-485	Girand	
Clark, Kenneth Miles	63-488	Girand	
Craddock, James Berry	63-503	Girand	
Erickson, John R.	64-78	Girand	
Fry, Roger Grattan	63-508	Girand	
Hiller, Vernon Thomas	63-569	Dryden	
King, Claude Evans	63-538	Dryden	1 reference
Kornman, Paul E.	64-10	Stufflebean	
Newman, Charles Warren	63-547	Girand	
Norris, Max Leroy	63-570	Royden	
Olsen, Elliot B.	63-549	Royden	
Pearson, Harry McVicar	64-12	Stufflebean	
Pugh, Clifford A.	64-64	Girand	
Richards, Kenneth Eugene	63-556	Dryden	
Stragier, Marcel Garthwaite	64-15	Stufflebean	
Tang, Jack Chue	63-564	Dryden	
West, Charles Paterson	64-19	Royden	
Williamson, Douglas James	63-567	Stufflebean	

ELECTRICAL ENGINEERING

Graham, John Marshall	64-52	Matsch
Hyland, Edward J.	64-55	Matsch
Kaneko, George Shinichiro	63-536	Matsch

MECHANICAL ENGINEERING

Aronovsky, George N.	63-522	Girand
Aufmuth, Raymond Berton	64-23	Stufflebean
Campbell, Vance Dodson	64-3	Shell
Falk, David Sidney	64-24	Girand

MINING ENGINEERING

Elgin, Robert Anderson	64-5	Shell
Millar, Albert E.	63-544	Shell

AGRICULTURAL ENGINEERING

Stapleton, Herbert N.	63-560	Shell
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GEOLOGY

Stuart, W. Harold	64-68	Shell
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LAND SURVEYING

Richards, Kenneth Eugene	63-557	Dryden
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It was moved by Mr. Herreras and seconded by Dr. Shell that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the personal audience before professional registration. Motion carried.

- II. Applicants apparently having met all the requirements of this Board which shall be confirmed by a comprehensive oral examination and personal audience and are to be so held:

ARCHITECTURE

Ginner, John J.	63-297	Weaver
More, Donald Hallett	63-545	Weaver
Rapp, James Roy	63-188	Weaver
Staten, George Cowden, Jr.	63-561	Herrerias

INDUSTRIAL ENGINEERING

Shaw, Vaughn Cortner	64-14	Shell
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LAND SURVEYING

Bennett, Paul Hoff	63-525	Dryden
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It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the comprehensive oral examinations and personal audience before professional registration. Motion carried.

- III. Applicants whose records indicate written evidence of proficiency for professional registration is required and are to be held for the professional examination indicated to demonstrate such proficiency:

ARCHITECTURE

Blair, Billy Joe	63-571	Weaver	D, E, H
Boehning, Joseph Frederick	64-37	Weaver	E, G
Cramer, Donald Harvey	64-4	Herrerias	C,D,E,F,G,H,I
Devenney, Edman Louis	64-83	Weaver	D, E, F, H
Edminster, Warren George	64-51	Young	D, E, F, H
Eley, William Russell	64-41	Weaver	C, D, E, F, H
Haley, Edward Anthony	63-533	Young	H
Jakob, John Herman	64-81	Weaver	C, D, G
Judd, Larry Dea	64-56	Weaver	D, E, F, H, I
Krauss, Karl Frederick, Jr.	63-541	Weaver	D, G, H, I
Sutton, Michael Hall	64-69	Weaver	D, E, F, H
Wall, Thomas	64-17	Young	D, E, F, H
Walling, Craig Dexter, Jr.	64-18	Herrerias	C,D,E,F,G,H,I

CIVIL ENGINEERING

Delaney, John Leo	63-489	Girand	Parts III & IV
Duncan, Hubert Anthony	64-6	Royden	Parts I,II,III,IV
Gilbert, Andrew J.	64-8	Royden	Parts III & IV
Hardin, Jeff Donald	64-45	Stufflebean	Parts I,III,IV
Haupt, Charles Andrew	64-54	Girand	Parts III & IV
Johnson, Burgh Rutledge	64-27	Dryden	Parts I,II,III,IV
Krussman, H. W.	64-29	Dryden	Parts III & IV
Longfellow, Henry Wadsworth	64-11	Dryden	Parts III & IV
Milks, Donald Earle	63-543	Stufflebean	Parts III & IV
Peterson, Milford Kenneth	63-553	Shell	Part IV

Ritchie, DeVere, Jr.	64-67	Girand	Parts III & IV
Stadelman, Joseph R.	64-85	Girand	Parts III & IV
Van Gelder, William George	64-74	Stufflebean	Parts III & IV
Whittlesey, Gerald Blair	64-77	Stufflebean	Parts III & IV
Womack, Luther Dale	64-76	Girand	Parts III & IV

ELECTRICAL ENGINEERING

Brierley, William Robert	64-38	Matsch	Parts III & IV
Dekle, Carroll Liles	64-50	Matsch	Parts I, II, III, IV
Glass, Tomas J.	64-26	Matsch	Parts III & IV
Jones, Robert Leonard	64-28	Matsch	Parts III & IV
Knapp, John Davis	63-539	Matsch	Parts III & IV
Kohnen, Robert E.	63-540	Matsch	Parts III & IV
Lundmark, George Edward	64-58	Matsch	Parts III & IV
Meltvedt, Arthur M.	64-61	Matsch	Parts III & IV
Vaughn, Marvin Jack	63-497	Matsch	Parts III & IV

MECHANICAL ENGINEERING

Billings, Carl Henry	64-2	Dryden	Parts III & IV
Hall, Roger Edward	64-53	Girand	Parts I, II, III, IV
Kilcullen, William Joseph	63-537	Stufflebean	Parts III & IV
Pierson, Richard Kelley	64-32	Royden	Parts III & IV

STRUCTURAL ENGINEERING

Carrillo, Tom	64-39	Herrerias	Parts V & VI
Fulgenzi, John Alfred	64-25	Girand	Parts III, IV, V, VI
Glaser, Carl Leo	63-532	Shell	Parts V & VI
Goessmann, William John, Jr.	63-509	Shell	Parts V & VI
Norris, Jan A.	64-31	Herrerias	Parts V & VI
Parke, Robin Eli	64-82	Girand	Parts V & VI
Young, Robert Andrew	64-84	Girand	Parts III, IV, V, VI

MINING ENGINEERING

Coolbaugh, Melville James	63-530	Shell	Parts III & IV
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ASSAYING

Wright, Wilbur D.	63-498	Matsch	Parts I & II
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LAND SURVEYING

Preble, Charles Graham	62-221	Dryden	Parts III & IV
Rountree, J. W. Kent	63-559	Dryden	Parts I, II, III, IV

GEOLOGY

Jones, Melvin H.	63-535	Shell	Parts III & IV
Youell, James Robert	64-21	Shell	Parts I, II, III, IV

It was moved by Mr. Girand and seconded by Mr. Herrerias that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to demonstrate their proficiency in the professional examination indicated. Motion carried.

- IV. Applicants who are to be held in abeyance for the action indicated after their names:

ARCHITECTURE

Denny, Thomas Patterson	64-40	Weaver	Fall exam, D, E, F, H
Thompson, James Grannis	64-71	Weaver	Fall exam, full

CIVIL ENGINEERING
Lizardi, Joe Haro64-57 Girand Fall exam, Parts
III & IV

It was moved by Mr. Girand and seconded by Mr. Herreras that the above findings of the individual Board members as presented to the Board be affirmed and the applicants required to complete the requirements so indicated before professional registration. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Dryden that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated. Carried unanimously.

ARCHITECTURE

Barnes, George Edward, Jr.	63-523	Weaver	\$10.00	1½ yrs. exp.
Greene, Richard Max	64-80	Weaver	\$10.00	1 yr. exp.

CIVIL ENGINEERING

Wiley Thomas A.	63-566	Shell	\$10.00	
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ELECTRICAL ENGINEERING

Mauldin, Everett Aldrich	64-60	Matsch	\$10.00	2 yrs. exp.
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MECHANICAL ENGINEERING

Allen, Terry S.	63-484	Shell	\$10.00	1 yr. exp.
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It was moved by Mr. Herreras and seconded by Dr. Shell that the following applicants for professional registration are denied without prejudice at their request and without refunds. Motion carried.

ARCHITECTURE

Brelsford, Aubry Baumgart	63-288			
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CIVIL ENGINEERING

Sanders, Lyle David, Jr.	63-354			
Steele, James Reece	63-562			

STRUCTURAL ENGINEERING

Recchio, Donald Anthony	63-555			
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MECHANICAL ENGINEERING

Taylor, Robert L.	63-388			
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It was moved by Mr. Herreras and seconded by Mr. Girand that the following applicants be denied for failure to complete the requirements of the Board within a reasonable length of time. Motion carried.

ARCHITECTURE

Bond, William W., Jr.	63-201			
Collins, Sydney Jack	63-203			
DuPertuis, Henry, Jr.	63-204			
Fitzgibbon, James Walter	62-55			
Killebrew, James Robert	62-231			
Lorance, Bernard Wayne	63-209			
Lundgren, Leonard John	61-124			
Reed, William Richard	63-214			

CIVIL ENGINEERING

Lewin, Joseph David	63-42
Whitworth, Joseph Michael	63-243
Wilson, Walter D.	62-213

STRUCTURAL ENGINEERING

Fickel, Hans Heinz	63-58
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MINING ENGINEERING

Kuck, David Laird	62-99
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LAND SURVEYING

Psomas, George R.	56-18
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GEOLOGY

Gribbs, Richard E.	61-20
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UNFINISHED BUSINESS

None.

NEW BUSINESS

Mr. Dryden reported on the demise of the following registered engineers: R. Gail Baker, C. S. Benson, Sid Smith.

It was moved by Mr. Girand and seconded by Mr. Royden that a full refund of the renewal fee for 1964 be paid to the estate of Robert M. Gammell. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Girand that Dr. Shell be appointed to attend the Western Zone meeting of Engineering Registration Boards on April 17th and 18th in Denver. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Herreras that Chairman Young and Mr. Weaver be appointed to attend the N.C.A.R.B. meeting in St. Louis, Missouri, on June 11th, 12th and 13th. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Stufflebean that the Executive Secretary provide the members of the Board with certificates of insurance coverage regarding liability. Motion carried.

It was moved by Mr. Dryden and seconded by Dean Matsch that the next meeting of the Board of Technical Registration be held on June 25, 26, and 27, 1964, in Flagstaff, Arizona. Motion carried.

ADJOURNMENT

There being no further business, the meeting adjourned at 4:30 P.M.

John Girand

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
June 25, 26, 1964

The meeting of the State Board of Technical Registration was called to order by Mr. John H. Stufflebean, Vice-Chairman, in Room 208, Business Administration Building, Arizona State College, Flagstaff, Arizona, at 1:15 P.M., June 25th.

PRESENT

- John H. Stufflebean, Vice-Chairman
- John Girand, Secretary
- C. W. Dryden
- E. D. Herreras
- L. W. Matsch
- H. L. Royden
- Billy Joe Shell
- Frederick P. Weaver
- Jerry Lawson, Asst. Attorney General

ABSENT

- Martin Ray Young, Jr., Chairman

It was moved by Mr. Herreras and seconded by Mr. Girand that the minutes of the meeting of the Board on March 13, 1964, be approved as written and presented. Motion carried.

REPORT OF THE EXECUTIVE COMMITTEE

(Entire Board) No meetings were held during the intervening period since the March meeting and there was nothing presented to the Board for discussion at this time.

REPORT OF RULES AND BY LAWS COMMITTEE

(Weaver, Girand, Dryden, Herreras) Mr. Dryden proposed the following change to the Rules of the Board:

RULE IV. SEALS AND IDENTIFYING MARKERS FOR REGISTRANTS

1. Description of Seals - no change
2. Use of Seals - no change
3. Seals, Securing - no change
4. Identifying Markers, Securing

Registered Land Surveyors and registered Professional Engineers, when engaged in land surveying, shall secure at their own expense, non-ferrous tags, caps or embossed nails which shall show the registrant's Arizona Registration Number as issued by the State Board of Technical Registration and each registration number shall be preceded by the letters L.S. or P.E. respectively, as the case may be.

5. Use of Identifying Markers

Registered Land Surveyors and registered Professional Engineers, when engaged in land surveying, shall securely attach one identifying marker to every permanent survey control point set during the practice of surveying tracts of land for the determination of their correct locations.

It was moved by Mr. Dryden and seconded by Mr. Girand that the above rule change be published and a formal hearing be held for adoption at 10:00 A.M., September 11, 1964. Motion carried.

REPORT ON EXAMINATIONS.

(Engineer - Shell, Matsch, Dryden; Architect - Young, Weaver, Herreras)
Mr. Weaver reported that it was proposed that the Architectural applicants be given the same examination on the same dates as the N.C.A.R.B. Western Conference. These dates are tentatively December 19th through December 22nd for the next examination. By adopting the Western Conference examinations, the Board would insure that their applicants receive the same examinations as the States of Alaska, California, Colorado, Hawaii, Idaho, Nevada, Oregon, Utah and Washington.

It was moved by Mr. Weaver and seconded by Mr. Herreras that the above report of the Architectural Examination Committee be accepted. Motion carried.

Dr. Shell spoke on the use of the Engineer-in-Training examination by the United States Government in lieu of the previously given Civil Service examination. His recommendations were that candidates through the Civil Service for E.I.T. certification be required to complete the requirements established by the Board.

It was moved by Dr. Shell and seconded by Mr. Dryden that the Engineering Examination Committee report be accepted. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Girand that the following Architectural and Architect-in-Training grades of the April examinations be accepted. Motion carried.

It was moved by Mr. Herreras and seconded by Mr. Royden that applicants for registration as Professional Architect who have completed their examinations and apparently having met all requirements of this Board be held for a personal audience. Motion carried.

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Prof. Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
62-3	Amarantides, John	P	P	P	F	P	P	P	
59-2	Amin, Kamal	P	P	178	F	P	76	P	E, H
63-5	*Barstad, Alden William	80	85	P	P	P	P	P	C, D
62-20	Birtch, Dale Ray	P	P	F	P	P	P	P	
63-290	Brown, Gordon Vallance	P	F	F	P	F	P	P	
60-8	*Campbell, Dale H.	P	P	150	P	P	P	P	E
63-529	Cipolla, Caesar Edward	F	F	F	F	F	F	F	
63-292	Clark, Gerald LaMont	F	P	172	F	P	P	P	E
63-36	Cole, Theodore Dow	F	P	F	P	F	P	82	I
63-487	*Coley, Bobby Ray	84	Ex	Ex	85	Ex	Ex	81	C, F, I
62-42	*Cruthis, James Hall	P	P	P	76	P	P	P	F
64-83	*Devenney, Edman Louis	P	82	152	77	P	85	P	D, E, F, H
60-11	Dodge, David Elgin	P	P	F	F	P	P	P	
63-294	Edgar, Wesley Dewey	P	75	P	F	P	P	P	D
64-51	Edminster, Warren George	P	F	170	F	P	86	P	E, H
64-42	Eley, William Russell	76	F	F	F	P	85	P	C, H
63-295	Engelhardt, William R.	Ex	80	P	Ex	F	92	Ex	D, H
59-14	Fellows, Rushia Glen	F	P	P	F	F	P	P	
63-296	Fiakas, James Gust	F	F	P	Ex	F	P	Ex	
63-334	Freedlund, Lawrence H.	F	P	P	P	P	P	P	
63-533	*Haley, Edward Anthony	Ex	Ex	Ex	Ex	Ex	85	Ex	H
63-76	Hamilton, John Stewart Marshall	80	F	P	F	P	P	P	C
62-218	Herberger, Gary Kierland	P	F	P	P	P	P	P	

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Prof. Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
64-81	Jakob, John Herman	85	F	Ex	Ex	F	Ex	Ex	C
63-298	*Jette, William Ogilvie	P	P	P	78	P	P	P	F
64-56	Judd, Larry Dea	P	76	F	F	P	81	76	D, H, I
61-67	Martino, Dom	P	P	F	P	F	P	F	
63-303	Mather, Patrick John Charles	P	F	F	P	P	P	P	
62-143	Newberg, Victor Eric	Ex	F	Ex	P	Ex	P	Ex	
56-14	Olson, Herbert M.	F	P	P	P	F	P	P	
63-551	*Parsons, Howard Scott, Jr.	P	P	152	P	P	P	P	E
63-306	Paul, Alan Victor	F	78	157	F	P	P	P	D, E
63-309	Poage, Richard Barclay	P	P	175	F	P	P	P	E
62-166	Rankin, William Potter	P	P	180	F	P	P	P	E
61-88	Rice Harry	P	P	P	P	F	P	P	
58-18	Richey, John H.	P	P	150	P	F	P	P	E
62-238	Ronneberg, Gordon Torres	Ex	F	Ex	Ex	Ex	81	P	H
63-315	Starr, Edward Luroy	75	75	159	F	F	P	75	C, D, E, I
63-224	Stuart, Alexander	F	P	P	80	78	P	P	F, G
64-69	Sutton, Michael Hall	P	F	158	F	P	F	P	E
61-101	Tang, Andrew	P	P	150	F	P	P	P	E
55-1	*Thompson, Kenneth Charles	P	75	150	P	P	P	P	D, E
63-317	Wagner, Edgar Otto	P	P	P	F	F	P	P	
64-17	*Wall, Thomas	P	75	158	75	P	88	P	D, E, F, H
64-18	Walling, Craig Dexter, Jr.	F	78	162	F	F	85	77	D, E, H, I
62-200	Walser, Daniel James	Ex	Ex	F	F	Ex	Ex	P	

No.	Name	History & Theory	Site Planning	Architectural Design	Building Construction	Structural Design	Prof. Administration	Building Equipment	Passed
		C	D	E	F	G	H	I	
61-112	*Witner, James E.	P	75	P	P	P	P	P	D
63-177	Witte, Willard Walter	F	78	P	P	F	P	P	D
ARCHITECT-IN-TRAINING									
63-10	Billingsley, Leroy Campbell	F				P		80	I
63-424	Brown, John E.	F				77		P	G
63-431	*Caviness, Richard A.	79				P		P	C
63-432	Gilleland, Joseph E., III	75				F		P	C
63-433	Hunt, David N.	F				F		78	I
63-442	Lakin, James M.	F				P		P	
63-429	*Logan, Donn	84				P		P	C
63-132	*Norling, Kenneth Ronald	75				P		76	C, I
63-144	Ryan, Grover E.	83				F		P	C
63-445	Sams, Roger L.	F				P		P	
61-104	Turek, Robert L.	F				P		P	

ARCHITECT-IN-TRAINING

Under New Rules

A.I.T. Examination

64-4 White, Byron G.

F

It was moved by Mr. Weaver and seconded by Mr. Herreras that the Engineering, Geology, Land Surveying, Assaying, and Engineer-in-Training grades of the April examinations be accepted. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Weaver that applicants for registration as Professional Engineers, Geologists, Land Surveyors and Assayers who have completed their examination and apparently have met all requirements of this Board be held for a personal audience. Motion carried.

CIVIL ENGINEERING

01594

No.	Name	1.	2.	3.	4.	Passed
63-3	*Baker, William Hugh	Ex	Ex	P	75	4
63-7	*Baruch, Richard Michael	Ex	Ex	78	P	3
62-234	*Budwig, Jerry L.	Ex	Ex	P	95	4
63-325	*Campbell, Donald Wilson	P	P	75	P	3
63-35	*Click, David E.	P	P	72	70	3, 4
63-38	*Condes de la Torre, Alberto	P	P	76	P	3
61-18	Copple, Raymond B.	Ex	Ex	F	P	
63-489	Delaney, John Leo	Ex	Ex	F	F	
64-6	Duncan, Hubert Anthony	74	70	Ext.	Ext.	1, 2
63-331	Duval, James Wesley	F	F	F	P	
62-51	Farrer, Robert Erle	F	F	F	P	
62-54	Findlay, Frank McRae	P	P	F	P	
63-506	Fraivillig, Leonard Martin, Jr.	Ex	Ex	70	F	3
61-30	Gentry, Scott Norman	Ex	Ex	F	DNA	
64-8	Gilbert, Andrew J.	P	P	F	F	
60-18	Gostinski, Leonard	F	F	F	P	
62-68	Gutierrez, Rosendo, Jr.	P	F	78	P	3
64-44	Hardin, Jeff Donald	70	P	70	F	1, 3
64-54	Haupt, Charles Andrew	Ex	Ex	F	F	
61-43	Hutchinson, Quinn L.	F	F	P	P	
63-342	Johnson, Robert Roland	F	F	F	P	
63-343	*Kaestner, Robert David	Ex	Ex	P	85	4
61-46	Kienitz, Robert D.	Ex	Ex	F	P	
61-55	*Loebs, T. L.	P.	P	P	85	4
63-117	McGlamery, Donald B.	70	P	F	P	1
62-122	Marshick, Allan Russell	P	P	F	P	
63-195	Martin, Charles Edgar	P	P	P	F	
63-543	*Milks, Donald Earle	Ex	Ex	73	80	3, 4

CIVIL ENGINEERING

01595

No.	Name	1.	2.	3.	4.	Passed
62-134	*Morgan, Donald Clifford	Ex	Ex	75	70	3, 4
63-546	Myers, Adelbert Austin	P	P	F	F	
63-196	Neeb, Lewis S.	P	P	F	P	
62-151	Osmus, Howard M.	Ex	Ex	F	P	
63-351	Pollock, Adrian Roy	P	P	P	F	
63-352	Quick, Bayard Rollin	Ex	Ex	F	Ex	
61-86	Ratermann, Mark J.	P	F	P	P	
64-67	Ritchie, DeVere, Jr.	Ex	Ex	F	F	
60-41	Roe, E. Chester	Ex	Ex	F	P	
63-353	*Runner, Harold Gale	P	P	72	75	3, 4
63-356	*Sizemore, Wayland Wagener	P	P	72	70	3, 4
62-182	*Smith, Boyd	P	P	82	P	3
61-96	Smith, Robert H.	F	F	F	P	
61-99	Soyster, George W.	F	F	F	P	
62-187	*Starck, William G.	P	P	70	P	3
63-358	*Stevens, Alfred Gene	Ex	Ex	P	80	4
63-563	Stewart, John McLeod, Jr.	P	P	F	75	4
63-359	*Tate, Donnie Lafayette	Ex	Ex	P	80	4
64-74	*van Gelder, William George	Ex	Ex	80	80	3, 4
63-361	Warner, Oliver Zieger, Jr.	P	P	F	F	
63-362	Webster, James Irving	Ex	Ex	F	Ex	
64-77	Whittlesey, Gerald Blair	P	P	F	70	4
62-208	Wigal, D. V.	P	P	P	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
62-114	Wolfe, Donald Rex	P	P	F	P	
64-76	Womack, Luther Dale	P	P	F	F	
62-216	Wright, Paul M.	Ex	Ex	F	75	4

ELECTRICAL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
64-38	*Brierley, William Robert	P	P	78	80	3, 4
63-272	Cuellar, Oscar Leon	Ex	Ex	F	F	
64-50	Dekle, Carroll Liles	F	F	F	F	
61-29	Garrod, Thomas W., Jr.	Ex	Ex	F	P	
64-26	Glass, Tomas J.	Ex	Ex	90	F	3
62-64	Gordon, Joseph P.	Ex	Ex	F	P	
62-67	Gross, Gerald	P	P	F	P	
63-367	*Henning, Eugene William	Ex	Ex	Ex	85	4
63-270	Jansen, Harry B.	Ex	Ex	Ex	F	
63-539	*Knapp, John Davis	Ex	Ex	90	70	3, 4
64-58	Lundmark, George Edward	Ex	Ex	F	F	
60-30	Martin, Lonnie D.	Ex	Ex	F	P	
64-61	Meltvedt, Arthur M.	P	P	F	F	
63-271	Oliver, John K., Jr.	F	F	F	78	4
63-187	*Reading, William Harvey, III	70	P	P	P	1
63-370	Tribby, Robert Philip	Ex	Ex	F	F	
63-497	Vaughn, Marvin Jack	Ex	Ex	F	F	
63-261	Young, W. Fred	Ex	Ex	Ex	F	

MECHANICAL ENGINEERING

64-2	Billings, Carl Henry	Ex	Ex	F	F	
63-373	*Cantral, Roy Glenn	Ex	Ex	P	70	4
63-273	Feldman, Elliot	DNP	DNP	F	F	
62-53	Festin, Glen Robert	Ex	Ex	P	F	
64-53	Hall, Roger Edward	F	F	F	F	
62-73	Harvey, James Robert	Ex	Ex	70	F	3
63-537	Kilcullen, William Joseph	Ex	Ex	F	F	
63-135	*Park, Arthur C.	Ex	Ex	Ex	70	4
63-383	*Schumacher, Mark Weida	81	72	70	75	1, 2, 3, 4

MECHANICAL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
61-93	Schweitzer, Frank W.	P	P	P	F	
63-384	Selby, Herbert Raymond, Jr.	Ex	Ex	85	F	3
63-170	*Widener, Vaughn Wendall	Ex	Ex	70	83	3, 4

MINING ENGINEERING

63-530	*Coolbaugh, Melville James	Ex	Ex	80	95	3, 4
62-111	Lewis, Ezra Harold	70	F	P	P	1

STRUCTURAL ENGINEERING

	1.	2.	3.	4.	5.	6.		
63-528	Brown, Karl Binkley	F	82	F	F	F	2	
63-394	*Buckmaster, B. Gail	Ex	Ex	Ex	75	P	P	4
63-395	*Corkran, Frank Larkin	Ex	Ex	70	P	P	P	3
64-25	Fulgenzi, John Alfred	Ex	Ex	F	F	75	F	5
63-532	Glaser, Carl Leo	Ex	Ex	Ex	Ex	F	F	
62-76	Hollman, Edgar Adams	Ex	Ex	Ex	Ex	P	F	
63-398	*McCormick, Thomas Allen	Ex	Ex	Ex	Ex	82	75	5, 6
64-82	Parke, Robin Eli	Ex	Ex	Ex	Ex	F	F	
63-399	Rodowicz, Stefan Joseph	Ex	Ex	F	80	F	F	4
64-84	*Young, Robert Andrew	P	P	79	90	70	70	3, 4, 5, 6

GEOLOGY

	1.	2.	3.	4.		
63-403	Caviness, Clyde Roy	70	95	F	F	1, 2
63-535	Jones, Melvin H.	Ex	Ex	F	F	
62-120	Mathewson, Donald Edward	Ex	Ex	F	F	
63-406	*Metz, Robert Allen	Ex	Ex	75	78	3, 4
63-410	*Warnock, George Forrester	P	P	75	78	3, 4
64-21	Youell, James Robert	F	80	F	F	2

LAND SURVEYING

No	Name	1.	2.	3.	4.	Passed
62-6	Anderson, John Calvin	P	F	P	P	
62-30	Byrne, William E. R., III	P	P	F	P	
63-507	*Fraivillig, Leonard Martin, Jr.	Ex	Ex	75	85	3, 4
63-262	*Martinez, Joseph G.	75	P	P	90	1, 4
63-418	*Mueller, John J.	P	85	P	75	2, 4
63-420	Ramey, Paul Wayne	F	F	F	F	
63-559	Rountree, J. W. Kent	F	F	80	78	3, 4
63-421	Tobey, Karl D.	F	F	F	F	
63-281	Ward, Robert Donald	F	F	F	F	
63-422	Warner, Oliver Zieger, Jr.	Ext.	Ext.	80	80	3, 4
63-568	Wold, Russell D.	DNA	85	DNA	DNA	2
63-499	Yowell, Thomas Alfred	F	90	70	80	2, 3, 4

ASSAYING

63-498 *Wright, Wilbur D. 75

ENGINEER-IN-TRAINING

Under New Rules

No.	Name	Grade
64-10	*Adair, Farrish Lee	70
64-32	*Allen, M. G.	71
64-7	*Andresen, Hermann Raster	85
64-6	*Ashe, Robert Leroy	74
64-26	Avary, Edwin R.	F
64-17	*Backus, Richard Irving	90
64-31	Beling, David C.	F
64-15	Boyle, Walter S.	F
64-34	*Chance, Donald R.	70
64-19	*Cochran, Louis Baker	70

ENGINEER-IN-TRAINING
Under New Rules

No.	Name	Grade
64-30	*Fraser, Thomas L.	70
64-12	Goldman, Norman C.	F
64-14	*Guerrini, S. Joseph	80
64-16	Harris, Lewis M.	F
64-13	Harvey, Edward B.	F
64-20	*Jensen, Hans Carl	78
64-21	*Krebel, Edgar A.	72
64-35	*Leitzman, Robert Alan	78
64-22	*Little, Thomas Cutler	80
64-8	Menou, Peter Francis	F
64-27	*Miller, Richard E.	78
64-29	*Moser, James Frederick	78
64-3	*Murray, David	85
64-18	Myers, Teddy L.	F
64-36	Nunez, Peter Gilbert	F
64-4	Phillips, Michael Robert	F
64-28	*Pinnell, Steven Scott	74
64-23	*Schnabel, Charles W.	90
64-24	*Thompson, Lee Steele	72
64-33	*Vercellino, John Thomas	80
64-25	Wolf, James E.	F

ENGINEER-IN-TRAINING

No.	Name	1.	2.	Passed
63-462	Albert, Guy D.	F	P	
63-459	*Battles, Fred Clifton	80	P	1
63-13	Blatchford, Robert C.	F	F	

STATE OF ARIZONA
BUDGET ESTIMATES AND REQUESTS

Governmental Unit State Board of Technical Registration

Unit Symbol 1-5-17-000-0600

Fund Source General

Approved by

Title

Executive Secretary

Charles F. ...

Date Approved June 26, 1964

Item	Object Code	Expenditure Classification	(1) Actual Expenditures 1963-1964	(2) Amount Appropriated 1964-1965	(3) Estimated Expenditures 1964-1965	(4) Requested for 1965-1966	(5) Per Cent of Increase or (Decrease)
1	110	Personal Services					
		CURRENT EXPENDITURES					
		Total Number of Employees.....	4	4	3	3	
		Salaries & Wages.....	23,146.82	24,800.00	20,600.00	21,000.00	+ 2%
2	240	Professional Services (for services rendered to State on fee basis).....	5,339.17	4,000.00	5,000.00	4,000.00	- 20%
3	220	Travel - State.....	2,793.15	1,500.00	2,500.00	2,500.00	
4	230	Travel - Out of State.....	1,512.66	2,500.00	2,000.00	2,500.00	+ 25%
5	291	Entertainment.....					
6	321	Food (for State Institutions).....					
7	423	Industrial Insurance-State Employees.....					
8	424	Buildings & Equipment Insurance.....	144.34	50.00	75.00	125.00	+ 66 2/3%
9	425) 427)	Employers' Contribution for OASI & State Retirement.....	1,394.24	1,500.00	1,500.00	1,500.00	
10	428	Liability Insurance.....					
11	430	Subscriptions & Organization Dues.....	728.10	750.00	750.00	750.00	
12	440	Rewards & Awards.....					
13	450	Discharge Money-Institutional Inmates.....					
14	471	Uniform Allowance.....					
15	472	Unit Allowance.....					

Item	Object Code	Expenditure Classification	(1) Actual Expenditures 1963-1964	(2) Amount Appropriated 1964-1965	(3) Estimated Expenditures 1964-1965	(4) Requested for 1965-1966	(5) Per Cent of Increase or (Decrease)
CURRENT EXPENDITURES (Continued)							
Other Current Fixed Charges							
16	411	Rent - Office Equipment.....	429.14		429.14	430.00	+ .2%
17	413	Rent - Buildings & Offices.....	3,045.03	3,123.48	3,078.72	3,100.00	+ .7%
18	417	Rent - Other.....	272.29	200.52	271.14	200.00	- 26%
19	421	Bonds of Officials & Employees.....	10.00	20.00	10.00	10.00	
20	490	Other Current Fixed Charges..... Total Other Current Fixed Charges (Add items 16 thru 20)	3,756.46	3,344.00	3,789.00	3,740.00	
Other Current Expenditures							
21	211	Postage.....	2,088.09	2,000.00	2,000.00	2,000.00	
22	212	Telephone & Telegraph.....	1,106.93	1,000.00	1,089.00	1,089.00	
23	215	Heat, Light, Power & Water Service.....					
24	260	Maintenance & Repairs.....	147.51	300.00	290.00	200.00	
25	270	Care of Institutional Patients, Wards & Pioneers (Outside Services).....					
26	293	Cleaning & Waste Removal	40.25		50.00	50.00	
	280	Trances					
	299	Miscellaneous	1,041.34	1,200.00	1,200.00	1,000.00	- 20%
27	290	Other Contractual Services 296 Ann. Report	1,600.60	1,500.00	1,500.00	1,650.00	+ 10%
28	295	Railway Express	18.97	30.00	30.00	30.00	
28	310	Office Supplies.....	4,758.79	3,000.00	4,000.00	3,000.00	- 25%
29	350	Vehicle Supplies.....					
30	370	Construction & Maintenance Supplies.....		75.00	0	0	
31	320) 360) 390)	Other Supplies, Materials & Parts..... Total Other Current Expenditures (Add items 21 thru 31)	170.05		75.00	75.00	
Total Current Expenditures (Add items 1 thru 31)			10,972.53	7,905.00	10,135.00	9,085.00	
FIXED CHARGES							
32	521	Public Assistance.....	49,787.47	46,349.00	46,349.00	45,200.00	
33	522	Rehabilitation.....					
34	540	Amortishments.....					

Item	Object Code	Expenditure Classification	(1) Actual Expenditures 1963-1964	(2) Amount Appropriated 1964-1965	(3) Estimated Expenditures 1964-1965	(4) Requested for 1965-1966	(5) Per Cent of Increase or (Decrease)
CAPITAL OUTLAY							
35	610	Equipment.....	80.75	1,000.00	1,000.00	500.00	- 50%
36	620	Buildings & Improvements.....					
37	630	Land.....					
38	640	Livestock.....					
39	650	Highways and Bridges.....					
		Total Capital Outlay	80.75	1,000.00	1,000.00	500.00	
	931	Refunds	272.00	300.00	300.00	300.00	
GRAND TOTAL (Add items 1 thru 39)			50,140.22	47,649.00	47,649.00	46,000.00	- 3 1/2%
AVAILABLE FUNDS							
Balance Forward from Previous Year.....			1963-1964 13,259.40		1964-1965 10,096.20		
Appropriation (General Appro. Bill).....							
Special Appropriations.....							
Appropriated Receipts.....			46,977.02		48,645.00		
Total Available Funds.....			60,236.42		58,741.20		
Less Expenditures (As Shown Above).....			50,140.22		47,649.00		
Amount Reverted.....							
Balance Forward to Next Year.....			10,096.20		11,092.20		

SUMMARY OF POSITIONS AND SALARIES

SCHEDULE II

Governmental Unit Technical Registration Board

Title of Position	No.	1963-1964		1964-1965		1965-1966		Value of Perquisites
		Actual Expenditures	Value of Perquisites	Estimated Expenditures	Value of Perquisites	Requested		
Permanent Status								
Executive Secretary	1	11,833.34	None	12,000.00	None	12,000.00	None	
Office Manager	1	4,566.74	None	4,600.00	None	4,800.00	None	
Secretary I	1	2,770.00	None	4,000.00	None	4,200.00	None	
Secretary II	1	3,976.74	None	0	0	0	None	
TOTALS	4	23,146.82		20,600.00	3	21,000.00		

01600

CAPITAL OUTLAY

Requested for 1965-1966

01600E

Governmental Unit Technical Registration Board

Item	EQUIPMENT		Project	BUILDINGS AND IMPROVEMENTS	
	Amount	New (N) Replace (R)		Amount	
Office Furniture	500.00	R			

RECEIPTS — ACTUAL AND ESTIMATED

SCHEDULE IV

Description (Source)	Actual 1963-1964	Estimated	
		1964-1965	1965-1966
Renewal Fees			
@ \$10.00	30,980.00	30,000.00	32,000.00
@ 5.00	1,400.00	1,500.00	1,500.00
Penalties	645.00		300.00
Application Fees			
@ 25.00	8,400.00	9,500.00	9,000.00
@ 15.00	975.00	1,500.00	750.00
@ 10.00	870.00	1,500.00	1,000.00
Temporary Certificates			
@ 50.00	1,650.00	2,500.00	1,500.00
Examination Fees			
@ 15.00		6,050.00	5,000.00
@ 10.00	890.00		
@ 7.50	2,985.00		
@ 5.00	2,120.00		
New Certificates	19.25		
Annual Reports	55.00		
Photostats	2.20		
Return of refund	12.50		
NCARB Personal Audience	10.00		
TOTAL REVENUE	51,013.95	54,050.00	51,050.00
10% to General Fund	5,101.39	5,405.00	5,105.00
90% to Technical Fund	45,912.56	48,645.00	45,945.00

Itemize source of income remitted to the State Treasurer for 1963-1964 fiscal year. Estimate the amount for 1964-1965 and 1965-1966. Be sure to include federal aid received and estimated. Fee boards should report revenue received and estimated on a 100% basis, not just 90% retained by the board.

STATISTICAL INFORMATION
(State Institutions)

	Actual 1963-1964	Estimated	
		1964-1965	1965-1966
Number of Students Enrolled			
Number of Patients			
Number of Inmates			
Per Capita Cost			

ENGINEER-IN-TRAINING

No.	Name	1.	2.	Passed
63-25	Carson, Jon D.	F	P	
63-30	*Cederstrom, Robert R.	P	70	2
63-54	Espinoza, Ernest T.	F	F	
63-466	*Friedson, Harvey	70	P	1
63-439	Harnly, John P.	F	P	
63-438	Larson, Arlen Ellwood	F	P	
63-473	*Lewis, John F.	P	70	2
63-112	*Lytle, Charles S.	87	P	1
63-113	McClure, Garland J.	F	P	
63-125	*Matlock, William Gerald	P	92	2
63-451	*Mulligan, Donald E.	80	P	1
63-479	Potts, Robert Clifford	P	F	
63-143	*Ritoch, John Michael	83	P	1
63-475	*Teorey, Toby J.	70	P	1
63-437	Torres, Francisco Castro	F	70	2
63-168	Werhan, Ronald W.	F	F	

REPORT OF N.C.A.R.B. COMMITTEE

(Young, Weaver, Herreras) Mr. Weaver reported that he and Martin Ray Young attended the St. Louis Annual conference of N.C.A.R.B. for two days in which 41 states were in attendance. The major highlights of this convention were that States are fast withdrawing Architect-in-Training from non-degree applicants; that N.C.A.R.B. will no longer require United States citizenship for certification; that N.C.A.R.B. now proposes credits of one for three years for Architects in Government; that the length of time for an Architect to receive a blue cover has been reduced to approximately 6 to 8 weeks; that some States are seeking a larger fee from out-of-state applicants.

REPORT OF BUDGET COMMITTEE

(Royden, Shell, Dryden) Mr. Royden presented the proposed budget for the 1965-1966 period which was discussed.

It was moved by Mr. Royden and seconded by Dr. Shell that the 1965-1966 budget be approved. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Shell that the Chairman of the Board be requested to appoint a committee to investigate another location for the office of the Board subsequent to October, 1965. Motion carried.

Meeting adjourned at 5:30 P.M. until 10:00 A.M., June 26th.

REPORT OF GRIEVANCE COMMITTEE #1

(Dryden, Weaver, Royden, Girand) Grievance Committee #1 met on Tuesday, May 5th, beginning at 1:30 P.M. in the auditorium of the Guaranty Bank Building. Those members present were C. W. Dryden, Chairman, Frederick P. Weaver, H. L. Royden, John Girand, and Jerry Lawson, Assistant Attorney General.

The Committee had called before it for informal discussions the following list of registrants and notified them by certified mail on April 29th: Robert Marvin Paulsell; Wilfred R. McIlveen; Robert Price Weatherford, Jr.

Mr. Robert Price Weatherford, Jr., appeared before the committee for an informal discussion on one-sheet plans of a store room for the Yuma County Courthouse in that the Board had received one print showing the name of the designer as Charles C. Young and an identical print stamped and sealed by Robert Price Weatherford, Jr., Architect. Mr. Weatherford explained to the Board that Charles C. Young was indeed his bona fide employee during the time these plans were drawn and that he had performed this service for the supervisors of Yuma County on a courtesy basis, Mr. Weatherford's regular employment being for Arizona Public Service Company. The committee accepted discussions with Mr. Weatherford as being satisfactory and thanked him for his appearance.

Neither Robert Marvin Paulsell nor Wilfred R. McIlveen appeared before the committee. It was apparent in the case of Mr. McIlveen that he had not as yet received his certified letter and in the case of Mr. Paulsell, the signature card was returned signed by a female person.

It was moved by Mr. Girand and seconded by Mr. Royden that Mr. Paulsell be held for a formal hearing on his hydraulic design of Cortero Farms unless satisfactory proof is submitted of inability to appear at this meeting. Should satisfactory proof be received, Mr. Paulsell is to be invited to another informal Grievance Committee meeting by registered mail, addressee only. Such meeting will be held concurrently with the June 25th-26th Board meeting in Flagstaff. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that Mr. McIlveen be sent an additional notice, registered mail, addressee only, requesting that he appear before an informal Grievance Committee meeting to be held concurrently with the June Board meeting. Motion carried.

Subsequent to the adjournment of the Grievance Committee meeting, the Executive Secretary heard from Mrs. McIlveen that the letter had just been received and that Mr. McIlveen was not available. The following day, the Executive Secretary heard from Mr. Paulsell that he had been out of town and that the baby sitter had not informed his wife of the arrival of the certified mail.

Both Mr. Paulsell and Mr. McIlveen were informed verbally by the Executive Secretary of the proposed June 25th-26th meeting in Flagstaff and they indicated they would attend upon receipt of formal instructions where to appear.

The meeting adjourned at 3:30 P.M.

Mr. Dryden, Chairman of Grievance Committee #1, reported that Mr. Wilfred R. McIlveen and Mr. Robert Marvin Paulsell appeared before Grievance Committee #1 on June 26th at 9:00 A.M. The committee also discussed a house by a designer for McMillan Construction Company and requested that the Executive Secretary be instructed to write the City of Phoenix pointing out that residences in excess of the amount exempt in the Law must be performed by a registrant of this Board. The Committee recommended that Mr. Alfred Maggs, Mechanical Engineer, and Mr. T. J. Hanley, Civil and Structural Engineer, meet with the Grievance Committee at their next meeting regarding a warehouse; that Claude McLean meet with the Grievance Committee and discuss his certifying as a Chemical Engineer that he is responsible for structural design. The Grievance Committee also recommends that Mr. Robert Marvin Paulsell be held for a formal hearing on an incompetent set of plans for Cortero Farms. The Grievance Committee further recommends that Mr. Wilfred R. McIlveen be held for a formal hearing on an incompetent survey on the Ranch of the Golden Horse Unit 1.

It was moved by Mr. Dryden and seconded by Mr. Weaver that the report of the Grievance Committee #1 be accepted. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #2

(Stufflebean, Matsch, Herreras, Shell) Grievance Committee #2 met at 9:00 A.M., June 26th, in Flagstaff, and has no report to the Board.

Mr. Herreras remarked that in Tucson, the building officials are well instructed that no permits be issued on plans unless prepared by a registered Architect or Engineer.

REPORTS OF SPECIAL COMMITTEES

Office Procedure Committee (Stufflebean, Girand, Weaver) - The Executive Secretary brought up the matter of additional filing cabinets for the office and possible revision on the application forms for engineers. These items were referred by the Chairman to the Office Procedure Committee for discussion.

READING OF COMMUNICATIONS

Honorable Robert W. Pickrell

Dear Sir:

I represent the International Association of Electrical Inspectors, a not for profit corporation, organized among other things for the purpose of continuing the education of its members and promoting the better understanding and application of the national and local electrical codes.

The Association has embarked on an educational program for its inspectors leading to the certification by the Association of those

qualified as "Certified Electrical Safety Engineers." The certificate issued to the recipient will use such term and will also contain the following qualifying statement:

"This certificate does not authorize the holder hereof to practice electrical engineering or to be known as an Electrical Engineer. It applies solely to Electrical Safety Engineering, a realm unique to the Electrical Inspection Fraternity."

There are many terms now in use in the various states which are acceptable. Some states now permit the use of the term "Electrical Safety Engineer" without any registration or without any question being raised. Many states permit the use of the following terms: Insurance Engineers, Locomotive Engineers, Stationary Engineers, Marine Engineers, Hoisting Engineers, Electrical Maintenance or Service Engineers, Traffic Engineers, Waterworks Engineers, Sewage Engineers, as well as others.

The certified Electrical Safety Engineer will in no way practice engineering or offer to practice such. He will in no way represent himself to be an engineer nor will he perform any engineering work. He will continue to be an electrical inspector, certified by the Association as a result of his qualifications as an Electrical Safety Engineer, as has already been done in several of the states. He will in no way imply that he is an engineer.

Under the conditions as set forth above, it is our belief that we will in no way run contrary to any Act in your State. On the contrary, this program should mean an increase in efficiency and pride in the work of the Electrical Inspector who qualifies as a certified Electrical Safety Engineer. We are sure that the projected program will meet with National approval. If there are any suggestions or questions which might be raised in your State which may increase the efficiency of the program so that it will be satisfactory in your locale, I would appreciate your advice.

Thank you for your cooperation.

Yours very truly,

/s/ Robert Lee Shapiro
Attorney for the International
Association of Electrical Inspectors

It was moved by Mr. Herreras and seconded by Mr. Dryden that Mr. Jerry Lawson of the Attorney General's office be directed to reply to Mr. Shapiro's letter in accordance with established policy of the Board. Motion carried.

TO: ALL WESTERN CONFERENCE BOARDS

FROM: WASHINGTON STATE BOARD OF REGISTRATION FOR ARCHITECTS

SUBJECT: SEISMIC EXAMINATIONS

The Washington Board has asked me to convey these thoughts to you, and to seek your guidance.

Perhaps due to the tragic earthquake in Alaska recently, we here in Washington are made very conscious that we too lie in an area very susceptible to shock, with the Puget Sound area where the bulk of our population lives particularly vulnerable. Starting in June 1962 this Board started including in its "F" Building Construction and "G" Structural Design sections questions on seismic forces, and since then have, of course, used the Western Conference examination containing this material in these sections.

As we require this competency in our own registrants, we feel we should require evidence of similar competency in reciprocal registrants from other states. This is particularly true of applicants from midwest and eastern parts of the country. In the interests of public safety these applicants should be made aware of the need for seismic design for practice here. We have noted in recent interviews that many such admit to no real knowledge of this subject, and understand and appreciate our concern, and are willing to obtain and prove competency toward registration here.

We are aware, of course that California has been aware of this problem for a long while. Perhaps other Western States have been also. We should like to know which ones, if any. We are proposing changes in our Rules to accomplish the following:

1. To require reciprocal registration candidates to supply us with proof of their competence in seismic design by:
 - A. Having passed the Western Conference Examination in "F" and "G" in 1963 or since, or
 - B. Having secured registration in California where seismic design has long been a requirement of registration (and provided California assures us that all their registrants have been so qualified, or furnish individual assurances) or
 - C. Having passed examinations in other states equivalent to the Western Conference examination requirements in seismic portions of "F" and "G", or
 - D. Prepare and submit a treatise of not less than ten pages (double spaced) 8½ x 11 on SEISMIC CONSIDERATIONS for BUILDINGS, with the following areas for discussion suggested:
 - a. Review from historical and geological standpoint of earthquake occurrences, their origins, causes and effects.
 - b. Seismic considerations in the architectural design of buildings, their shape, height, bulk, form, etc.
 - c. Seismic considerations in structural design of buildings, methods of controlling seismic forces.

Our purpose is not to set up a road-block for your architects seeking reciprocity in Washington, and

We do not wish to embarrass any Western Conference Board by this proposed step, and before we make it official, we would appreciate your comments. Do you think we are reasonable? Would there be any reason for a reciprocal understanding between us? Would you be willing to include a reference on any grade report furnished us that your architect-candidate had qualified in seismic design by reference to 1A, 1B, 1C or 1D, or include a statement that he has not yet so qualified?

Perhaps there is a situation in your State which presents a problem in this or some other area on which Washington could cooperate.

Very truly yours,

/s/ Richard H. Eddy
AIA - Executive Secretary

Presented for information only.

Gentlemen:

We wish to submit for your consideration the advisability of opening a new category in your registration, namely, for the acoustical sciences. An indication of the breadth and diversity of the acoustical science field is shown on the enclosed "Specialties List for use with National Register of Scientific and Technical Personnel". Please note in particular that none of these acoustical specialties require, nor would be particularly benefited by, training or degrees in any of the categories now classified by your board. Although the term "acoustical engineer" is commonly applied to acousticians, the prominence and importance of the acoustical sciences is so recent that there is actually no college degree available in acoustical engineering and, as a matter of fact, there are only a few universities which even offer separate courses in acoustics.

Our professional society, The Acoustical Society of America, founded in 1929, lists ten members and one student member in Arizona in its 1963 membership list. The diversity of training and application of the acoustical sciences is well illustrated by the fact that, of these eleven members, four serve as industrial engineers (2 at AiResearch, 1 at Motorola, 1 at Douglas Aircraft), one teaches in the Psychology department at ASU, another practices architecture (the only Acoustical Society member in Arizona listed in your 1963 registration list), the writer practices as a consultant in architectural acoustics, and of the others at least two are retired.

Although the writer is the only Arizona party serving in a daily capacity as an acoustical consultant to architects, mechanical engineers, state and local governmental and school agencies, contractors, etc., the mounting importance of acoustical considerations in the design of new construction alone should, we feel, cause you to give careful consideration to the necessity of having acoustical consultants duly qualified and registered with your board.

The writer would be pleased to discuss this matter further with your board or furnish you with whatever other data you may desire relative to this request. We have served many of the architects and mechanical

engineers registered with your board, and will be please to submit a list of these clients and the projects on which we consulted, if you so desire. In fact, this request has been suggested and stimulated by many of these registrants.

We look forward to hearing from you.

Yours very truly,

/s/ Robert A. Larabell

Re: Larabell Request for Acoustical Sciences

Dear Mr. Edelblut:

These people have a specialized training in the science of acoustics which is of extreme help on a consulting basis in the field of architecture. However, it is my opinion that it is only one of many specialized fields in architecture and certainly does not qualify for registration under the general requirement of our act.

Sincerely,

/s/ Frederick P. Weaver

It was moved by Mr. Girand and seconded by Mr. Dryden that the Executive Secretary reply to Mr. Larabell's letter outlining the policy of the Board and indicating that acoustical work was not Professional Engineering. Motion carried.

Re: Suggested minimum drawings and specifications for projects of architectural nature

Gentlemen:

Your list of suggested minimum drawings and specifications as published in "Arizona Architect" did not include landscape plans and specifications in any of the three categories mentioned.

On a national basis, the Associated Landscape Contractors of America is attempting to rectify this condition by meeting with executives of A.I.A., A.S.L.A., General Services Administration and the United Planning Organization.

Construction Specifications Institute has already set up this category nationally and issued "Standards for Landscape Specifications" as their guide. This study was done in Phoenix by the local C.S.I. group. A copy is being enclosed.

Also, as president of the Arizona Landscape Contractors Association, I would certainly like to see a better understanding and use of landscaping in plans and specifications in Arizona.

We would appreciate any help you can give us in getting landscaping included in your list.

Sincerely yours,
ASSOCIATED LANDSCAPE CONTRACTORS
OF AMERICA

/s/ F. J. MacDonald, Vice-President

It was moved by Mr. Dryden and seconded by Mr. Girand that the Executive Secretary reply to the Associated Landscape Contractors' letter outlining the policy of the Board and indicating that landscape work was not Architectural services. Motion carried.

READING AND CONSIDERING OF APPLICATIONS

Mr. George L. Barnes appeared before the Board to discuss reconsideration of his application for registration as an Architect. The Chairman thanked Mr. Barnes for appearing and advised that his application for reconsideration would be taken under advisement.

Mr. Terry S. Allen appeared requesting reconsideration of his application for registration as a Mechanical Engineer in that additional references could indicate that he was qualified to take the examination. Mr. Allen was thanked for his appearance by the Chairman and advised that his application would be taken under advisement.

It was moved by Mr. Dryden and seconded by Dean Matsch that the Board re-affirm their previous action in regard to the application of Mr. George L. Barnes. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Royden that the Board withdraw the denial of the application of Mr. Terry S. Allen and hold him for examinations 3 and 4 in Mechanical Engineering. Motion carried.

It was moved by Mr. Dryden and seconded by Dr. Shell 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

Annand, John Davis	5715
Boehning, Joseph Frederick	5761
Demeter, Steven J.	5716
Ginner, John J.	5717
Krauss, Karl Frederick, Jr.	5718
More, Donald Hallett	5719
Peterson, John Richard	5720
Rapp, James Roy	5721
Shannon, William Ray, Jr.	5722
Staten, George Cowden, Jr.	5723
Walker, Bruce Morris	5724
Wielgus, Ronald Stanley	5725
Wurst, Wilbur William	5726
Young, Joseph Hagman	5727

CIVIL ENGINEERING

Benham, David Blair	5728
Britain, Kenneth Edward	5729
Brudin, John Bruce	5730
Clark, Kenneth Miles	5731
Craddock, James Berry	5732
Dufficy, Maurice John	5733
Erickson, John R.	5734
King, Claude Evans	5735
Newman, Charles Warren	5736
Norris, Max LeRoy	5737
Olsen, Elliot B.	5738
Pearson, Harry McVicar	5739
Pugh, Clifford A.	5740
Richards, Kenneth Eugene	5741

Smith, Robert Edward 5742
 Stragier, Marcel Garthwaite 5743
 Tang, Jack Chue 5744
 West, Charles Paterson 5745

ELECTRICAL ENGINEERING

Graham, John Marshall, 5746
 Hyland, Edward J. 5747
 Kaneko, George Shinichiro 5748

MECHANICAL ENGINEERING

Aronovsky, George N. 5749
 Campbell, Vance Dodson 5750
 Enfield, Stuart A. 5751
 Falk, David Sidney 5752
 Leibowitz, Herman 5753

MINING ENGINEERING

Coolbaugh, Melville James 5754
 Elgin, Robert Anderson 5755
 Millar, Albert E. 5756

INDUSTRIAL ENGINEERING

Shaw, Vaughn Cortner 5757

AGRICULTURAL ENGINEERING

Stapleton, Herbert N. 5758

GEOLOGY

Stuart, W. Harold 5759

LAND SURVEYING

Richards, Kenneth Eugene 5760

ENGINEER-IN-TRAINING

Adair, Farrish Lee 431
 Andresen, Hermann Raster 432
 Ashe, Robert Leroy 433
 Cammarata, Larry Charles 434
 Cederstrom, Robert R. 435
 Chance, Donald R. 436
 Cochran, Louis Baker 437
 Conklin, Robert Barron II 438
 Guerrini, S. Joseph 439
 Gustafson, Melvin Harold 440
 Hall, Philip L. 441
 Kramer, Robert Joseph 442
 Lytle, Charles S. 443
 McCaig, William Jay 444
 Matlock, William Gerald 445
 Miller, Richard E. 446
 Murray, David 447
 Rice, Robert R. 448
 Tucker, Lester William 449
 Tuuri, Randolph J. 450
 Vercellino, John Thomas 451
 White, O'Mara, Jr. 452

ARCHITECT-IN-TRAINING

Caviness, Richard A. 47
 Logan, Donn 48
 Norling, Kenneth Ronald 49

It was moved by Dean Matsch and seconded by Dr. Shell that the following applications be denied for failure to appear for the examination two consecutive times. Motion carried.

Bartels, Ferris William	63-411	Gallow, John Joseph	62-58
Bloom, Kay Cyle	63-255	Gegner, Stephen H.	63-63
Bowser, Robert Warren	62-23	Gilmore, Earl P.	61-31
Brochstein, Raymond D.	63-289	Goudy, Harlan C.	63-69
Bryan, Garlan Diggs, Jr.	63-291	Griffith, William Burt	63-70
Bruss, Richard E.	63-18	Guthrie, Richard Gray	59-37
Burns, Herbert Wallace	63-20	Hustad, Marvin Allan	63-265
Coughlin, William I.	60-10	Johns, David R.	62-90
Curtiss, Robert Eugene	63-405	Kear, Jay Louis	63-95
de Blas, Romualdo J.	63-427	Kent, George Clarence	63-266
DeWilliam, Patrick P.	63-391	Lancaster, Leon Parr	63-100
Dubin, George P.	63-183	Leavitt, Jack	63-102
Forkert, Clifford Arthur	63-414	LeBlond, Ronald Patrick	63-249
Funderburk, Harvey A.	62-57	Lee, Faith M.	62-107

Lim, David P.	63-107	Smyth, Sam Kendrick	63-393
Lloyd, William Harley	63-108	Spratt, Virgil E.	63-151
Lorton, Bradley B.	61-58	Stafford, Jerry C.	63-152
Lugo, Michael A., Jr.	63-447	Thibeau, Walter Joseph	63-160
McDonnell, Robert B.	63-193	Tymura, Edward J.	63-163
Matkin, George O.	63-189	Valeski, Robert D.	63-164
Motsinger, Richard N.	62-138	Waggoner, Richard Walter	63-167
Nelson, Patrick Canute	63-131	Willey, Earl C., Jr.	63-171
Pierce, Lambert Reid	63-212	Williams, Samuel Wayne	63-426
Rader, Tommy F.	63-141	Wilson, Richard M.	63-436
Richard, Harold Ray	62-168	Wilt, James I.	60-53
Simon, Kenneth Dean	63-385	Yano, Henry Susumu	63-180
Skipper, Charles Howard	62-180		

It was moved by Mr. Weaver and seconded by Mr. Royden that the following applicants be denied without prejudice and without refund at their request. Motion carried.

Everhart, Ralph Chatfield	63-55	Huson, John Joseph	63-341
Gentry, Scott Norman	61-30	Preble, Charles Graham	62-221

It was moved by Mr. Herreras and seconded by Mr. Weaver that the following applicants be denied for failure to complete the requirements of the Board within a reasonable length of time. Motion carried.

Bennett, John Charles	63-321	Kirwin, Ralph Spencer	63-378
Hodson, Harry	63-340	Powers, Raymond Joseph	63-239

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

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

ARCHITECTURE

Anshen, S. Robert	64-174	Young
Becket, MacDonald George	64-203	Young
Boswell, Bruce D.	64-48	Weaver
Drielsma, J. Arthur	64-182	Young
Farrell, William F.	64-215	Weaver
Halleck, Gerald R.	64-183	Herreras
Hustad, Donald Edward	64-157	Young
Kelley, Ormond Leslie	64-194	Young
Kirkpatrick, George T.	64-100	Young
Lundberg, Robert Saunier	64-102	Weaver
Mandel, Ernest M.	64-59	Herreras
Maston, Carl Louis	64-144	Young
Montierth, George Miles	64-145	Herreras
Ryan, Edward John	64-161	Young
Stetser, Dana George	64-164	Young
Taylor, Shelby Robert	64-33	Weaver
Young, Joseph Hagman	64-167	Young

CIVIL ENGINEERING

Adair, John, Jr.	64-34	Stufflebean
Allison, Marion Charles	64-47	Shell
Ashcroft, Theron	64-132	Girand
Blackmer, William H.	64-189	Girand
Boyce, Russell Ivan	64-177	Dryden
Bratakos, Dimitrios Socrates	64-36	Stufflebean
Bronson, Gordon	64-127	Girand
Causey, David Frederic	64-90	Stufflebean
Fox, Raymond H., Jr.	64-199	Girand
Hatton, Roger Lee	64-156	Stufflebean
Hickey, Edgar Benton	64-172	Royden
Hickman, Davis Clark	64-96	Girand
Johnson, Lewis Charles	64-9	Royden
Keller, Charles Walter	64-195	Girand
Koehrsen, Lawrence Gilbert	64-160	Girand
Land, Ray Vernon	64-188	Girand
Mann, Thomas Townsend	64-142	Dryden
Merrick, Sears Wood	64-104	Stufflebean
Miller, Donald Barrett	64-105	Stufflebean
Noble, George F.	64-30	Royden
Schaefer, Louis Orr	64-162	Girand
Shepardson, Donald Eugene	64-149	Girand
Summers, Joseph Byrne	64-191	Royden
Tan, Eng Pek	64-198	Dryden
TenBroeck, Benton William	64-130	Royden
Thornton, William Edward	64-72	Girand
Trueworthy, Ed B., Jr.	64-73	Stufflebean
Wong, Homer Shing	64-192	Girand

ELECTRICAL ENGINEERING

Butterweck, Howard William	64-175	Matsch
Silver, John Erman	64-151	Matsch
Thompson, Truet Bradford	64-165	Shell
Torgerson, Verlin Gene	64-46	Matsch

ENGINEERING SCIENCE

Avery, James P.	64-87	Shell
Barkson, Joseph Anton	64-133	Shell
Collins, John Adam	64-91	Shell
Donnelly, Aaron V.	64-136	Shell
Gupta, Someshwar Chander	64-171	Shell
Kersten, Robert Donavon	64-99	Shell
Myklestad, Nils Otto	64-107	Shell
Rice, Warren	64-147	Shell
Thompson, Truet Bradford	64-166	Shell
Turnbow, James W.	64-119	Shell
Wallace, Charles Edward	64-120	Shell

HIGHWAY ENGINEERING

Noonan, Martin Hendrie	64-129	Royden
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INDUSTRIAL ENGINEERING

Beakley, George Carroll	64-122	Shell
Bedworth, David D.	64-88	Shell
Gambrell, Carroll Blake, Jr.	64-93	Shell
Happ, William Wolfgang	64-95	Shell
Hoyt, Charles Dexter, Jr.	64-97	Shell
Moan, Obert Benjamin	64-106	Shell
Nutt, Merle Caro	64-108	Shell
Pritsker, A. Alan B.	64-112	Shell

MECHANICAL ENGINEERING

Short, Leo Charles	64-150	Dryden
Thon, Warren Harold	64-16	Girand

METALLURGICAL ENGINEERING

Ferguson, William Howard, Jr.	64-137	Shell
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MINING ENGINEERING

Tweedy, George A.	64-173	Shell
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PETROLEUM ENGINEERING

Dugan, Thomas Allen	64-41	Girand
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STRUCTURAL ENGINEERING

Andrews, Eugene Raymond	64-125	Herrerias
Preszler, Donald Lee	64-146	Herrerias
Weaver, Floyd E.	64-155	Herrerias

AERONAUTICAL ENGINEERING

Logan, Earl Jr.	64-101	Shell
Meirovitch, Leonard	64-103	Shell
Watson, Ronald	64-121	Shell

GEOLOGY

Gillson, Joseph Lincoln	64-140	Shell
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LAND SURVEYING

Boyce, Russell Ivan	64-178	Dryden
Mann, Thomas Townsend	64-143	Dryden
Pedersen, Reynold Larimore	64-110	Dryden

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

ARCHITECTURE

Reid, Robert A.	64-65	Weaver
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CIVIL ENGINEERING

Gomez, Rodrigo J.	64-94	Girand
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HIGHWAY ENGINEERING

Copple, Ray B.	64-92	Royden
Gilbert, Thomas Barbee	64-139	Royden

MINING ENGINEERING

King, Howard G.	64-159	Dryden
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III. It was moved by Mr. Weaver and seconded by Mr. Girand that the following applicants whose records indicate written evidence of proficiency for professional registration is required be held for the professional examination indicated to demonstrate such proficiency. Motion carried.

ARCHITECTURE

Burr, Donald Frederick	64-89	Weaver	D, E, I
Dana, Howard Homer	64-49	Weaver	G, I
Greene, Richard Max	64-80	Weaver	C, D, E, F, G, H, I
Nathan, Max Martin	64-62	Weaver	D, E, G, H, I
Page, Norman Alvin	64-109	Young	C, D, E, F, G, H, I
Sams, Roger Lee	64-114	Weaver	C, D, E, F, H
Swaback, Vernon Dale	64-180	Young	D, E, F, H
Vaughan, Arthur Eugene	64-154	Young	C, D, E, F, G, H, I

CIVIL ENGINEERING

Barlett, John Eugene	64-1	Girand	Parts 3 and 4
Chambers, Ray Herman	64-181	Royden	Parts 3 and 4
Kornman, Paul E.	64-10	Girand	Parts 3 and 4
Krussman, H. W.	64-29	Dryden	Parts 3 and 4
Semmens, Robert Fellow	64-115	Girand	Parts 3 and 4
Talbert, Carroll Guy	64-153	Dryden	Parts 1, 2, 3, 4

CHEMICAL ENGINEERING

Casella, Frank Anthony	64-134	Shell	Parts 3 and 4
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ELECTRICAL ENGINEERING

Allinder, Ben Lee	64-86	Matsch	Parts 3 and 4
Black, Charles Robert	64-126	Matsch	Parts 3 and 4
Dimford, Bernard John	64-135	Matsch	Parts 3 and 4
Fessler, Albert Louis	64-170	Matsch	Parts 3 and 4

HIGHWAY ENGINEERING

Sindel, Fred	64-163	Royden	Parts 1, 2, 3, 4
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MECHANICAL ENGINEERING

Andresen, Hermann Raster	64-124	Matsch	Parts 3 and 4
Bardach, Martin	64-35	Stufflebean	Parts 3 and 4
McDowell, James Homer	63-381	Matsch	Parts 3 and 4
Martens, Stuart Wayne	64-123	Stufflebean	Parts 3 and 4
Peterson, James Rodney	64-111	Stufflebean	Parts 3 and 4

STRUCTURAL ENGINEERING

Arensman, Elton Eugene	64-131	Herrerias	Parts 5 and 6
Cashdan, Daniel Michael	64-169	Herrerias	Part 6
Fishkin, Robert Earl	64-128	Herrerias	Parts 5 and 6
Richard, Ralph Michael	64-148	Shell	Parts 5 and 6

LAND SURVEYING

Bennett, Paul Hoff	63-525	Dryden	Parts 3 and 4
Willow, Robert E.	64-20	Dryden	Parts 3 and 4

GEOLOGY

Gould, Walter Royle	64-193	Shell	Parts 3 and 4
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- IV. It was moved by Mr. Royden and seconded by Dr. Shell that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated. Motion carried.

LAND SURVEYING

Pidskalny, Robert Andrew	64-63	Dryden	\$5.00
Smets, Russell James	64-116	Dryden	\$5.00
Whittemore, Merle Wayne, Jr.	64-75	Dryden	\$5.00

It was moved by Mr. Dryden and seconded by Mr. Royden that Robert Thames McIntyre be held for a pre-evaluation interview by Mr. Weaver who is to report back to the Board for the registration requirements on Mr. McIntyre. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Dryden that the Board's previous action denying Alex Nikolakopoulos' application for registration as an Electrical Engineer be reversed and that he be held for a personal audience. Motion carried.

UNFINISHED BUSINESS

It was moved by Mr. Dryden and seconded by Mr. Royden that the Fall Engineering examinations be within the period October 16 through 21, 1964. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Weaver that Robert Marvin Paulsell be held for disciplinary action under ARS 32-128 in that incompetency was indicated in the practice of his profession in the preparation of the design for Cortero-Moreno Farms Irrigation District, and the Secretary of the Board be directed to file a verified complaint charging Mr. Paulsell with commission of an offense subject to disciplinary action and to give notice to Mr. Paulsell of a formal hearing. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Girand that Wilfred R. McIlveen be held for disciplinary action under ARS 32-128 in that incompetency was indicated in the practice of his profession in the preparation of the survey for Ranch of the Golden Horse Unit 1, and the Secretary of the Board be directed to file a verified complaint charging Mr. McIlveen with commission of an offense subject to disciplinary action and to give notice to Mr. McIlveen of a formal hearing. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Royden that the formal hearing be the first order of business beginning at 10:00 a.m. on September 10, 1964, in the auditorium of the Guaranty Bank Building. Motion carried.

NEW BUSINESS

It was moved by Mr. Royden and seconded by Mr. Girand that the next regular meeting of the Board be held September 10, 11, and 12, 1964, in the auditorium of the Guaranty Bank Building, Phoenix, Arizona, and that the regular meeting shall commence immediately after the formal hearings. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Herreras that Dr. Shell and Mr. Stufflebean be directed to attend the N.C.S.B.E.E. convention in Philadelphia, Pennsylvania, August 18th through 21st. Motion carried.

Dean Matsch advised the Board that this was the last meeting at which he would be in attendance in that his successor, Dr. Howard S. Coleman, assumes his duties as Dean of the College of Engineering, University of Arizona, on July 1, 1964. Dean Matsch expressed his pleasure in serving with the members of the Board. The members of the Board gave Dean Matsch their assurances and best wishes in his new assignment.

ADJOURNMENT

It was moved by Mr. Dryden and seconded by Mr. Girand that this meeting be adjourned at 11:45 a.m., June 26th. Motion carried.

John Girand

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
September 10, 11, 1964

The meeting of the State Board of Technical Registration was called to order by Mr. Martin Ray Young, Jr., Chairman, in the Auditorium of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona at 9:35 A.M. on September 10th.

PRESENT

Martin Ray Young, Jr., Chairman
John H. Stufflebean, Vice-Chairman
John Girand, Secretary
Howard S. Coleman
C. W. Dryden
E. D. Herreras
Billy Joe Shell
Frederick P. Weaver
Jerry Lawson

ABSENT

H. L. Royden

It was moved by Mr. Stufflebean and seconded by Dr. Shell that the minutes of the meeting of the Board on June 25th and 26th be approved as written and presented. Motion carried.

As the first order of business, the scheduled formal hearing in the matter of Wilfred R. McIlveen, Complaint Number 6487, Mr. Lawson explained to the Board the procedures as established for such formal hearings. After a five-minute recess at 9:55 A.M., Chairman Young called the Board to order at 10:00 A.M. for the formal hearing in the matter of Complaint Number 6487. Transcript of the formal hearing was made by the court reporter from the firm of William H. Morris. The formal hearing continued until 5:30 P.M. when all testimony and rebuttal was complete and Chairman Young reported to the persons involved that the Board would take the matter under advisement Friday, September 11th.

The Board reconvened Friday, September 11th, at 8:30 A.M. and began with a discussion of the matter of Wilfred R. McIlveen, Complaint Number 6487.

It was moved by Mr. Girand and seconded by Mr. Dryden that Mr. Wilfred R. McIlveen was guilty as charged and the vote was recorded as 8 voting aye, 0 nay.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the registration of Mr. Wilfred R. McIlveen, #4020, be suspended for a period of one calendar year.

It was moved by Mr. Dryden and seconded by Dean Coleman that the motion by Mr. Girand, seconded by Mr. Stufflebean, be amended that the period of suspension be six months. The vote on the amendment was recorded as 8 ayes, 0 nays.

The vote on the amended motion suspending Mr. McIlveen's registration #4020 for a period of six months was recorded as 8 ayes and 0 nays.

At 9:00 A.M., the Board suspended the meeting to permit Grievance Committee #1 to meet with a group of Arizona Architects. Report of Grievance Committee #1 on this meeting is recorded in a later section of these minutes.

The Board reconvened at 10:00 A.M. to conduct a formal hearing on a rule change as required in ARS 40-102 and the following persons appeared before the Board speaking on the proposed change: F. B. Bentley, Jr., J. W. Lillywhite, A. B. Potter, J. E. Hastain, Tom Barkdull, John H. Lange, Robert L. Frazer, James O. Read. The proposed rule change was properly filed with the Secretary of State and reported in the minutes of this Board June 25, 1964. The Executive Secretary reported to the Board that in addition to those persons appearing here to speak on the proposed rule change that letters have been received from the following registrants supporting this action: Scott Sarber, E. D. Voelker, Jr., R. L. Frazer, R. G. Barney, Thomas H. Barkdull, and James O. Read, representing the American Congress of Surveying and Mapping.

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the proposed rule change be placed under advisement and rescheduled for the December meeting of the Board. In the meantime, a committee representing the American Congress of Surveying and Mapping, Arizona Society of Professional Land Surveyors, et al, will meet with a representative of the Board and establish the exact wording of the rule to be acted upon. Motion carried.

The meeting concluded at 11:30 A.M. and the Board continued with its regular business.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Secretary read a motion for continuance received from Mark I. Harrison, attorney for the respondent in the matter of Robert M. Paulsell, Complaint Number 6488.

It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the motion be granted and the hearing reset at the December meeting of the Board.. Motion carried.

The Executive Secretary reported that the members of the Board who could schedule it were invited to a special table at the Central Chapter meeting of the ASPE.

There was no other report under this section.

REPORT OF RULES AND BY LAWS COMMITTEE

The formal hearing on the matter of the rule change was held as required in Arizona Revised Statutes on September 11th at 10:00 A.M. The rule change was taken under advisement as indicated above.

The schedules of terms of appointments of the members of this Board, as verified with the Secretary of State September 1, 1964, are as follows:

Dean Howard S. Coleman, appointed July 1, 1964, ex-officio member
 C. W. Dryden, appointed June 30, 1963, expires June 30, 1965.
 John Girand, appointed July 23, 1964, expires June 30, 1967.
 E. D. Herreras, appointed December 8, 1958, expired June 30, 1961.
 H. L. Royden, appointed June 22, 1964, expires June 30, 1965.
 Billy Joe Shell, appointed August 13, 1964, expires June 30, 1967.
 John H. Stufflebean, appointed April 2, 1964, expires June 30, 1966.
 Frederick P. Weaver, appointed August 13, 1964, expires June 30, 1966.
 Martin Ray Young, Jr., appointed June 22, 1964, expires June 30, 1965.

Under Section I, Paragraph 4, of the By-Laws, the following officers were elected for the year 1964-1965:

It was moved by Mr. Herreras and seconded by Mr. Girand that John H. Stufflebean be nominated for Chairman. Motion carried.

It was moved by Mr. Girand and seconded by Dr. Shell that nominations for the office of Chairman be closed. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Herreras that Frederick P. Weaver be nominated for Vice-Chairman. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Stufflebean that nominations for the office of Vice-Chairman be closed. Motion carried.

It was moved by Mr. Stufflebean and seconded by Dr. Shell that John Girand be nominated for Secretary. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Stufflebean that nominations for the office of Secretary be closed. Motion carried.

It was moved by Mr. Herreras and seconded by Dean Coleman that a unanimous ballòt be cast for Mr. Stufflebean as Chairman, Mr. Weaver as Vice-Chairman, and Mr. Girand as Secretary. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the Executive Secretary be instructed to write a letter of appreciation of service to any Board member whose term has expired. Motion carried.

REPORT ON EXAMINATIONS

Dr. Shell reported on the attendance of himself and Mr. Stufflebean at the recent meeting of NCSBEE in Philadelphia noting that progress had been made by this group on certain portions of major engineering examinations and that work on the model law of the NCSBEE continued under advisement. He further reported that the Fall examinations would be held October 17th and 18th for the engineers and that all examinations would be given in Tempe at Arizona State University except the Structural portions which will be held in the Guaranty Bank Building on October 19th.

At the request of NCSBEE, the Chair appointed Dr. Shell to be the corresponding member.

Dr. Shell presented to the Board for its consideration a suggestion that the Chair appoint advisory committeemen to aid members of the Board in each of the engineering disciplines, land surveying, assaying and geology. These advisory committeemen would assist the duly appointed Board member assigned with them as Chairman of the Advisory Committee and that the member chairman would be their contact with the Board. Dr. Shell further suggested that these advisory committeemen be appointed for a term possibly one or two years and that the committee within each discipline be made up as follows: Board member as Chairman ex-officio member, one committeeman from the field of education, one committeeman from industry, and one committeeman from government. It was further suggested that the colleges in Arizona, technical societies, and major industries be contacted regarding suggested committeemen.

It was moved by Mr. Girand, and seconded by Dr. Shell that the suggestions made here above be incorporated in a formal motion and that the new Chairman of the Board should appoint the committeemen and select the term of service. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that should NCSBEE have a national EIT examination for use in the 1965 examinations it be used by this Board. Motion carried.

Mr. Young reported on the Architectural examination date which will this year coincide with the Western Conference examinations and will be held in late December.

It was moved by Mr. Herreras and seconded by Mr. Weaver that the architectural examinations be given in conformance with the rules of the Western Conference of NCARB and the applicants not be permitted to carry with them copies of the questions. Motion carried.

REPORT OF N.C.A.R.B. COMMITTEE

Report of the attendance of the Board members at the NCARB annual meeting was covered in the minutes of June 25th and at this time Chairman Young called to the attention of the Board that the Western Conference appears to be functioning properly and that there was an executive meeting to be held in San Francisco later this year.

REPORT OF BUDGET COMMITTEE

The Executive Secretary reported that the annual budget for the year 1965-1966 had been filed with the proper authorities for presentation to the Legislature and that the financial cash position of the Board is as follows:

BUDGET REPORT

REPORT #2

DATE: September 1, 1964

Balance on Deposit as of July 1, 1964 - \$10,096.20

Appropriated receipts
this month - \$1,548.45

Balance on Deposit as of Report Date - \$ 4,708.32

Code No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #1	Total Expended to Date	Unencumbered Balance
110	Salaries	20,600.00	24,800.00	1,716.68	3,433.36	21,366.64
211	Postage	2,000.00	2,000.00	234.58	234.58	1,765.42
212	Telephone	1,080.00	1,000.00	72.81	72.81	927.19
220	Travel - State	2,500.00	1,500.00	0	100.00	1,400.00
230	Travel - Out/State	2,000.00	2,500.00	900.00	900.00	1,600.00
240	Prof. Services	5,000.00	4,000.00	0	0	4,000.00
262	Equip. - Maint.	200.00	300.00	0	105.00	195.00
293	Janitor Services	50.00	0	0	0	
295	Railway Express	30.00	30.00	0	0	30.00
296	Annual Report	1,500.00	1,500.00	0	0	1,500.00
299	Miscellaneous	1,200.00	0	29.61	29.61	(29.61)
310	Supplies	4,000.00	3,000.00	48.27	269.07	2,730.93
370	Const. & Mnt.Sply.	0	75.00	0	0	75.00
390	Photographs	75.00	0	0	0	
411	Rent - Office Equip.	429.14	0	0	19.50	(19.50)
413	Rent - Office	3,078.72	3,123.48	0	526.69	2,596.79
417	Rent - Other Off.	271.14	200.52	0	11.09	189.43
421	Bond - Officers	10.00	20.00	0	10.00	10.00
424	Insurance	75.00	50.00	0	0	50.00
425)	St. Ret.					
427)	OASI	1,500.00	1,500.00	0	172.12	1,327.88
430	Subsc. & Org. Dues	750.00	750.00	0	25.00	725.00
611	Office Equipment	1,000.00	1,000.00	0	0	1,000.00
931	Refunds	300.00	300.00	27.50	27.50	272.50
TOTALS		47,649.00	47,649.00	3,029.45	5,936.33	41,712.67

The Executive Secretary also reported that the renewal notices for 1965 had been mailed to most of the registrants.

REPORT OF GRIEVANCE COMMITTEE #1

Mr. Dryden submitted the following report of the meeting of Grievance Committee #1 held July 30th in the office of the Board and moved its adoption.

"Committee Members Present:

C. W. Dryden, Chairman
John Girand
H. L. Royden:

Frederick P. Weaver
Martin Ray Young, Jr.

The committee reviewed the complaint and notice on Wilfred R. McIlveen regarding Ranch of the Golden Horse, Unit 1, and concurred on its filing. The following persons were discussed as possible witnesses at this hearing: Lacy Camp Greer; James S. Mack, previous Vice-President of Union Title Co.; and Daniel Wier to be contacted regarding his serving as impartial expert.

The committee reviewed the complaint and notice of Robert M. Paulsell and concurred on its filing. The following persons were discussed as possible witnesses for this hearing: the manager of Cortero Water Users Association of Marana; representative of Continental Casualty; representative of Coe and Van Loo; and construction contractor, to secure, if possible, the deposition given by Paulsell in Tucson, and discuss with Carl Eyring of Salt River Project the name of an irrigation expert witness.

The committee discussed a letter from Richard A. McIntyre and eleven other Architects of the Phoenix area regarding the practice of David L. Metz, a non-registrant, and the job connection between Metz and Moote, Kempa, and Galloway on a 116-unit apartment complex on the northwest corner of Coulter and 7th Avenue, Kahnweiller-Simons, Contractor. The committee resolved on the information provided in the letter alone there was not sufficient evidence for action, and directed the Executive Secretary to reply to Mr. McIntyre advising him that additional data was needed, more specifically in the form of plans and specifications, and that the continued action of this group of Architects was necessary to bring the matter to conclusion.

The Executive Secretary reported on a non-registrant, Howard Madole, and his connection with Calvin Vanness, Architect. In connection with this matter that the Executive Secretary had on file copies of plans as filed with the City of Phoenix which indicated aiding and abetting of a non-registrant by Calvin Vanness. It was moved by Mr. Royden and seconded by Mr. Weaver that this committee recommend to the Board at its next meeting that Calvin Vanness be held for a formal hearing in the apparent violation of Section 32-128, A(3). Motion carried.

A letter from James F. Ellis regarding Charles C. Young, a non-registrant, was read to the Committee. The Executive Secretary was directed to reply to this letter and advise Mr. Ellis the Board is desirous of taking action against Mr. Young as soon as concrete information regarding his practice can be received. Mr. Ellis' continued efforts in securing documents by Mr. Charles Young was requested.

The committee was advised that Bob Norris of A.C.E.A. had requested consultation with the committee regarding minimum standards for electrical plans and specifications.

A letter from William A. Woolford, registration no. 5167, of Denver, Colorado, was read to the committee. Mr. Woolford's letter was in reply from a letter of the Board regarding the practice of architecture by a registered engineer on a Medical Center for Dr. Kahle in Flagstaff. Mr. Woolford's reply was deemed not satisfactory and he was requested to appear at an informal Grievance Committee hearing, scheduled for 9:00 A.M., September 11, 1964, in the auditorium of the Guaranty Bank Building.

Laszlo Sandor was mentioned by the Executive Secretary and Mr. Weaver regarding the office of the Board building up a file on his practice and association with Alfred A. Beadle.

In regard to Claude E. McLean and Holiday Inn, the committee recommends to the Board that a discussion of the responsibility of Testing Laboratories be undertaken by the Board. Copy of opinion by the Attorney General regarding testing laboratories is attached to this report.

The Executive Secretary discussed with the committee possible revision of the issuing of temporary certificates wherein it was the feeling of the office of the Board that an applicant for temporary certificate should appear in Arizona for pre-evaluation or personal audience before issuance.

Regarding the building addition drawn by Alfred Maggs, mechanical engineer, the committee resolved that since this addition was for his own property, there was no violation and no action could be recommended.

The matter of the Holy Cross Church, Scottsdale, Arizona, was discussed and when a complaint regarding this collapse was received in this office, further discussion would be taken.

The meeting adjourned at 4:00 P.M."

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

"Grievance Committee #1 convened at a special meeting at 9:00 A.M., September 11th, and the following persons were in attendance:

John Chopas	Monty Greene
Dick McIntire	Richard O. Nelson
Charles O. Biggs	Barrie H. Groen
John Dellisanti	Jack Kaufmann
Kemper Goodwin	Richard M. Miller
Eugene E. Keller	Mike Bosco

The Architectural registrants present at this Grievance Committee meeting presented to the Committee copies of numerous letters written to the Board and advertising data indicating that David L. Metz had apparently been listed as an Architect in connection with Castillian Village, a 116-unit townhouse development at the northwest corner of Coulter and 7th Avenue. The project is now reported under the name of Calvin H. Vanness as Architect.

Kemper Goodwin discussed with the Committee if there was a need for any changes which might strengthen the State Board of Technical Registration. There was also discussion concerning the relationship of David L. Metz and Moote, Kempa and Galloway on the same project. Mr. Eugene Keller, Attorney, appeared in behalf of his client in regards to Howard Madole and Calvin H. Vanness in Sedona. There was also a clipping available from a Sedona paper in which Mr. Madole was listed as an architect. At the conclusion of the presentation of those present, the Chairman of the Grievance Committee thanked them for their attendance and those persons were permitted to leave.

There was then presented to the Grievance Committee a set of plans on which the Architect or his employee had apparently misused the seal of a registered Electrical Engineer. The Executive Secretary was instructed to write the registrant involved concerning this matter.

Mr. William A. Woolford of Denver, Colorado, then appeared before the Grievance Committee in response to a request concerning the Medical Center for Dr. Kale in Flagstaff. Mr. Woolford was advised by the Committee that he would be notified of the results of this meeting.

Mr. Archie Brown appeared for Bill Keller of the Arizona Consulting Engineers Association and discussed some plans in his possession in which the work was apparently below minimum standards. No plans were presented to the Committee in the form of a complaint.

At the conclusion of the appearances of those concerned, the Committee makes the following recommendations to the Board:

1. That Calvin H. Vanness be held for a formal hearing in the matter of aiding and abetting on the residence for McMillan Construction Company, apparent aiding and abetting in the matter of Castillian Village, and apparent misuse of another registrant's seal (William Eugene Meier).
2. That the Executive Secretary and Assistant Attorney General write a letter for the Board to David L. Metz regarding his advertising for architectural services instructing him to desist and desist.
3. That William A. Woolford be held for a formal hearing for aiding and abetting a non-registrant in the matter of the Kale Medical Center in Flagstaff.

Grievance Committee #1 then recommends that it be dissolved until new appointments are made by Chairman Stufflebean."

It was moved by Mr. Dryden and seconded by Mr. Girard that the report of the meeting of Grievance Committee #1 held September 11th be accepted by the Board. Motion carried.

REPORT OF GRIEVANCE COMMITTEE #2

It was reported by Mr. Stufflebean that Grievance Committee #2 had held an informal meeting and had discussed the responsibilities of testing laboratories in Arizona. He further moved that Grievance Committee #2 investigate further testing laboratories and the opinion of the Attorney General regarding testing laboratories of August 5, 1963, and report to the Board at a later date.

REPORT OF SPECIAL COMMITTEES

Mr. Stufflebean submitted the following report of the special committee on office procedures and recommended its acceptance.

"A meeting of the Office Procedures Committee of the Arizona State Board of Technical Registration was held in the office of the Board on Monday, August 10, 1964, at 3:00 P.M.

Present: John H. Stufflebean, Chairman
John Girand
Fred Weaver
Walter Edelblut

Absent: None

1. The Committee reviewed the present application form for professional registration. The Secretary was directed to make some changes in the form which usage has indicated are most desirable.
2. The Committee authorized a complete change in the format of the EIT-GIT application form to the effect that the new EIT-GIT application form is similar if not identical to the present AIT form.
3. The above two actions were positively taken in view of the immediate necessity of reprinting these forms since our stock is depleted. It is therefore requested that the Board ratify at the September meeting the actions outlined above.
4. The Committee considered a request to purchase a new five-drawer steel filing cabinet. Following a thorough review of the usage of present filing cabinets, the Committee recommends to the Board denial of this request.
5. In lieu of the above request the Committee recommends to the Board approval to purchase a two-drawer filing cabinet for use of the stenographers.
6. In order to meet the demand which resulted in a request for the five-drawer filing cabinet, the Committee recommends to the Board that (a) the files of all registrants from 1921 to 1940 be removed from the office proper and placed in cardboard transfer cases to be stored in our dead storage compartment in the basement; (b) the Executive Secretary request proper permission and authority to destroy all files of DENIED applicants older than three years (this is the statutory period).
7. The Committee reviewed the bids or quotations received for processing the IBM cards for 1965 and recommends to the Board that Custom Data Processing Service be awarded this contract as the lowest and best bid. This bid was within the budgeted amount.

The meeting adjourned at 4:45 P.M."

It was moved by Mr. Girand and seconded by Mr. Weaver that the report of the Office Procedures Committee of August 10th be accepted. Motion carried.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the positive actions taken by the Office Procedures Committee in their meeting of August 10th be ratified by the Board. Motion carried.

Mr. Stufflebean submitted the report of the bid opening on the printing of the Annual Report and code books for the consideration of the members.

It was moved by Mr. Stufflebean and seconded by Mr. Herreras that the low bid of Sims Printing Company be accepted and that the other printers be thanked for their submitting proposals. Motion carried.

READING OF COMMUNICATIONS

The Executive Secretary read letter from Robert Lewis Malkin who requested reconsideration of the Board in registered Landscape Architects.

May I kindly request a current roster of licensed architects in the State of Arizona. It is my intention to relocate my practice to the State of Arizona in the near future, and the purpose of this request is to generally study the distribution of architectural practice throughout the State.

Although I realize (sic) Arizona does not have a "landscape architect's law", I did wish to inquire if any legislature has been attempted (sic) in this direction, or if any legislature is being currently proposed? As you probably know, eight states now have "landscape architect laws" and I, for one, hope to see a further extension of this type of legislature in many more states.

It was moved by Mr. Dryden and seconded by Mr. Weaver that Mr. Malkin be thanked for his interest and that the Executive Secretary convey to Mr. Malkin that under Arizona Statutes, landscape architects could not be considered for registration. Motion carried.

The Executive Secretary read letter from Guy V. LoStracco.

This will confirm our telephone conversation of earlier this week wherein I advised you that the Registrar of Contractors is arranging for a hearing relative to the referenced building.

Based on my personal investigation, I have reason to believe that the Board should ask Mr. Lloyd Pike, the Architect, whose seal appears on the drawings, to appear at that hearing and to answer questions that might be put to him by the parties concerned.

I would also ask that a representative of the Board be present, in order that the Board might have a first-hand report of any alleged irregularities within its jurisdiction that might develop in the hearing.

Unfortunately, the Registrar has not yet announced the date of hearing at this writing, but we expect that the same will be set for a date in late September or early October.

If you should have any questions, or if you should desire my appearance pursuant to this request, please advise me.

Thank you for your cooperation.

It was moved by Mr. Dryden and seconded by Mr. Weaver that Mr. LoStracco be thanked for his letter and that a member may attend as a visitor. Motion carried.

The Executive Secretary was first instructed to get a copy of the plans by request to Mr. Lloyd Pike, Architect, for consideration by the Board.

The Executive Secretary reported on a letter received from Mr. Charles W. Sippel, Jr., President of Magnet Mining Company regarding applicant Mr. Melvin H. Jones.

I recently learned that Melvin H. Jones, an applicant for registration as a geologist, was notified that he failed to pass the examination held by your Board. Instead of the courtesy of a letter outlining the area of failure, your office merely mails a curt card saying that he "failed" with no further explanation.

Mr. Jones is part of our organization and I have known him very well for a number of years and am aware that he is a most capable practicing geologist, and that you and your Board has treated him most unfairly. It has been learned that there is not a single geologist on the Board, and this a most serious deficiency, in my opinion. It is understood that the Board calls on a college professor to prepare and grade the examinations in the geological field. Obviously, someone who has taken the courses of instruction given by the "professor" would pass. I have examined the examination questions and find that they call for answers that are argumentive, controversial and arbitrary, and with such questions, the mere whim of the correcting individual would mean flunking or passing. The question dreamed up by the professor on placing an evaluation on mining property amused me as I imagine Mr. Jones flunked this also under the views of the professor. To my knowledge, Mr. Jones has evaluated six mining properties that have been sold based on his evaluation and both sellers and buyers were most satisfied. Perhaps the professors training in this is theoretical. May I add that I have some knowledge of technical and professional standards as I have my masters in Metallurgical engineering.

Mr. Jones is a mature individual approaching 60 years of age and we do not feel that the Board has given him proper consideration. It is well known that the Board can waive the examination, as has been done in the past many times. As the Board does not have a geologist as a member, its actions and decisions relating to geologists are questionable.

Under the circumstances, this Company and its affiliates, feel strongly concerning the practices of your Board as they relate to Mr. Jones, and we are withdrawing our intended support to the Board appointive authority, this election year, unless ameliorating action is taken without delay.

Dr. Shell reported on the evaluation by the Examination Committee on the examination submitted by Mr. Jones and now in question.

It was moved by Mr. Girand and seconded by Mr. Stufflebean that the recorded results on Mr. Jones' examination be re-affirmed and that the Executive Secretary so notify Mr. Sippel with a copy to the persons indicated as receiving copies of Mr. Sippel's letter. Motion carried.

The Executive Secretary reported on a letter received from Hawley & Hawley, Harold E. Richards, President, in April of this year and not reported at the June meeting. It was determined by Board discussion that no further action was required on this letter other than the answer by the Executive Secretary on April 27th.

I have had the pleasure of discussing the Registered Assayer situation with Dr. B. J. Shell, member of the Arizona State Board of Technical Registration, and he has suggested that I address the Board with a view to clarifying the assaying business as it exists today.

To begin with, the few practicing registered assayers remaining in the state are reaching retirement age, and no new generation of assayers is taking their place. Mr. Hawley is 84, Mr. Charles Diehl recently died, and Mr. Hugo Miller of Nogales died last year. Thus an era of small miners and individual independent assayers is coming to a close.

There are a number of reasons for this, the economics of mining probably being the most important. High grade ores are not as available as in the past, nor is low cost labor. Further, assayers did not keep up with the changing economy by raising their fees commensurate with the increasing cost of doing business, nor did they improve their techniques to match modern extractive metallurgy. The average principal in the assaying business has made less than \$1.50 per hour for his services in, say, the past ten years. This has been due to the price structure and the amount of work that he as an individual could turn out. As a result of these conditions there have been no new assayers entering the field, nor has there been an economic climate that would induce interested persons to invest in the business.

Due to the complexities of modern geology and metallurgy, the exacting requirements for commercial analysis now require infinitely more skills than can be expected of one individual. No one man can adequately render the complete laboratory service that was possible in years past and that the term "Registered Assayer" would imply.

Certainly the typical modest investment of, say, \$2000 per employee only a few years ago in facilities and equipment, as compared to \$10,000 plus per employee today by Hawley & Hawley, is one measurement of this change.

Another change is in the quality of work. As it is impossible for one man to be skilled in all phases of modern geology and metallurgy, today's needs require technicians to be specialists in limited areas of analysis, and by limiting the areas of responsibility, these technicians become highly skilled in their particular fields. For example, Hawley & Hawley is the only laboratory in the state doing umpire analyses for smelters and others both in Arizona and in other parts of the country. Our best umpire work is done by those technicians who for years have specialized in their particular analyses. These men have the highest degree of skill in their areas, but could not qualify for registration. Yet, as indicated by the company's position in the mining industry, they are more skilled in the analyses they do than a registered assayer might be. Under the present system it would be entirely possible for a man to be able to pass the necessary examinations to qualify him for registration, yet in a particular field he would not have the qualifications or the skills of a non-registered technician who has spent years in his specialty.

The reputation of Hawley & Hawley is not dependent upon any one person but upon the skills of many. It is doubtful in today's complex mining industry, that a complete analytical service would be possible on an individual basis without the organizing, financial and supporting services that an established organization can provide.

We therefore suggest that an investigation be made into public assaying. To this end we will be glad to give all the assistance we can in the way of data, practices of other states, etc., and any other information you may desire.

Mr. Lawson reported on an order of the Maricopa County regarding the formal dismissing in March, 1965, of an action filed by a registrant in 1959 for stay on revocation of license in Superior Court. It was determined by the Board that since the registrant had reapplied and had been re-registered, no further action was required.

Mr. Lawson also queried the Board on whether or not his office should endorse the disposal request of the Office Procedure Committee. He was so instructed that the Board action was to endorse this disposal.

The Executive Secretary read for the Board's information a letter by M. J. Sienerth, Superintendent of Building Inspections, to Chopas & Starkovich, Architects, relating to responsibility certificates. There was no action on this letter under the Board's jurisdiction and it was so noted.

READING AND CONSIDERING OF APPLICATIONS

It was moved by Mr. Weaver and seconded by Mr. Herreras 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.

5909

James Avery

10/10/64

Taylor, Shelby Robert
Thompson, Kenneth Charles
Wall, Thomas
Witner, James E.

AERONAUTICAL ENGINEERING

Logan, Earl, Jr. 5784
Meirovitch, Leonard 5785
Watson, Ronald 5876

CIVIL ENGINEERING

Allison, Marion Charles 5786
Baker, William Hugh 5787
Baruch, Richard Michael 5788
Blackmer, William H. 5789
Boyce, Russell Ivan 5790
Bratakos, Dimitrios Socrates 5791
Bronson, Gordon 5792
Budwig, Jerry L. 5793
Campbell, Donald Wilson 5794
Causey, David Frederic 5795
Click, David E. 5796
Condes de la Torre, Alberto 5797
Fox, Raymond H., Jr. 5798
Gomez, Rodrigo J. 5799
Hatton, Roger Lee 5800
Hickey, Edgar Benton 5801
Hiller, Vernon Thomas 5802
Johnson, Lewis Charles 5803
Kaestner, Robert David 5804
Keller, Charles Walter 5805
Land, Ray Vernon 5806
Loebs, T. L. 5807
Mann, Thomas Townsend 5808
Merrick, Sears Wood 5809

Milks, Donald Earle 5810
Miller, Donald Barrett 5811
Morgan, Donald Clifford 5812
Runner, Harold Gale 5813
Schaefer, Louis Orr 5814
Shepardson, Donald Eugene 5815
Sizemore, Wayland Wagener 5816
Smith, Boyd 5817
Starck, William G. 5818
Stevens, Alfred Gene 5819
Summers, Joseph Byrne 5820
Tan, Eng Pek 5821
Tate, Donnie Lafayette 5822
Thornton, William Edward 5823
Trueworthy, Ed B., Jr. 5824
van Gelder, William George 5825
Williamson, Douglas James 5826
Wong, Homer Shing 5827

ELECTRICAL ENGINEERING

Brierley, William Robert 5828
Butterweck, Howard William 5829
Henning, Eugene William 5830
Knapp, John Davis 5831
Nikolakopoulos, Alex 5832
Reading, William Harvey, III 5833
Thompson, Truet Bradford 5834
Torgerson, Verlin Gene 5835

ENGINEERING SCIENCE

Collins, John Adam 5877
Donnelly, Aaron V. 5836
Gupta, Someshwar Chander 5837
Kersten, Robert Donavon 5838
Myklestad, Nils Otto 5839
Thompson, Truet Bradford 5840
Turnbow, James W. 5841
Wallace, Charles Edward 5842

HIGHWAY ENGINEERING

Copple, Ray B. 5843
Gilbert, Thomas Barbee 5844
Noonan, Martin Hendrie 5845

INDUSTRIAL ENGINEERING

Beakley, George Carroll 5846
Bedworth, David D. 5847
Gambrell, Carroll Blake, Jr. 5848
Hoyt, Charles Dexter, Jr. 5849
Moan, Obert Benjamin 5850
Nutt, Merle Caro 5851
Pritsker, A. Alan B. 5852

MECHANICAL ENGINEERING		LAND SURVEYING	
Aufmuth, Raymond Berton	5853	Boyce, Russell Ivan	5869
Cantral, Roy Glenn	5854	Fraivillig, Leonard Martin, Jr.	5870
Park, Arthur C.	5855	McNeill, Thomas Benjamin	5871
Schumacher, Mark Weida	5856	Mann, Thomas Townsend	5872
Widener, Vaughn Wendall	5857	Martinez, Joseph G.	5873
		Pedersen, Reynold Larimore	5874
METALLURGICAL ENGINEERING		ASSAYING	
Ferguson, William Howard, Jr.	5858	Wright, Wilbur D.	5875
MINING ENGINEERING		ENGINEER-IN-TRAINING	
Tweedy, George A.	5859	Battles, Fred Clifton	453
		Carson, Kit P.	454
PETROLEUM ENGINEERING		Curtis, Evan H.	455
Dugan, Thomas Allen	5860	Fraser, Thomas L.	456
		Friedson, Harvey	457
STRUCTURAL ENGINEERING		Jensen, Hans Carl	458
Andrews, Eugene Raymond	5861	Krebel, Edgar A.	459
Buckmaster, B. Gail	5862	Leitzman, Robert Alan	460
Corkran, Frank Larkin	5863	Lewis, John F.	461
McCormick, Thomas Allen	5864	Little, Thomas Cutler	462
Preszler, Donald Lee	5865	Marietti, John J.	463
Thomas, David Robertson	5866	Mulligan, Donald E.	464
Young, Robert Andrew	5867	Niegocki, Fred Stanley	465
		Ritoch, John Michael	466
GEOLOGY		Rodgers, Chas. A., Jr.	467
Metz, Robert Allen	5868	Teorey, Toby J.	468
Warnock, George	5878	Treadwell, Donald Duncan	469

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

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

ARCHITECTURE

Bonelli, Edward Andrew	64-168	Herreras
Cowan, William Lawrence	64-265	Young
Cronin, James Robert	64-233	Young
McIntyre, Robert Thames	64-187	Weaver
Magee, Russell L.	64-235	Young
Porcarello, Patrick Henry	64-226	Young

CHEMICAL ENGINEERING

Nicol, David Leroy	64-196	Shell
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CIVIL ENGINEERING

Allen, Robert Paul	64-201	Dryden
Allsop, Lew Judd	64-242	Girand
Brancher, Peter George	64-219	Girand
Emmons, Robert Earl	64-223	Royden
Fawcett, Charles W., Jr.	64-264	Dryden
Hughes, Daniel C.	64-208	Stufflebean
Ladd, Scott Gerald	64-234	Girand
Palmer, Max Torrence	64-262	Girand
Peters, Paul Herman	64-225	Girand
Schroeder, Robert Donald	64-184	Stufflebean
Steinocher, Joseph J.	64-216	Dryden
Tocher, Frank Laurain	64-176	Dryden
Twiddy, David Allen	64-200	Stufflebean
Vanderhout, William	64-185	Stufflebean
Vest, Taylor Clark	64-258	Dryden
Welsh, Patrick G.	64-211	Dryden

ELECTRICAL ENGINEERING

Helber, Carl Albert	64-238	Royden
Zinder, David Aaron	64-212	Stufflebean

HIGHWAY ENGINEERING

Ward, Jack W.	64-251	Royden
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MECHANICAL ENGINEERING

Barstow, Carl K.	64-204	Stufflebean
Gyrog, Donald Alex	64-237	Stufflebean
McDonald, James G.	64-246	Royden
Sweeny, Edward Joseph, Jr.	64-217	Girand
Westerfeld, Robert Charles	64-218	Royden

METALLURGICAL ENGINEERING

McCarthy, Donald Paul	64-141	Shell
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STRUCTURAL ENGINEERING

Cashdan, Daniel Michael	64-169	Board
Emmett, Francis Robert	64-186	Shell
Fickel, Hans Heinz	64-236	Herrerias
Read, Charles Beverly, Jr.	64-214	Herrerias
Spitzer, Harry Jack	64-152	Shell

GEOLOGY

Courtright, James Harold	64-222	Shell
Shields, Jay Manville	64-250	Shell

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

CIVIL ENGINEERING

Gardner, Allan H.	64-243	Royden
Vick, Ermon Louis	64-117	Dryden

ELECTRICAL ENGINEERING

Dimford, Bernard John	64-135	Shell
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GEOLOGICAL ENGINEERING

Gallaher, Billy Jack	64-206	Shell
Scott, Lewis E.	64-227	Shell

HIGHWAY ENGINEERING

Bartol, Robert James	64-213	Dryden
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SANITARY ENGINEERING

Hirlinger, Karl Andreas	64-207	Shell
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LAND SURVEYING

Vick, Ermon Louis	64-118	Dryden
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- III. It was moved by Mr. Weaver and seconded by Dean Coleman that the following applicants whose records indicate written evidence of proficiency for professional registration is required be held for the professional examination indicated to demonstrate such proficiency. Motion carried.

The Chair noted and directed the recording that Mr. E. D. Herreras disqualified himself and was excused during the discussion of applicant #64-220, P. J. Clovicko, Jr.

ARCHITECTURE

Chann, Earl Kai	64-229	Young	D, E, F, H
Clovicko, Philip Jerome, Jr.	64-220	Board	C, D, E, F, G, H, I
Johns, Lloyd Lee	64-98	Herreras	C, D, E, F, G, H, I
Nathan, Max Martin	64-62	Herreras	D, E

CIVIL ENGINEERING

Cannon, Jerry Allen	64-231	Herreras	Parts 3 and 4
Dooley, Eugene William	64-209	Girand	Parts 3 and 4
Dye, Bill Thomas	64-275	Girand	Parts 3 and 4
Girand, Jon	64-230	Royden	Parts 3 and 4

Kennison, David Lee	64-224	Royden	Parts 3 and 4
Leavitt, Jack Atherton	64-239	Girand	Parts 1, 3 and 4
Peterson, Reed Joseph	64-263	Girand	Parts 3 and 4
Shreeve, Franklin Keith	64-179	Royden	Parts 3 and 4
Swartz, Reginald	64-241	Royden	Parts 3 and 4
Thomas, Tom W.	64-228	Dryden	Parts 3 and 4
Westhoff, James R.	64-252	Girand	Parts 3 and 4

ELECTRICAL ENGINEERING

Garde, Lawrence	64-138	Stufflebean	Parts 1, 2, 3, 4
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MECHANICAL ENGINEERING

Ekstrom, Walter Frederick	64-255	Girand	Parts 3 and 4
Funk, Fredric Myron	64-260	Royden	Parts 1, 2, 3, 4
Kersten, Donald Jay	64-267	Dryden	Parts 3 and 4

MINING ENGINEERING

Hood, Milton W.	64-247	Shell	Parts 3 and 4
King, Howard G.	64-159	Shell	Parts 3 and 4

STRUCTURAL ENGINEERING

Cannon, Jerry Allen	64-232	Herrerias	Parts 3, 4, 5, 6
Coffeen, Hale Lanpher	64-221	Shell	Parts 4, 5, 6
Westhoff, James R.	64-253	Girand	Parts 3, 4, 5, 6

GEOLOGY

Sampson, Henry Hogg, Jr.	64-197	Shell	Parts 3 and 4
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LAND SURVEYING

Dobson, Anthony Holmes	64-271	Dryden	Parts 3 and 4
Johnson, Howard Robert	64-158	Dryden	Parts 1, 2, 3, 4
Kolstad, Merwyn Carol	64-190	Dryden	Parts 3 and 4
Trammell, R. V.	64-257	Dryden/Royden	Parts 3 and 4

IV. It was moved by Mr. Dryden and seconded by Mr. Stufflebean that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated. Motion carried.

ARCHITECTURE

Cramer, Donald Harvey	64-4	Weaver	\$10.00
Flynn, James Thomas	64-205	Weaver	\$10.00
McKenzie, Robert Francis	64-202	Weaver	\$10.00
Pace, Fred Rankin	64-210	Herrerias	\$10.00
Reed, John August	64-113	Board	\$10.00

LAND SURVEYING

King, Glenn Edward, Jr. 64-270 Dryden \$5.00

V. It was moved by Mr. Stufflebean and seconded by Mr. Weaver that the following applicants be held in abeyance for the action indicated after their names. Motion carried.

ARCHITECTURE

Davis, Eldon Carlyle 64-259 Weaver Completion of Temporary Certificate project

HIGHWAY ENGINEERING

Osmus, Howard Martin 64-279 Board Completion of written examination (Civil 3)

It was moved by Dr. Shell and seconded by Mr. Weaver that the following applicants be denied without prejudice and without refund at their request. Motion carried.

ARCHITECTURE

Blair, Billy Joe 63-571
Frantz, Randolph 64-7
Peabody, Arthur Walter 63-307

CIVIL ENGINEERING

Koehrsen, Lawrence Gilbert 64-160
Kornman, Paul E. 64-10

ELECTRICAL ENGINEERING

Cuellar, Oscar Leon 63-272

MECHANICAL ENGINEERING

Pierson, Richard Kelley 64-32

STRUCTURAL ENGINEERING

Arensman, Elton Eugene 64-131
Borgman, John Richard 63-526
Murchison, Jack Hale 63-517

It was moved by Mr. Dryden and seconded by Mr. Stufflebean that the following applicants be denied for failure to complete the requirements of the Board within a reasonable length of time. Motion carried.

CIVIL ENGINEERING

Deardorff, Henry Floyd 63-329
Lederman, William Karl 63-345

STRUCTURAL ENGINEERING

Birnbaum, Eugene David 63-500

It was moved by Mr. Girand and seconded by Dean Coleman that the request by Howard H. Dana, #64-49, for reconsideration be handled in the following manner: Mr. Dana to file a new application blank without additional fee and provide the office with copies of transcripts from Hamilton College and Princeton University and file a list of the purported \$10,000,000 in projects together with working drawings, pictures or renderings for evaluation prior to determining if a comprehensive oral examination should be substituted for the scheduled written examinations. Motion carried.

UNFINISHED BUSINESS

The Chair reported that the Board, having accepted the recommendations of Grievance Committee #1 and having continued the formal hearing on Robert M. Paulsell, Complaint #6488, that the dates of these should here be established.

It was moved by Mr. Girand and seconded by Mr. Dryden that Robert Marvin Paulsell be held for disciplinary action under ARS 32-128 in that incompetency was indicated in the practice of his profession in the preparation of the design for Cortero-Moreno Farms Irrigation District. Motion carried.

It was moved by Mr. Herreras and seconded by Dean Coleman that a formal hearing be held in the matter of Robert Marvin Paulsell on December 3, 1964, beginning at 9:00 A.M. Motion carried.

It was moved by Mr. Weaver and seconded by Mr. Stufflebean that Calvin H. Vanness be held for disciplinary action under ARS 32-128 in that aiding and abetting and apparent misuse of another registrant's seal was indicated in the practice of his profession, and the Secretary of the Board be directed to file a verified complaint charging Mr. Vanness with commission of an offense subject to disciplinary action and to give notice to Mr. Vanness of a formal hearing. Motion carried.

It was moved by Dr. Shell and seconded by Mr. Girand that a formal hearing be held in the matter of Calvin H. Vanness on December 4, 1964, beginning at 9:00 A.M. Motion carried.

It was moved by Mr. Dryden and seconded by Mr. Herreras that William A. Woolford be held for disciplinary action under ARS 32-128 in that aiding and abetting was indicated in the practice of his profession, and the Secretary of the Board be directed to file a verified complaint charging Mr. Woolford with commission of an offense subject to disciplinary action and to give notice to Mr. Woolford of a formal hearing. Motion carried.

It was moved by Dean Coleman and seconded by Dr. Shell that a formal hearing be held in the matter of William A. Woolford on a subsequent date selected at the next Board meeting. Motion carried.

It was moved by Mr. Stufflebean and seconded by Mr. Girand that the formal hearing on the proposed rule change be held on December 4, 1964, beginning at 8:30 A.M. Motion carried.

NEW BUSINESS

The Chair selected the date of 8:30 A.M., December 3rd, for the next regular meeting of the Board and said meeting to continue through December 4th and 5th.

Mr. Girand reported on the proposed changes to the engineer registration as drafted by Hale Tognoni of A.S.P.E. He at that time submitted his comments to the members in written form.

The Architectural members of the Board reported that they proposed that the A.I.A. take this matter under advisement. The Board resolved that although as a unit no formal action could or should be taken, the members as individuals could indicate their approval or disapproval as they so desire.

Mr. Girand reported on a proposal by the Consulting Electrical Engineers for proposed minimum standards similar to those minimum standards adopted on architectural drawings.

It was moved by Mr. Girand and seconded by Mr. Herreras that the following minimum standards of electrical requirements be circularized to the Chairmen of Grievance Committees #1 and #2 for their use when a matter of questionable ethics is being investigated in this area. Motion carried.

The following items are considered the very minimum requirements for any formal electrical plans and specifications:

- A. Show location of outlets, receptacles and junction boxes for all electrically operated devices.
- B. Indicate size of conduits and wiring with number of conductors for branch circuits and specifications.
- C. Show panelboard schedules with breaker or fuse sizes for all divisions of load from service entrance section to and including all panels and electrical devices with separate feeds.
- D. Show panelboard schedules with breaker or fuse sizes for all divisions of load from service.

(Continued on next page)

These minimums are applicable to the very smallest commercial and industrial projects, and could apply to custom residential as well.

Additional requirements are necessary for projects that increase in size, complexity and cost.

1. AIA electrical requirements for small residences up to 2,000 square feet is satisfactory, namely, outlets, switches, receptacles and panel locations. It would be desirable to include voltage and ampere ratings for any special purpose receptacle or device.
2. For residences over 2,000 square feet and small commercial and industrial projects under \$25,000.00 cost, the four recommended minimum items again apply together with the AIA suggested requirements. In addition, the size and type of service entrance or main switching center should be shown along with the method of installing the electrical lines to the serving utility system. Also, the voltage and ampere rating for all receptacles and special devices should be included.
3. For all buildings over \$25,000.00 in cost, the minimums outlined in the four paragraphs together with the AIA suggested minimums must apply. The suggested additional requirements for Paragraph 2 should become a definite requirement for large projects.

For any project over the AIA determined minimum of \$25,000.00, these items are absolutely essential to a complete electrical design.

1. Site plan with all utilities and connection details shown.
2. Floor plans to locate all outlets, receptacles, switches, signal safety telephone and inter-communication systems conduit runs shown and identified with type and sizes and number of wires in each, whenever they differ from minimum specification requirements. Voltage and amperes for all special outlets and devices to be included. Circuit to be labeled and panel schedules to show phasing and loads.
3. Provide complete power distribution system and rise diagrams. Include all major equipment such as air conditioning, heating, ventilating pumps, etc. Give circuit breaker and/or fuse sizes for all equipment and devices connected directly or on separate circuits. Include feeder and branch circuit sizes and protection ratings.
4. Service entrance and metering requirements, methods of connection, sizes and connection details should be a part of all major projects.

5. Calculations for electrical requirements, by code method and/or as directly determined from design data and connected loads summarized from actual panel schedules and riser diagrams, must be included.

Chairman Young surrendered the operation of the Board to the new officers elected for the coming year.

Chairman Stufflebean accepted and thanked Mr. Young for his service during the past year to the operation of the Board.

Before adjourning the meeting, Chairman Stufflebean indicated that committee appointments, until the new list was mailed to the Executive Secretary, stood, and when received the new appointments would be listed in these minutes.

- EXECUTIVE COMMITTEE: All members of the Board
- BY-LAWS AND RULES COMMITTEE:
CHAIRMAN: Howard Coleman, P.E.
Charles Dryden, P.E., RLS
Bill Shell, P.E.
- PUBLIC INFORMATION COMMITTEE: All members of the Board
- NCARB COMMITTEE:
CHAIRMAN: Martin Young, A.I.A.
E. D. Herreras, P.E., A.I.A.
Fred Weaver, F.A.I.A.
- BUDGET COMMITTEE:
CHAIRMAN: Charles Dryden, P.E., RLS
John Girand, P.E.
H. L. Royden, P.E.
- GRIEVANCE COMMITTEE NO. 1:
CHAIRMAN: H. L. Royden, P.E.
Charles Dryden, P.E., RLS
John Girand, P.E.
Fred Weaver, F.A.I.A.
Martin Young, A.I.A.
- GRIEVANCE COMMITTEE NO. 2:
CHAIRMAN: E. D. Herreras, P.E., A.I.A.
Howard Coleman, P.E.
Bill Shell, P.E.
- ARCHITECTURAL EXAMINATION SPECIAL COMMITTEE:
CHAIRMAN: Fred Weaver, F.A.I.A.
E. D. Herreras, P.E., A.I.A.
Martin Young, A.I.A.
- EXAMINATION SPECIAL COMMITTEE (Other than Architectural):
CHAIRMAN: Bill Shell, P.E.
Howard Coleman, P.E.
Charles Dryden, P.E., RLS

OFFICE PROCEDURES SPECIAL COMMITTEE:

CHAIRMAN: John Girand, P.E.
H. L. Royden, P.E.
Martin Young, A.I.A.

NCSBEE SPECIAL COMMITTEE:

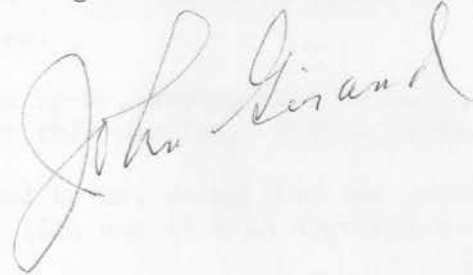
CHAIRMAN: Bill Shell, P.E.
Howard Coleman, P.E.
H. L. Royden, P.E.

ELECTRICAL MINIMUM STANDARDS AD HOC COMMITTEE:

CHAIRMAN: Fred Weaver, F.A.I.A.
John Girand, P.E.
E. D. Herreras, P.E., A.I.A.

ADJOURNMENT

Chairman Stufflebean adjourned the meeting of the Board until the next scheduled date established.



MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION
December 3, 4, 1965 1965

The meeting of the State Board of Technical Registration was called to order by Mr. John H. Stufflebean, Chairman, in the Auditorium of the Guaranty Bank Building, 3550 N. Central Avenue, Phoenix, Arizona, at 8:40 A.M. on December 3rd.

PRESENT

- John H. Stufflebean, Chairman
- Frederick P. Weaver, Vice-Chairman
- Howard S. Coleman
- C. W. Dryden
- E. D. Herreras
- H. L. Royden
- B. J. Shell
- Martin Ray Young, Jr.
- Jerry Lawson, Assistant Attorney General

ABSENT

- John Girand, Secretary

It was moved by Mr. Young and seconded by Mr. Royden that Frederick P. Weaver, Vice-Chairman, be acting secretary for this meeting. Motion carried.

It was moved by Mr. Royden and seconded by Mr. Young that the minutes of the meeting of the Board on September 10th and 11th be approved as written and presented. Motion carried.

Chairman Stufflebean suspended the agenda to first recognize Eldon C. Davis, #64-229, Architect, who appeared to discuss reconsideration of his application. Mr. Davis was thanked for his appearance before the Board and advised by Chairman Stufflebean that he would be notified of the action taken by the Board on his request for reconsideration.

At 9:00 A.M., December 3rd, the Chairman again suspended the agenda so the Board could sit for a formal hearing on Complaint #64-88 against Robert M. Paulsell, a registered Professional Engineer (Civil), in the matter of his engineering design for Cortaro Water Users Association. Mr. Paulsell was represented by Mark I. Harrison, Attorney, Langerman & Begam, 111 W. Monroe, Phoenix, Arizona, and the official court reporter for this hearing was Robert R. Milburn. Hearing was concluded at 5:30 P.M., December 3rd.

The Board reconvened at 8:30 A.M., Friday, December 4th, to hold a formal hearing on change to the Rules and Regulations of the Board which were properly advertised and certified to the Secretary of State as being held this date. The rule change under discussion is as follows:

RULE IV. SEALS AND IDENTIFYING MARKERS FOR REGISTRANTS

1. Description of Seals - No Change
2. Use of Seals - No Change
3. Seals, Securing - No Change

- 4. Identifying Markers, Securing - Registered Land Surveyors and registered Professional Engineers, when engaged in land surveying, shall secure at their own expense metal rods, pipes, tags, caps or embossed nails which shall show the registrant's Arizona Registration Number as issued by the State Board of Technical Registration and each registration number shall be prefixed by the letters L.S. or P.E., respectively, as the case may be.

- 5. Use of Identifying Markers - Registered Land Surveyors and registered Professional Engineers, when engaged in Land Surveying, shall securely attach one identifying marker to every permanent survey point set during the practice of surveying tracts of land for the determination of their correct locations.

Report of this formal hearing is covered under Rules and By-Laws Committee. James O. Read was present at the hearing representing American Congress on Surveying and Mapping.

At the conclusion of the formal hearing on the rule change, the Board formally met to discuss and act upon Complaint #64-88 against Robert M. Paulsell, a registered Professional Engineer (Civil).

It was moved by Mr. Royden and seconded by Dean Coleman that Mr. Robert M. Paulsell was guilty of incompetence in the hydraulic design portion of his design for Cortaro Water Users Association. The recorded vote was eight ayes, no nays. Motion carried.

It was moved by Dean Coleman and seconded by Mr. Young that Mr. Robert M. Paulsell was not guilty of incompetence in the practice of his profession. The recorded vote on this motion was eight ayes, no nays. Motion carried.

It was moved by Dean Coleman and seconded by Mr. Dryden that the following reprimand be sent in letter form to Mr. Paulsell with copy to his attorney. Motion carried.

You are hereby advised that as a result of evidence introduced at the formal hearing on the above captioned matter before the State Board of Technical Registration on December 3, 1964, the Board finds you not guilty of incompetence in the practice of engineering. However, as a result of your actions as determined from the evidence introduced at the aforementioned hearing, the Board does reprimand you for undertaking a project which was not successfully completed to the client's requirements.

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

An engineer does not have free reign to attempt any project that might be covered by his license. Instead he must protect the public by undertaking only those projects which his training, ability and experience have qualified him to accomplish. Over-ambition, bravado and solo performances are not the most admirable traits of a professional. The public has a right to expect the best of engineering design and analysis from a licensee of this Board. To the extent that we undertake to perform that which in reality we cannot accomplish we have failed not only ourselves but all those that practice our profession.

The Board recognizes your acceptance of your error and your attempt at correction. However, it should be remembered by you that the client never did receive the project that he anticipated when he entered a contract for your professional services. As a result, the entire profession as well as yourself is a little poorer.

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

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

It was moved by Mr. Dryden and seconded by Mr. Weaver that the reprimand be made a part of the official record of the Board. Motion carried.

At 9:30 A.M., the Board again suspended the agenda to sit as a formal hearing in the matter of Complaint #64-89 against Calvin H. Vanness, a Registered Architect, charged with aiding and abetting and other misconduct in the practice of his profession. The court reporter for this hearing was Robert R. Milburn and Mr. Vanness was not represented by counsel. All witnesses subpoenaed by the Board under Complaint #64-89 were present or properly excused by the Board. Mr. Jerry Lawson, Assistant Attorney General, opened the hearing by informing Mr. Calvin H. Vanness that it was customary and he was advised that he could be represented by counsel. Mr. Vanness advised the Board that he chose to act as his own counsel and desired that the hearing proceed. Hearing was concluded at 3:30 P.M.

At the conclusion of the formal hearing on Complaint #64-89, the Board began its regular meeting, discussing and taking action first on Complaint #64-89, Calvin H. Vanness, and then the other matters on the published agenda. Mr. H. L. Royden was excused and did not vote on the complaint.

In the matter of Calvin H. Vanness, it was moved by Dean Coleman and seconded by Mr. Weaver that in Count 1 of above referenced complaint, Mr. Vanness was guilty as charged. The recorded vote on this motion was seven ayes, no nays. Motion carried.

It was moved by Dean Coleman and seconded by Mr. Weaver that Mr. Vanness was not guilty in Count 2 of the above referenced complaint. The recorded vote on this motion was seven ayes, no nays. Motion carried.

It was moved by Mr. Young and seconded by Mr. Weaver that the certificate of registration of Mr. Calvin H. Vanness, Registration Number 3008, be suspended as of this date for a period ending December 31, 1965. The recorded vote on this motion was seven ayes, no nays. Motion carried.

Mr. Vanness was notified of the action of the Board as per copy of letter following by registered mail #17015, return receipt, and received said notice December 10, 1964.

You are hereby advised that as a result of evidence introduced at the formal hearing on the above captioned matter before the State Board of Technical Registration on December 4, 1964, the Board finds you guilty as charged in Count #1 of the above referenced complaint and finds you not guilty of the charge contained in Count #2.

Be you further advised that the State Board of Technical Registration has ordered the suspension of your certificate of registration for a period commencing December 4, 1964, and ending December 31, 1965.

I have been further instructed by the State Board of Technical Registration to request the return of your certificate and seal, at once, to the office of the Board. These items will be held by the Board for the duration of your suspension.

REPORT OF THE EXECUTIVE COMMITTEE

Chairman Stufflebean discussed with the members of the Board testing laboratories and their place in registration based upon a letter dated August 5, 1963, by Robert W. Pickrell, Attorney General, in the light of current practices of testing laboratories in the Phoenix and Tucson areas. The Board referred the matter to the Chairman of Grievance Committee No. 2 for further study.

REPORT OF THE RULES AND BY-LAWS COMMITTEE

It was moved by Dean Coleman and seconded by Mr. Dryden that the rule change for which formal hearing was held this date be adopted as recorded in these minutes and that the Secretary of State be notified that such rule was adopted. Motion carried.

The Rules and By-Laws Committee instructed the Executive Secretary to notify all registrants with their annual renewal notice that the rule was adopted and was to be complied with effective January 1, 1965.

REPORT OF THE EXAMINATION COMMITTEE

Dr. Shell presented the report of his committee on the October Engineer-in-Training and Professional Engineer examinations and recommended their certification.

It was moved by Mr. Dryden and seconded by Mr. Weaver that the grades be accepted and recorded. Motion carried.

Dr. Shell informed the Board of the progress being made on the uniform Engineer-in-Training examination and the possibility of Arizona using this examination in the Spring of 1965.

Mr. Weaver reported that the Architectural examinations are scheduled for December 18th, 19th, 20th, and 21st and that the examination would be the Western Conference of Architectural Registration Boards uniform examination.

The Board tentatively selected April as the date of the Spring engineering examinations subject to Dr. Shell's report on the release date of the uniform Engineer-in-Training examination.

CIVIL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
64-1	Barlett, John Eugene	P	P	F	85	4
* 64-231	Cannon, Jerry Allen	Ex	Ex	70	90	3, 4
64-181	Chambers, Ray Herman	Ex	Ex	F	72	4
63-489	Delaney, John Leo	Ex	Ex	F	70	4
* 64-209	Dooley, Eugene William	Ex	Ex	70	95	3, 4
64-6	Duncan, Hubert Anthony	P	P	F	81	4
63-331	Duval, James Wesley	F	F	74	P	3
* 64-275	Dye, Bill Thomas	Ex	Ex	75	70	3, 4
* 62-54	Findlay, Frank McRae	Ex	Ex	74	P	3
* 63-506	Fraivillig, Leonard Martin, Jr.	Ex	Ex	P	75	4
64-8	Gilbert, Andrew J.	P	P	F	F	
64-230	Girand, Jon	Ex	Ex	81	F	3
60-18	Gostinski, Leonard	F	72	F	P	2
* 62-68	Gutierrez, Rosendo, Jr.	P	88	P	P	2
* 62-70	Halderman, Allan Dale	Ex	Ex	72	P	3
* 64-44	Hardin, Jeff Donald	P	Ex	P	71	4
62-217	Hebert, Glenn L.	Ex	Ex	F	F	
64-27	Johnson, Burgh Rutledge	F	F	F	F	
63-342	Johnson, Robert Roland	F	88	F	P	2
64-224	Kennison, David Lee	Ex	Ex	78	F	3

CIVIL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
61-46	Kienitz, Robert D.	Ex	Ex	F	P	
64-57	Lizardi, Joe Haro	P	P	F	F	
* 63-117	McGlamery, Donald B.	P	P	70	P	3
* 62-122	Marshick, Allan Russell	P	P	75	P	3
* 63-195	Martin, Charles Edgar	P	P	P	70	4
63-348	Miller, Roy C.	Ex	Ex	F	Ex	
* 63-200	Morgan, John Beaumont	Ex	Ex	75	80	3, 4
63-546	Myers, Adelbert Austin	P	P	F	72	4
63-196	Neeb, Lewis S.	P	P	F	P	
* 62-147	O'Dell, William Lee	P	P	P	80	4
* 62-151	Osmus, Howard M.	Ex	Ex	70	P	3
* 64-263	Petersen, Reed Joseph	Ex	Ex	80	82	3, 4
63-351	Pollock, Adrian Roy	P	P	P	F	
* 63-352	Quick, Bayard Rollin	Ex	Ex	90	Ex	3
60-39	Ramsey, William A.	70	F	75	90	1, 3, 4
63-554	Randall, Bud Carlisle	F	F	F	F	
* 61-86	Ratermann, Mark J.	P	78	P	P	2
60-41	Roe, E. Chester	Ex	Ex	F	P	
* 64-115	Semmens, Robert Fellows	Ex	Ex	80	80	3, 4
64-179	Shreeve, Franklin Keith	Ex	Ex	F	92	4
61-96	Smith, Robert H.	F	F	F	P	
61-99	Soyster, George W.	F	F	F	P	
63-563	Stewart, John McLeod, Jr.	P	P	F	P	
* 64-241	Swartz, Reginald	P	P	70	80	3, 4
64-153	Talbert, Carroll Guy	F	F	85	F	3
* 64-228	Thomas, Tom W.	P	P	90	80	3, 4
* 63-361	Warner, Oliver Zieger, Jr.	P	P	75	85	3, 4

CIVIL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
* 64-252	Westhoff, James R.	Ex	Ex	75	100	3, 4
* 64-77	Whittlesey, Gerald Blair	P	P	98	P	3
62-208	Wigal, D. V.	P	P	P	F	
61-113	Wittman, Joseph M.	Ex	Ex	F	P	
62-214	Wolfe, Donald Rex	P	P	F	P	
64-76	Womack, Luther Dale	P	P	F	80	4
* 62-216	Wright, Paul M.	Ex	Ex	70	P	3

CHEMICAL ENGINEERING

* 64-134	Casella, Frank Anthony	Ex	Ex	F	F	
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ELECTRICAL ENGINEERING

* 64-86	Allinder, Ben Lee	P	P	76	86	3, 4
64-126	Black, Charles Robert	Ex	Ex	F	F	
* 63-486	Campbell, Jeff Clark	Ex	Ex	Ex	90	4
64-170	Fessler, Albert Louis	Ex	Ex	F	73	4
61-29	Garrod, Thomas W., Jr.	Ex	Ex	F	P	
* 64-26	Glass, Tomas J.	Ex	Ex	P	88	4
* 62-67	Gross, Gerald	P	P	70	P	3
* 63-270	Jansen, Harry B.	Ex	Ex	Ex	70	4
* 64-28	Jones, Robert Leonard	Ex	Ex	75	85	3, 4
64-58	Lundmark, George Edward	Ex	Ex	F	F	
60-30	Martin, Lonnie D.	Ex	Ex	F	P	
* 63-271	Oliver, John K., Jr.	80	86	80	P	1, 2, 3
* 63-261	Young, W. Fred	Ex	Ex	Ex	71	4

MECHANICAL ENGINEERING

63-484	Allen, Terry S.	Ex	Ex	F	77	4
* 64-124	Andresen, Hermann Raster	P	P	75	97	3, 4
* 64-2	Billings, Carl Henry	Ex	Ex	92	80	3, 4

MECHANICAL ENGINEERING

No.	Name	1.	2.	3.	4.	Passed
62-34	Christoph, Chris	Ex	Ex	F	F	
63-50	Egleston, Roger Lee	Ex	Ex	F	F	
* 64-255	Ekstrom, Walter Frederick	P	P	70	79	3, 4
62-53	Festin, Glen Robert	Ex	Ex	P	F	
63-376	Goebel, Eugene C.	Ex	Ex	F	F	
* 62-73	Harvey, James Robert	P	P	P	73	4
* 64-267	Kersten, Donald Jay	Ex	Ex	85	87	3, 4
* 63-537	Kilcullen, William Joseph	Ex	Ex	84	75	3, 4
* 64-123	Martens, Stuart Wayne	Ex	Ex	75	85	3, 4
64-111	Peterson, James Rodney	Ex	Ex	F	75	4
63-384	Selby, Herbert Raymond, Jr.	Ex	Ex	P	F	
* 63-197	Smith, James Hubert	Ex	Ex	P	70	4

HIGHWAY ENGINEERING

64-163	Sindel, Fred	70	70	F	F	1, 2
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MINING ENGINEERING

64-247	Hood, Milton W.	Ex	Ex	F	F	
* 62-111	Lewis, Ezra Harold	P	98	P	P	2

STRUCTURAL ENGINEERING

		1.	2.	3.	4.	5.	6.	
64-232	Cannon, Jerry Allen	P	P	70	90	90	F	3, 4, 5
64-128	Fishkin, Robert Earl	Ex	Ex	Ex	Ex	F	70	6
64-25	Fulgenzi, John Alfred	Ex	Ex	F	F	P	70	6
63-532	Glaser, Carl Leo	Ex	Ex	Ex	Ex	F	F	
63-590	Goessmann, William John, Jr.	Ex	Ex	Ex	Ex	F	72	6
62-76	Hollman, Edgar Adams	Ex	Ex	Ex	Ex	P	F	
* 62-135	Morgan, John Beaumont	Ex	Ex	75	80	P	P	3, 4
64-82	Parke, Robin Eli	Ex	Ex	Ex	Ex	70	F	5

STRUCTURAL ENGINEERING

No.	Name	1.	2.	3.	4.	5.	6.	Passed
63-269	Pell, Fredric R.	Ex	Ex	F	F	F	F	
63-399	Rodowicz, Stefan Joseph	Ex	Ex	F	P	F	F	
* 64-253	Westhoff, James R.	Ex	Ex	75	100	75	85	3, 4, 5, 6

LAND SURVEYING

		1.	2.	3.	4.	
62-6	Anderson, John Calvin	P	F	P	P	
64-271	Dobson, Anthony Holmes	Ex	Ex	F	F	
63-415	Jasmann, Myron Gene	F	F	75	F	3
61-84	Preble, Robert Emmett	F	P	71	F	3
63-420	Ramey, Paul Wayne	F	70	F	F	2
* 63-559	Rountree, J. W. Kent	72	71	P	P	1, 2
64-257	Trammell, R. V.	Ex	Ex	F	74	4
63-165	Voss, Jimmie E.	P	F	F	P	
63-422	Warner, Oliver Zieger, Jr.	F	80	P	P	2
64-20	Willow, Robert E.	Ex	Ex	F	78	4
63-568	Wold, Russell D.	F	P	F	F	
* 63-499	Yowell, Thomas Alfred	72	P	P	P	1

GEOLOGY

* 63-403	Caviness, Clyde Roy	P	P	76	70	3, 4
* 64-193	Gould, Walter Royle	Ex	Ex	70	84	3, 4
* 64-197	Sampson, Henry Hogg, Jr.	Ex	Ex	76	80	3, 4
64-21	Youell, James Robert	F	P	72	F	3

GEOLOGIST-IN-TRAINING

		1.	2.
64-1	Boltz, Barbara Bradstreet	F	F
64-2	Langland, Leo Lee	F	F

ENGINEER-IN-TRAINING
Under New Rules

No.	Name	Grade	Passed
* 64-51	Brown, Carlton Edwin	79	P
64-49	Burcham, Enis V., Jr.	F	
* 64-52	Campbell, Clarence	75	P
* 64-46	Campbell, Paul L.	75	P
64-47	DeWitt, Dennis LeRoy	F	
* 64-37	Fromm, Richard G.	78	P
* 64-41	Garrison, Grove Morgan	86	P
* 64-45	Girand, Michael	82	P
64-11	Harris, Ronald Lee	F	
64-42	Hatcher, Otto	F	
* 64-54	Hochgraef, William Woodbridge	78	P
* 64-44	Lloyd, William H.	95	P
* 64-43	Murphy, William J.	87	P
* 64-50	Owen, T. Gerald	85	P
* 64-53	Quinn, Gerard T.	77	P
* 64-38	Raymo, William J.	79	P
* 64-9	Rider, David N.	80	P
* 64-5	Scott, C. Dee	70	P
64-1	Trammell, R. V.	F	
* 64-48	Ward, Calvin M.	90	P

ENGINEER-IN-TRAINING
Under Old Rules

No.	Name	1.	2.	Passed
* 63-462	Albert, Guy D.	90	P	1
* 63-13	Blatchford, Robert C.	70	88	1, 2
63-449	Frew, Robert L.	F	P	
63-71	Guerin, Courtland F.	F	P	

ENGINEER-IN-TRAINING
Under Old Rules

No.	Name	1.	2.	Passed
* 63-479	Potts, Robert Clifford	P	73	2
63-437	Torres, Francisco Castro	F	P	
63-172	Williams, A. E., Jr.	F	F(DNA)	

It was moved by Mr. Royden and seconded by Dean Coleman that applicants for registration as Professional Engineers, Geologists and Land Surveyors who have completed their examination and apparently have met all requirements of this Board be held for a personal audience. Motion carried.

REPORT OF THE NCARB COMMITTEE

Mr. Weaver and Mr. Young reported on the discussions had with NCARB and Mr. Young reported that the Western Conference of NCARB was apparently functioning in good order and that in February, 1965, they would have their first meeting in 1965 scheduled in San Francisco.

It was moved by Mr. Herreras and seconded by Dean Coleman that the Architectural members of the Board be authorized for attendance at this meeting. Motion carried.

REPORT OF THE BUDGET COMMITTEE

Chairman Dryden submitted Budget Report #5 to the Board.

REPORT #5

DATE: November 27, 1964

Balance on Deposit as of July 1, 1964 - \$10,096.20 Appropriated receipts
this month - \$4,562.10
Balance on Deposit as of Report Date - \$14,918.27

Code No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #4	Total Expended to date	Unencumbered Balance
110	Salaries	20,600.00	24,800.00	1,716.68	8,583.40	16,216.60
211	Postage	2,000.00	2,000.00	0	549.28	1,450.72
212	Telephone	1,080.00	1,000.00	84.69	357.30	642.70
220	Travel - State	2,500.00	1,500.00	35.05	710.12	789.88
230	Travel - Out of State	2,000.00	2,500.00	0	501.93	1,998.07
240	Prof. Services	5,000.00	4,000.00	134.10	361.60	3,638.40
262	Equip. - Maint. & Rep.	200.00	300.00	0	105.00	195.00
293	Janitor Services	50.00	0	0	4.50	(4.50)
295	Railway Express	30.00	30.00	0	4.35	25.65

Code No.	Classification	Estimated Expenses	Budget	Encumbered Since Report #4	Total Expended to Date	Unencumbered Balance
296	Annual Report	1,500.00	1,500.00	0	0	1,500.00
299	Miscellaneous	1,200.00	0	216.60	1,124.15	(1,124.15)
310	Supplies	4,000.00	3,000.00	511.83	1,703.23	1,296.77
370	Const. & Maint. Sply.	0	75.00	0	0	75.00
390	Photographs	75.00	0	0	88.92	(88.92)
411	Rent - Office Equip.	429.14	0	0	39.00	(39.00)
413	Rent - Office	3,078.72	3,123.48	268.89	1,602.25	1,521.23
417	Rent - Other Offices	271.14	200.52	0	11.09	189.43
421	Bond - Officers	10.00	20.00	0	10.00	10.00
424	Insurance	75.00	50.00	0	0	50.00
425)	St. Ret.					
427)	OASI	1,500.00	1,500.00	86.06	430.30	1,069.70
430	Subscrip. & Org. Dues	750.00	750.00	0	43.20	706.80
611	Office Equipment	1,000.00	1,000.00	0	84.86	915.14
931	Refunds	300.00	300.00	0	42.50	257.50
TOTALS		47,649.00	47,649.00	3,053.90	16,356.98	31,292.02

REPORT OF GRIEVANCE COMMITTEE #1

Letter from John Schotanus regarding Wilsey, Ham & Blair was referred to Grievance Committee #1 for investigation as to the names of the principals and registrants and their status with the Technical Registration Board.

REPORT OF GRIEVANCE COMMITTEE #2

Chairman Herreras reported that Grievance Committee #2 had under discussion the following items: The failure of city and county engineers to use their seals on work performed in their official capacity; under consideration by Tucson Professional Engineers that electrical plans and specifications be required to be prepared by professional engineers; the matter of Gene Anderson--complaint by Tucson Title Insurance Company.

READING OF COMMUNICATIONS

Communications were read and noted from Biddle & Young and John K. Parsons.

November 28, 1964

Approximately two months ago we experience a procedure by a Central Arizona Architect that I feel is definitely beyond the limits of the "Code of Ethics". In as much as this registrant might not be cognizant of the Code of Ethics, I would appreciate the Board reviewing the circumstances, and if the act described is frowned upon by the Board, in view of the Registration Code, please circulate to ALL REGISTRANTS the opinion of the Board relating to acts of this nature.

Our firm designed the Electrical work for a large church for the Architect. This church is located in a nearby city with a well enforced electrical code. The design was in accordance with the applicable code. The Owner questioned certain designed sizes (service entrance section, feeders, panels, etc.) for they are larger than the Owner was accustomed to using in other areas designed under other codes. The code requirements of the local municipality was explained to the Owner's Electrical Consultant (by long distance telephone, from the Architect's office, in the presence of the Architect's Associate) and the Owner acceded that the designed equipment was properly sized.

The design drawings were signed, sealed and delivered to the Architect's office to become a part of the overall job (linen tracings were prepared). In due time the prints were made and delivered to the municipal building department, checked by the proper municipal authorities, approved (stamped to indicate this approval and compliance with the codes) and a building permit was issued.

The building was well under construction when this office was telephoned by a municipal building department inspector to ask why the drawings, with our seal, had been revised and put on the job with equipment sized in contradiction to the municipal code (no submittal of the revised sheets had been made to the municipal building department).

We contacted the Architect's office immediately to question him of the changes on these sealed drawings. We were informed that the changes were made in the Architect's office, by him, at the request of his client, the Church Owner, and that he, the Architect, was not aware that the revisions (in general, one commercial size smaller than the original design) made the design inadequate to meet the requirements of the local code. When questioned about the ethics of changing the sealed drawings prepared by a registered Engineer, he stated that he did not question the ethics, for his seal appeared on the sheets also.

To shorten a long story, the Owner sent in an Electrical Consultant from a neighboring state, who checked our calculations in accordance with the applicable local codes and agreed that our original design was correct and that the revised sizes by the Architect was contra-code. The drawings were restored to the original issue state under my supervision and the municipal building department permitted the construction to resume.

Apparently the Architect was not familiar with what I consider the "right and wrong" of professional conduct, for I do consider his action as "wrong"! If you, in light of the Code of Ethics and the Registration Code, consider this to be a "wrong" action, please condense the circumstances and send a MEMO to all registrants.

If this Architect considers it proper to change the sealed designs of Engineers without consulting or notifying them of his intent and actions, simply because his seal is on the sheet also, then other less informed registrants may be doing this, too.

Sincerely,
/s/ Paul Geo. Young

November 5, 1964

Logan Campbell, Architect
41 W. Thomas Road
Phoenix, Arizona

Re: Glass and Garden Church
86th Street & McDonald Dr.
Scottsdale, Arizona

Dear Logan:

This letter is to notify you that I am withdrawing my structural seal, calculations and drawings from the above-referred job. My reasons for this action are:

1. This is a complicated structure and requires an experienced contractor familiar with this type of construction. I was told that the shell itself was to be constructed by one of two contractors experienced in this field. The names of these two contractors were designated; however, neither one of these contractors were awarded the job.
2. Although the contractor awarded the job might be competent enough to construct this project, it is my opinion that there is a lack of experience.
3. The project involves too much risk on both our parts.

Please return our structural drawings as soon as possible.

Very truly yours,
/s/ John K. Parsons

In the case of Mr. Parson's letter, the Board noted that the letter was received and copy to be entered in his file.

It was moved by Mr. Young and seconded by Mr. Dryden that the items pointed out in the letter from Walter Biddle and Paul Young were not consistent with Board policy and that the Board should re-affirm the record that no plans shall be revised by another registrant without discussion with and approval of the registrant whose seal and signature appear thereon. Motion carried.

READING AND CONSIDERING OF APPLICATIONS

Mr. James Thomas Flynn, #64-205, Architect, appeared before the Board to discuss his application for professional registration.

It was moved by Mr. Young and seconded by Mr. Royden 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

Bonelli, Edward Andrew	5880
Boswell, Bruce D.	5881
Cowan, William Lawrence	5882
Cronin, James Robert	5883
Drielsma, J. Arthur	5884
McIntyre, Robert Thames	5885
Magee, Russell L.	5886
Porcarello, Patrick Henry	5887
Reid, Robert A.	5888

AGRICULTURAL ENGINEERING

Larsen, William E.	5939
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CHEMICAL ENGINEERING

Nicol, David Leroy	5929
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CIVIL ENGINEERING

Adair, John, Jr.	5889
Allsop, Lew Judd	5890
Brancher, Peter George	5891
Emmons, Robert Earl	5892
Fawcett, Charles W., Jr.	5893
Fraivillig, Leonard Martin, Jr.	5934
Fry, Roger Grattan	5894
Hughes, Daniel C.	5895
Ladd, Scott Gerald	5896
O'Dell, William Lee	5935
Palmer, Max Torrence	5897
Peters, Paul Herman	5898
Quick, Bayard Rollin	5936
Schroeder, Robert Donald	5899
Steinocher, Joseph J.	5901
TenBroeck, Benton William	5902
Twiddy, David Allen	5903
Vest, Taylor Clark	5904
Vick, Ermon Louis	5932
Welsh, Patrick G.	5905

ELECTRICAL ENGINEERING

Coleman, Howard S.	5900
Helber, Carl Albert	5906
Silver, John Erman	5907
Zinder, David Aaron	5908

ENGINEERING SCIENCE

Avery, James P.	5909
Barkson, Joseph Anton	5910
Rice, Warren	5911

GEOLOGICAL ENGINEERING

Gallaher, Billy Jack	5912
Scott, Lewis E.	5913

HIGHWAY ENGINEERING

Bartol, Robert James	5914
Ward, Jack W.	5915

INDUSTRIAL ENGINEERING

Happ, William Wolfgang	5916
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MECHANICAL ENGINEERING

Barstow, Carl K.	5931
Billings, Carl Henry	5937
Gyrog, Donald Alex	5917
McDonald, James G.	5918
Sweeny, Edward Joseph, Jr.	5919
Westerfeld, Robert Charles	5920

METALLURGICAL ENGINEERING

McCarthy, Donald Paul	5921
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MINING ENGINEERING

Lewis, Ezra Harold	5938
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SANITARY ENGINEERING

Hirlinger, Karl Andreas	5922
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STRUCTURAL ENGINEERING

Cashdan, Daniel Michael	5923
Emmett, Francis Robert	5924
Fickel, Hans Heinz	5925
Read, Charles Beverly, Jr.	5926

GEOLOGY

Courtright, James Harold	5927
Shields, Jay Manville	5928

LAND SURVEYING

Mueller, John J.	5930
Vick, Ermon Louis	5933

ENGINEER-IN-TRAINING

Albert, Guy D.	477	Pinnell, Steven Scott	471
Blatchford, Robert C.	478	Potts, Robert Clifford	482
Bourgeois, Donald E.	474	Raymo, William J.	483
Denham, Robert Frank	470	Rees, John R.	476
Fromm, Richard G.	479	Rider, David N.	484
Girand, Michael	480	Scott, C. Dee	485
Murphy, William J.	481	Whitaker, James Curtis	472
Nylund, Leonard A.	475	Wilson, Jerome Michael	473

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

ARCHITECTURE

Hustad, Donald Edward 64-157

CIVIL ENGINEERING

Adams, Donald Jordan 63-482
 Denison, Russell Leroy 61-25
 Longfellow, Henry Wadsworth 64-11
 Peterson, Milford Kenneth 63-553
 Stadelman, Joseph R. 64-85

ELECTRICAL ENGINEERING

Kohnen, Robert E. 63-540
 Manning, Robert A. 62-119
 Randal, William Ernest 63-518

MECHANICAL ENGINEERING

Buescher, Charles Louis 63-502
 Thon, Warren Harold 64-16
 Short, Leo Charles 64-150

STRUCTURAL ENGINEERING

Carillo, Tom 64-39
 Norris, Jan A. 64-31
 Weaver, Floyd E. 64-155

LAND SURVEYING

Adams, Donald Jordan 63-483

ENGINEER-IN-TRAINING

Linkswiler, John 63-477
 McKelvey, Raymond D. 63-118
 Manousos, John Michael 63-467
 Mock, Frederick A. 62-131
 Swanson, Leland S. 63-440
 Wankerl, Max Wilhelm 63-463

It was moved by Dr. Shell and seconded by Mr. Royden that the following applicants be denied without prejudice at their request. Motion carried.

CIVIL ENGINEERING

Hickman, Davis Clark 64-96

MECHANICAL ENGINEERING

Prohaska, Ernest Charles 64-287

STRUCTURAL ENGINEERING

Coffeen, Hale Lanpher 64-221

Applications for professional registration were reviewed by the Board member whose name appears with the applicant's and the member's findings as presented for Board action:

I. It was moved by Mr. Young and seconded by Dean Coleman that the following applicants apparently having met all requirements of this Board which shall be confirmed by a personal audience and are to be so held for such audience. Motion carried.

ARCHITECTURE

Davis, Eldon Carlyle	64-259	Board
Flynn, James Thomas	64-205	Board
Glarborg, Per Vagn	64-296	Young
Hershberger, Gilbert Lee	64-245	Young
Miles, Frederick Dean	64-316	Herrerias
Schneider, Richard Philip	64-301	Weaver
Shelley, John Richard	64-319	Herrerias
Verkade, Andrew	64-289	Weaver

CIVIL ENGINEERING

Barry, Edwin C., Jr.	64-306	Stufflebean
Browder, Edward Marion, Jr.	64-280	Stufflebean
Fletcher, George Louis	64-266	Girand
Hultquist, Victor Jerome	64-313	Dryden
Kelly, Roland Paul	64-330	Royden
Kienow, Kenneth Karl	64-314	Dryden
Kohlhoff, Karl F.	64-315	Stufflebean
Patterson, John Webster	64-276	Stufflebean
Peacock, Earl George	64-332	Stufflebean
Peterson, William Albert	64-299	Girand
Potter, George William	64-325	Royden
Stone, Ralph	64-256	Stufflebean
Tillson, Gordon Arthur	64-321	Dryden
Veale, John H.	64-322	Dryden
Wright, Kenneth Robert	64-304	Herrerias

ELECTRICAL ENGINEERING

Cuellar, Oscar	64-328	Shell
Dimford, Bernard John	64-135	Board
DiTomaso, Vincent Anthony	64-290	Coleman
Swanson, Carl Daniel	64-320	Coleman

MECHANICAL ENGINEERING

Rossie, John Paul	64-284	Shell
Strock, Richard Reeve	64-293	Shell

MINING ENGINEERING

Boltz, Kelsey Lua	64-254	Shell
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GEOLOGICAL ENGINEERING

Isaacson, Thomas Otto 64-285 Shell

HIGHWAY ENGINEERING

Heddleston, Roy Riley 64-311 Royden

LAND SURVEYING

Davis, Paul Bennett 64-329 Dryden

Moiseve, Walter Joseph 64-329 Dryden

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

ARCHITECTURE

Lower, James Alan 64-240 Weaver

CIVIL ENGINEERING

Boulter, Dare Bibber 64-307 Royden

Miller, Paul Joseph 64-282 Royden

Webster, James Irving 63-362 Dryden

INDUSTRIAL ENGINEERING

Higgins, Thomas Joseph 64-312 Royden

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

ARCHITECTURE

Ballew, Thomas James 64-305 Herreras C,D,E,F,G,H,I

Houvener, Robert Mason 64-286 Young C,D,E,F,G,H,I

Lakin, James McDaniel 64-248 Young C,D,E,F,H

Schutz, Charles Claude 64-249 Weaver C,D,E,F,G,H,I

CIVIL ENGINEERING

Badger, David Allen 64-273 Royden Parts 3 and 4

Gardner, Allan H. 64-243 Board Parts 3 and 4

Guerrini, Sylvester Joseph 64-272 Royden Parts 3 and 4

O'Connell, Gerard Charles 64-292 Girand Parts 3 and 4

Reulein, William Frederick 64-277 Girand Parts 1, 2, 3, and 4

Terry, Alfred Gordon 64-278 Herreras Parts 3 and 4

HIGHWAY ENGINEERING

Goff, Warren J. 64-269 Royden Parts 3 and 4

Mercer, Donald Jay 64-281 Royden Parts 1, 2, 3 and 4

MECHANICAL ENGINEERING

Hartman, Philip F. 64-244 Dryden Parts 3 and 4

Keilman, Lee Robert 64-291 Shell Parts 1, 2, 3 and 4

Qualle, Thomas Wabeorn 64-317 Dryden Parts 3 and 4

Vercellino, John Thomas 64-288 Royden Parts 3 and 4

Yates, Lloyd G. 64-294 Shell Parts 1, 2, 3 and 4

GEOLOGY

Skiles, Reginald 64-261 Shell Parts 3 and 4

LAND SURVEYING

Brady, Dennis Harold 64-274 Dryden Parts 1, 2, 3 and 4

IV. It was moved by Mr. Dryden and seconded by Mr. Weaver that the following applicants for professional registration are found by the Board member whose name appears with the applicant as not having sufficient experience of a character satisfactory to the Board as defined in 32-122 and their applications be denied with refunds as indicated.

ARCHITECTURE

Cramer, Donald Harvey 64-4 Board
Ludlow, Carl Edmund 64-268 Young, Herreras, Weaver \$10.00

HIGHWAY ENGINEERING

Osmus, Howard Martin 64-279 Board \$10.00

MECHANICAL ENGINEERING

Nelson, Clyde William 64-283 Shell \$10.00

V. It was moved by Mr. Herreras and seconded by Dr. Shell that the following applicants be held in abeyance for the action indicated after their names. Motion carried.

ARCHITECTURE

Long, Harold Leland 64-331 Weaver To take full examination in June, 1965

UNFINISHED BUSINESS

It was moved by Mr. Young and seconded by Mr. Herreras that the record indicated that Mr. William A. Woolford should be reprimanded by the Board for preparing the plans for the Kahle Medical Building, Flagstaff, Arizona, and that such reprimand be made a part of the official record of the Board. Motion carried.

The Board discussed further the matter of how and when to secure additional technical and professional assistance from registrants and resolved to continue the previously established policy.

NEW BUSINESS

The next meeting of the Board is scheduled for Friday, March 5th, and Saturday, March 6th, in Tucson, Arizona, at the University, to begin at 9:00 A.M., March 5th.

ADJOURNMENT

There being no further business the Board adjourned at 5:00 P.M.

John Girard