

MINUTES OF MEETING  
ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

JUNE 6, 1980

The regular quarter-annual meeting of the State Board of Technical Registration was held in the Occupational Licensing Building, Room 126, in Phoenix, Arizona on Friday, June 6, 1980. The meeting was called to order by Chairman Rod J. Gomez at 9:15 A.M.

PRESENT: Rod J. Gomez, Chairman  
Kemper Goodwin, Vice Chairman  
Wayne O. Earley, Secretary  
William S. Gookin, Member  
Jimmie R. Nunn, Member  
Charles E. O'Bannon, Member  
John B. Riggs, Member  
John B. Trimble, Member

Evelyn Epstein, Asst. Attorney General  
F. Mark Edson, Executive Director  
Virginia Noffsinger, Administrative Secretary

Those present constituted a quorum

1. READING OF MINUTES

MOTION: It was moved by Mr. Trimble and seconded by Mr. Earley that the minutes of the regular meeting of the board held March 7, 1980 be approved as presented. Motion carried.

2. REPORT OF THE EXECUTIVE COMMITTEE

Minutes of the Executive Session held May 15, 1980 are shown as Minute Pages 4463 - 4465.

MOTION: It was moved by Mr. Earley and seconded by Mr. Gookin that an emergency rule be adopted, subject to certification by the Attorney General, to require that a quorum of five board members be present at a board meeting in order to transact business.

AMENDMENT TO THE MOTION: It was moved by Mr. Goodwin and seconded by Mr. Nunn that the motion be amended to require that the quorum must include at least one architect and one engineer. Motion carried with four ayes, three nays.

AMENDMENT TO MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that the motion be amended to require a majority of the existing board members for a quorum. Motion passed.

Original motion, as amended, passed by majority vote.

3. REPORT OF THE RULES AND BY-LAWS COMMITTEEA. Exemplary Qualification

Dr. O'Bannon reported that he is making a study and will prepare a report, but is waiting for input from the professional societies and the other board members.

B. Adoption of revised Rule R4-30-30. Miscellaneous Fees.

MOTION: It was moved by Mr. Goodwin and seconded by Mr. Riggs that Rule R4-30-30 be adopted, subject to certification by the Attorney General, and that the Executive Director be authorized to sign the adoption for the board. Motion passed. Rule shown on Minute Page 4466.

4. REPORT OF THE LEGISLATIVE COMMITTEEA. Commentary on Sunset Review

The Executive Director prepared a commentary on the revisions to the Technical Registration Act (shown on Minute Pages 4467-4472).

MOTION: It was moved by Mr. Gookin and seconded by Mr. Goodwin that this commentary be adopted and printed for mailing to the Governor, members of the Legislature and all registrants. Motion carried.

B. Recommendation for 12-Member Board

Recommended change to A.R.S. 32-102 is shown on Minute Page 4473.

MOTION: It was moved by Mr. Goodwin and seconded by Mr. Trimble that the Executive Director be authorized to contact the Legislature to determine whether this recommended change can be considered by the Legislature in its special session. Motion passed.

5. REPORT OF THE EVALUATION COMMITTEEA. ARCHITECTURAL EVALUATION COMMITTEE

- (1) The Architectural Evaluation Committee Report was presented by Mr. Goodwin. Report is shown on Minute Pages 4474-4476.

MOTION: It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that Items 1 and 2 of the report be accepted and implemented by the board. Motion carried.

MOTION: It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that Item 3 of the report be accepted and implemented by the board. Motion carried.

MOTION: It was moved by Mr. Goodwin and seconded by Mr. Nunn that Item 4 of the report be accepted and implemented by the board. Motion carried.

(2) PODOLSKY, WILLIAM I. 73-212

Mr. Podolsky and his attorney, Mr. John Baade, appeared before the board to appeal Mr. Podolsky's failing grade on Section B of the Professional Examination, December 1979.

The board considered Mr. Podolsky's request, reviewed information received from the Educational Testing Service verifying that Mr. Podolsky had passed all parts of this exam, and reviewed Mr. Podolsky's updated file record.

MOTION: It was moved by Mr. Trimble and seconded by Dr. O'Bannon that Mr. Podolsky be added to the Granted Registration List after July 1, 1980. Motion carried.

(3) Credit for Cumulative Grades on Architectural Exam Parts

MOTION: It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that, effective July 1, 1980, credit be given to all examinees for parts passed on Section B of the Professional Examination and that registration be granted to those who have passed all four parts. Motion carried.

B. LANDSCAPE ARCHITECTURAL EVALUATION COMMITTEE

Mr. Earley presented the report of the Landscape Architectural Evaluation Committee shown on Minute Page 4477.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Riggs that Items 1 and 2 of this report be accepted and implemented by the board. Motion carried.

Mr. Earley reported that the Landscape Architectural Evaluation Committee had interviewed three additional applicants, who need additional evidence of their proficiency, and recommends that these individuals be held for examinations as indicated:

Wheat, Elizabeth Abbott	80-281	UNE, Parts A,B,C,D
Wittmer, Gary Dene	80-239	UNE, Parts B,D
Tonnesen, William Davis	80-275	UNE, Parts A,C

MOTION: It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that these applicants be held for examinations as recommended. Motion carried.

Mr. Norman Lee Aubuchon, a registered landscape architect, appeared before the board to inquire about a complaint he had made regarding a non-registered landscape architect and to alert the board that applicant, William Davis Tonnesen, has been practicing landscape architecture without being registered and may not be of good moral character and repute as required under A.R.S. 32-122.

MOTION: It was moved by Mr. Gookin and seconded by Mr. Trimble that the board table action on Mr. Tonnesen's application until his application can be investigated further, taking into account the allegations made. Motion failed.

MOTION: In view of the allegations made to the board regarding William Davis Tonnesen, it was moved by Dr. O'Bannon and seconded by Mr. Earley that Mr. Tonnesen be admitted to the LAIT exams as recommended by the Committee and that an investigation of Mr. Tonnesen's activities and background be conducted, including contacting the following sources of information:

Department of Public Safety  
Federal Bureau of Investigation  
Cities of Mesa, Glendale, Phoenix, Tempe, Scottsdale  
Registrar of Contractors

Motion carried unanimously.

C. ENGINEERING EVALUATION COMMITTEE REPORT

Dr. O'Bannon presented the report of the Engineering Evaluation Committee shown on Minute Pages 4478-4492.

- (1) MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Earley that Item 1 of this report be accepted and implemented by the board. Motion carried.
- (2) MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that Item 2 of this report be accepted and implemented by the board. Motion carried.
- (3) MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Goodwin that Item 3 of this report be accepted and implemented by the board. Motion carried.
- (4) MOTION: It was moved by Mr. Gookin and seconded by Mr. Trimble that Item 4 of this report be accepted and implemented by the board. Motion carried.
- (5) TEPLEY, GEORGE J. 74-392  
MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Earley that the board waive the exam requirements and that Mr. Tepley's name be added to the list for registration. Motion carried.
- (6) MASOWDI, AMIR M. 75-231  
MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Trimble that Mr. Masowdi's request for a waiver of Part 2 of the Civil Engineering exam be denied. Motion carried.
- (7) STROUSE, DAVID FRANK 72-542  
MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Trimble that Mr. Strouse's request for waiver of Parts 1 and 2 of the Highway Engineering exam be denied. Motion carried.
- (8) HODGES, PAUL ARTHUR 79-335  
MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Riggs that the Committee's recommendation to table this matter be approved and that the matter be tabled until the September board meeting. Motion carried.
- (9) SARTORI, JOSEPH ANTHONY 80-025  
Mr. Sartori appeared before the board to appeal the decision of the Committee that he be held for Parts 3 and 4 of the Civil Engineering examination. Dr. O'Bannon recommended that the matter be tabled until September 1980.  
MOTION: It was moved by Mr. Goodwin and seconded by Mr. Riggs that this matter be tabled until the September board meeting. Motion carried.
- (10) BLACKMON, JULIUS LEMAY 78-598  
MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Trimble that Mr. Blackmon's request for reconsideration of his denial be granted and that he be scheduled for a personal audience one more time. Motion carried.

D. ADVISORY COMMITTEE REPORT

The report of the first meeting of the Geological Advisory Committee authorized by the board March 7, 1980 is shown as Minute Pages 4493.

MOTION: It was moved by Mr. Goodwin and seconded by Dr. O'Bannon that the report be accepted. Motion carried.

6. REGISTRATIONS DENIED Shown as Minute Page 4494.

7. REGISTRATIONS GRANTED Shown as Minute Pages 4495-4496.

8. REPORT OF THE PUBLIC INFORMATION COMMITTEEA. NCEE'S DISTINGUISHED SERVICE AWARD

Dr. J. A. Jimenez of the Arizona Board was awarded a Distinguished Service Award for his service on the Uniform Examinations and Qualifications Committee (UEQ) from 1963 - 1980.

B. NOTICE OF MEETINGS

POLICY: The board agreed to establish the policy of including the dates of all board meetings in the published newsletters.

C. PHOTOGRAPHS OF BOARD MEMBERS

Photographs of the board members were taken for the annual report.

9. REPORT OF THE BUDGET COMMITTEE

The Budget Committee will meet during the summer months to review the 1981-82 budget.

In accordance with the provisions of A.R.S. 35-173, the 1980-81 Budget's Allotment of Appropriations has been submitted and approved. The total budget of \$198,000 is allotted as follows: \$55,125 First Quarter, \$47,625 each for Second Quarter, Third Quarter and Fourth Quarter.

The Executive Director reviewed with the board the additional allocation for Personal Services, and he requested that the board authorize the preparation of a request for a supplemental appropriation needed to implement the changes created by the new code. These include:

a. Conversion of the renewal process	\$7
(1) Computer programming	\$7,500
(2) Forms (renewal & receipt)	5,500
b. Compensation of board members	6,000
c. Printing (rules & by-laws + additional mailing)	4,500
d. Consultants to assist in evaluation functions	2,000
	<u>25,000</u>
	TOTAL \$25,000

MOTION: It was moved by Mr. Goodwin and seconded by Mr. Earley that the Executive Director be authorized to prepare a one-time request for a supplementary appropriation from the Technical Registration Fund for submission to the Executive Budget Office and JLBC in September, after above estimates of costs are verified and documented. Motion carried.

10. REPORT OF THE EXECUTIVE DIRECTOR

- A. Mr. Edson presented the report shown on Pages 4497-4498
- B. Cash Flow Report is shown on Page 4499.

11. REPORT OF THE EXECUTIVE COMMITTEE

The Board went into Executive Session for the discussion of personnel matters.

MOTION: Mr. Goodwin moved that the Executive Director's salary be adjusted to Grade 22, Step 5 of the State Service Salary Schedule, effective on July 1, 1980; that the Executive Director be authorized to initiate a re-classification of the position from Grade 21 to Grade 22; and that his salary be adjusted to Grade 22, Step 6 when the re-classification has been approved by the Personnel Division. Mr. Gookin seconded the motion; motion was approved by the Board.

12. READING OF COMMUNICATIONS

A. Chris Hamel, Governor's Office

Letter of May 9, 1980 shown on Page 4500.

B. Governor Bruce Babbitt

Letter of May 19, 1980 shown on Page 4502.

C. Governor Bruce Babbitt

Letter dated April 30, 1980 shown on Page 4504.

D. Governor Bruce Babbitt

Letter dated April 7, 1980 shown on Page 4506.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Goodwin that the Executive Director be authorized to contact the Joint Legislative Committee to offer our assistance in an inquiry into the events surrounding the recent flood emergency to determine whether there was commission of any misconduct in the practice of the professions registered by the board. Mr. Goodwin seconded this motion. Motion carried.

E. Nathan Feigenblatt, Jr.

Letters from Mr. Feigenblatt are shown on Pages 4509-4514.

*E.D. Peckham  
request 1*

MOTION: Mr. Trimble made a motion to authorize the Executive Director to write to Mr. Feigenblatt, informing him that he must get the endorsement of the societies of safety engineering to support his position that safety engineers should be registered by the board. Mr. Goodwin seconded the motion; motion carried.

The board instructed Mr. Edson to inform Mr. Feigenblatt that he may be in violation of A.R.S. 32-145 and request that he sign a letter of compliance that he will cease and desist from using the title of engineer or using the initials "P.E." after his name.

F. Malcolm P. Strohson, Attorney for Myles Keith Mikolas 79-159

Letter of May 27, 1980 shown on Pages 4515-4516.

MOTION: It was moved by Mr. Goodwin and seconded by Mr. Earley that this matter be tabled until the September board meeting so that the results of Mr. Milolas' exams will be available. Motion carried.

G. Hugh H. Connolly

Letter of May 30, 1980 shown on Page 4518.

MOTION: Dr. O'Bannon moved to have an investigation to verify the information on Christoph Brozek's application (Civil Engineer, 79-198) and to have the results of the investigation reported to the board. Mr. Trimble seconded the motion. Motion carried. Mr. Goodwin sustained.

13. UNFINISHED BUSINESS

A meeting of the Phoenix Enforcement Committee was scheduled for July 8, 1980 to review investigation reports.

14. NEW BUSINESS

A. Out-of-State Meeting Reports

(1) Western Meeting of CLARB, Portland, Oregon, April 5, 1980.

Mr. Earley made an oral report to the board. The Chairman directed Mr. Earley to submit a written report.

(2) NCEE Western Zone Meeting, Portland, Oregon, May 4-6, 1980

Mr. Gomez was scheduled to attend this meeting, but was ill.

(3) WESCARB, Anchorage, Alaska, March 13-15, 1980.

Mr. Nunn made an oral report to the board. He commented that 11 of the 12 Western States were represented. Mr. Nunn was appointed to the Model Law Committee. He reported that the dues and exam costs would be increased. The 1982 WESCARB meeting is scheduled to be in Phoenix.

B. TRAVEL AUTHORIZATION

- (1) NCARB Annual Meeting, Colorado Springs, Colorado, June 18-21, 1980

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Riggs that Mr. Nunn and Mr. Edson be authorized to attend this meeting. Motion carried.

- (2) NCEE Annual Meeting, Lake Tahoe, Nevada, August 10-13, 1980

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Trimble that Mr. Gomez and Mr. Gookin be authorized to attend this meeting. Motion carried.

- (3) CLARB Annual Meeting, Hilton Head Island, South Carolina, October 3-4, 1980.

MOTION: It was moved by Mr. Gookin and seconded by Dr. O'Bannon that Mr. Earley be authorized to attend this meeting. Motion carried.

- (4) ASPE State Meeting, Flagstaff, Arizona, June 13, 1980.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Trimble that Mr. Gomez and Mr. Edson be authorized to attend this meeting. Motion carried.

C. SEMINAR - EFFECTIVE SUPERVISION AND MANAGEMENT

The Creative Management Institute, Arizona Biltmore Conference Center, July 21-22, 1980.

MOTION: It was moved by Mr. Gookin and seconded by Mr. Earley that Mr. Edson be authorized to attend this meeting and that the registration fee of \$175 be paid by the board. Motion carried.

15. FUTURE DATES

- |                  |   |
|------------------|---|
| June 18-21, 1980 | NCARB Annual Meeting  |
| July 8, 1980     | Phoenix Enforcement Committee   |
| July 10-12, 1980 | NCARB Design Jury - Western Region, San Francisco   |
| July 17, 1980    | 9:00 A.M. Engineering Exam Committee (review April 1980 exam results)   |
| July 17-18, 1980 | 10:00 - 4:00 Engineering Evaluation Committee   |
| July 18, 1980    | 9:00 A.M. Special Board Meeting (grant registrations for successful candidates from April 1980 exams)<br>Office of the board. |



August 7-8, 1980    Engineering Evaluation Committee  
                          Landscape Architectural Evaluation Committee

August 10-13, 1980 NCEE Annual Meeting

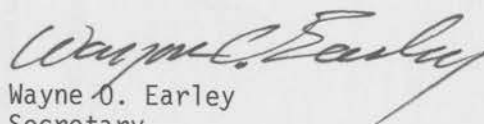
August 15, 1980    Architectural Evaluation Committee

Sept. 5, 1980      Regular Board Meeting, Flagstaff, Northern Arizona  
                          University

16. ADJOURNMENT

Meeting adjourned at 4:00 P.M.

Respectfully submitted,

  
Wayne O. Earley  
Secretary

pp. 4463 - 4465: Executive Session Minutes of May 15, 1980  
were apparently inadvertently bound with minutes of regular meeting -  
pages containing Executive Session Minutes were removed from bound  
volume on 5/24/82 on advice from Counsel (Assistant Attorney  
General Gary Sheets)

Judi Rose

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

ORDER OF RULE ADOPTION

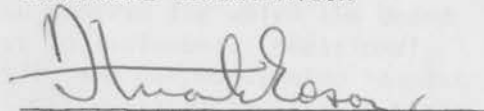
Pursuant to A.R.S. §32-106 and A.R.S. §32-127 the State Board of Technical Registration hereby adopts the following rule:

- 1. R4-30-30. Miscellaneous Fees for Services
- 2. Annual Report . . . . . \$1.00
- 3. New Certificates. . . . . \$3.00
- 4. Photostatic-Copies-----25-a-page
- 5. ANNUAL ALPHABETICAL ROSTER OF ACTIVE REGISTRANTS. . . . . \$4.50
- 6. NUMERICAL ROSTER OF CIVIL ENGINEERS AND LAND SURVEYORS. . . \$2.00

\*\*\*

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 1980

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION



F. Mark Edson  
Executive Director



State of Arizona  
BOARD OF TECHNICAL REGISTRATION

04167

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS  
1645 W. JEFFERSON, SUITE 315 • PHOENIX, ARIZONA 85007 • (602) 255-4053

F. Mark Edson  
Executive Director

COMMENTARY

on

the Sunset Review Process and Revisions to the  
Arizona Technical Registration Act (ARS Title 32, Chapter 1)

- A. The Arizona Legislature completed action on Sunset Review of the Arizona Board of Technical Registration with passage of Senate Bill 1020, and subsequent acceptance by the Governor allowed the bill to become law on April 28, 1980.

Attached to the amendment of Title 32, Chapter 1, were revisions to the Sunset Law, Title 41, Chapter 20, extending the life of the Board until June 30, 1982 and requiring at that time that "Sunset Review of the State Board of Technical Registration shall consider in particular whether the Board has:

1. Established an aggressive peer review program working in conjunction with the various building safety departments throughout this state.
2. Informed the public and registrants of its oversight responsibilities and the results of its disciplinary actions.
3. Improved the documentation of its decision-making process to allow for a thorough, independent qualitative evaluation of the process.
4. Adopted methods to encourage public input and participation in the promulgation of rules and regulations, the development of legislative proposals and other decision-making processes of the board."

- B. In view of this legislative mandate we would also like to comment on the Board's progress in satisfying the criticisms of the Auditor General in his report to the Legislature, October 1979, as follows:

It is recommended that:

1. The State Board of Technical Registration establish an aggressive peer review program that would work in conjunction with the various building safety departments throughout the state.

COMMENT:

This recommendation represents a new program for which the Board had neither the staff nor the budget to implement. Additional personnel was first requested in 1970, and our continuing request in our 1980-81 budget for an additional position received a negative recommendation from the Executive Budget Office and the Joint

Legislative Budget Committee. Continued work with these committees and the Legislature reversed this, and funding was provided for two new positions starting in July of 1980. In June and July we expect to recruit new people. In August and September we will develop our peer review program and train the new people to implement the program in October.

2. The Board increase its license renewal fee to fund additional complaint investigations work.

COMMENT:

Anticipating the need for more funding, the Board first proposed increased renewal fees and held public hearings on March 2, 1979. The Attorney General refused to certify the rule change, because the rule contained a waiver for elderly registrants that was not supported by statute. On July 20, 1979 the Board held a public hearing on the revised renewal fee change, and the rule was adopted subject to the Attorney General's approval, which finally came October 25, 1979, permitting the adoption of the rule changing renewal fees from \$10 to \$15 annually on November 16, 1979. This late action delayed preparation of renewal notices.

3. The Board inform the public and its licensees of its oversight responsibilities and the results of its disciplinary actions.

COMMENT:

Newsletters and press releases are part of the peer review and enforcement program described under Item 1, scheduled for implementation in October. The Board has published a short newsletter for the past year, and this effort will be continued and refined.

4. The Board make a concerted effort to continue to develop formal evaluative criteria regarding 1) the determination of the adequacy of an applicant's experience, and 2) the requirement for examination. Once developed, these criteria should be incorporated into the Board's rules and regulations.

COMMENT:

With the revision of the statute (A.R.S.32, Chapter 1), the Board has initiated a completely new draft of rules and regulations based on the legislative revisions and expects to satisfy most of the Auditor General's concerns. Experience requirements are complex. The Board has experience requirements in architecture defined through recently completed work in the Intern Development Program by NCARB and AIA committees. The complex task remaining for the Board is to make a similar definition for assayers, geologists, landscape architects, land surveyors and seventeen branches of engineering.

We will be consulting deeply with professional societies in all these areas. The Board has ordered a crash, highest-priority effort with outside consultants' assistance to permit new rules and regulations to be published by September 1980.

5. The Board improve the documentation of its decision-making process to allow for a thorough, independent, qualitative evaluation of the process.

COMMENT:

The Board implemented changes in documentation of its decisions in June of 1978 when it authorized the use of recording equipment for documentation of Board meeting actions. In October 1979 when the Board initiated new Enforcement Committee meetings, the recording equipment has been consistently used to record the proceedings. Minutes are prepared from tape transcripts.

6. Arizona Revised Statutes, Section 32-127 and the Board's Rule R4-30-29 be amended to allow for the implementation of a triennial renewal system.

COMMENT:

The Board recommended a staggered triennial renewal system to the Legislature, and it was adopted in Senate Bill 1020. Work is in process to implement it. In essence the system will be implemented for 1981 renewals by billing a prorated fee from December 31, 1980 to one of perhaps 18 different class dates over the 3-year period. After the initial billing, renewals will be from a class date for a 3-year period. We plan to define the renewal classes in the Board's new rules and regulations, targeted for September publication.

7. The Board's Rule R4-30-17 be amended to delete the mandatory requirement for personal audiences; and, the Board implement an application review process similar to the one used by the Kansas Board.

COMMENT:

The Board held a public hearing on February 28, 1980 for a proposed rule change to comply with the Auditor General's recommendation No. 7. On March 7, the Board was informed by the Attorney General that the proposed rule change could not be certified without a change in the law. The matter will be addressed again in the present revision of the rules and regulations, targeted for September publication.

8. The Board adopt a policy requiring non-governmental recipients of the annual roster to pay a nominal fee to cover publication and distribution costs.

COMMENT:

On February 22, 1980 the Board held a public hearing on a proposed rule change (R4-30-30) to permit a charge for the Annual List of Active Registrants, and on March 6 it forwarded the rule to the Attorney General for certification.

The office of the Attorney General expects to certify the rule change in time for Board adoption at its June 6, 1980 meeting.

9. The Board of Technical Registration adopt methods to encourage public input and participation in the promulgation of rules and regulations, the development of legislative proposals and other decision-making processes of the Board.

COMMENT:

The Board has taken steps to expand its mailing list for notification of meetings; it has established contact with professional societies for the purpose of advice and counsel in formulating rules and legislative proposals; it has authorized the Executive Director to work with advisory committees in Geology and Land Surveying for purposes of evaluation of qualifications and enforcement matters. The Board has also authorized the Executive Director to use newspaper advertising for matters affecting the public-at-large.

10. Arizona Revised Statutes, Sections 32-102 and 32-103, be amended to provide for public membership on the State Board of Technical Registration.

COMMENT:

The Board recommended and the Legislature agreed to provide public membership on the Board. That has been implemented in Senate Bill 1020.

- C. Regarding the changes to the Technical Registration Act (ARS Title 32, Chapter 1), registrants are advised to note the following changes:

## 32-101. Definitions

The landscape architectural practice definition was revised by removing "the design of structures or facilities with separate and self-contained purposes for habitation or industry, such as are ordinarily included in the practice of engineering or architecture" from the prohibitions provided in the original definition.

This does not permit landscape architects to practice engineering or architecture. They are limited by ARS 32-143 to their own disciplinary practice, the same as all other disciplines, with the exception of cross-practice allowed under 32-143.

## 32-102. Board of Technical Registration.

The composition of the Technical Registration Board was changed. The reduction of architectural and engineering members by one and two respectively in order to provide for new permanent seats for landscape architects, land surveyors, geologists or assayers, and the public member is regarded as an unfortunate legislative response to the committee system through which the Board does its work. This decrease in membership in engineering and architecture will require the Board to seek outside assistance through voluntary contributions of expertise or will require the Board to hire this expertise as consultants in order to perform the evaluation functions required by law.

## 32-103. Qualifications of Members

Age requirement was changed from 35 years to 25 years. Years of registration requirement for Board membership was changed from ten to five years. The Board believes these changes will not have an adverse effect on the quality of board background for exercising mature professional judgement.

## 32-104. Compensation.

Board members may be compensated for service now--up to \$30 per day of service. The waiver of renewal fees for Board members was deleted.

## 32-105. Organization.

Definition of quorum (3 engineers, 2 architects) was removed from the law. This will now be defined by rule.

## 32-106. Powers and Duties.

Items F & G were added, giving the Board authority to adopt rules of professional conduct and enabling them to require evidence of continuing competency to practice as a condition of license renewal.

The rules of professional conduct will assist the Board in explaining its oversight responsibility to the public and will contribute toward providing a measure of professional performance to judge competency to practice.

The power to require evidence of continuing competency as a condition of license renewal will permit the Board to consider making rules at such time as there appears to be a uniform standard among the several states comprising the Rocky Mountain and Western Regions of the United States.

## 32-110. Immunity from Personal Liability

This was added to the statute.

## 32-122. Qualifications of Applicant

The words "education and experience" were added to the statute, giving the Board, for the first time, the opportunity to consider educa-



tional requirements in its rules for qualifying applicants.

32-126. Registration Without Examination.

Language was added defining the Board's position in considering comity registrations.

32-127. Renewal of Certificates

This section was completely rewritten to provide for a triennial renewal system. In addition, it gives the Board power to waive the renewal fee for elderly registrants who are retired, thus renewing a practice the Board had followed for the past eight years, but which was declared illegal for 1980 renewals by the Attorney General. All elderly retired registrants who wish to maintain their registration under this provision must be current and paid up for the 1980 renewal fees. Many registrants chose to be delinquent or to cease being registered when the above ruling required a fee for 1980. We urge registrants who are retired and who are aged 65 years or over to get in good standing now, so that the 1981 fees can be subject to the Board's proposed new waiver rule.

32-128. Revocation of Certificate; Censure; Probation; Hearing; Notice of Findings

A.4 was added, giving the Board added basis for considering revocation, censure and probation actions. In B. subpoena power was added. In D. censure, probation and fines were added to increase the Board's options in determining disciplinary findings. Probation and fines will be a strong deterrent to registrants considering a violation of the statutes or the rules and regulations of the Board.

32-129. Confidentiality of Records

This new section was added, giving the Board a legal basis for maintaining confidentiality of sensitive records. It is the Board's intention that an applicant may review his own examination material, notwithstanding confidentiality of a particular class of material.

32-141. Firm or Corporate Practice

This section was revised and Section B was added requiring firms and corporations to identify their registrants by filing a form with the Board. In complying with this provision, please use the enclosed form. Where your firm receives additional copies, please save them to use in filing revisions and/or changes of responsible principals.

32-144. Exemptions and Limitations

A. A consulting associate of a registrant is no longer exempt from requirements of the statute. All the disciplines registered under this chapter must be licensed to practice. Cross-practice in disciplines other than that of your registration is governed by ARS32-125 and 32-143.

B. Manufacturing industry was added to communications common carriers and public service corporations under the exemption defined by this section.

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

1. Section 32-102, A.R.S. is amended to read:
2. 32-102. Board of technical registration
3. A. There shall be a state board of technical registration consist-
4. ing of nine TWELVE members appointed by the governor. Two THREE
5. members shall be architects, three FIVE shall be professional
6. engineers, two of which shall be representatives of branches of
7. engineering other than civil engineering and be registered in that
8. branch pursuant to this chapter, one shall be a public member, and
9. the remaining members shall be a landscape architect, a geologist
10. or an assayer, and a land surveyor.
11. B. Upon the expiration of any of the terms a successor, qualified
12. pursuant to subsection A, shall be appointed for a full term of
13. three FOUR years. The governor may remove a member of the board
14. for misconduct, incapacity or neglect of duty. Appointment to fill
15. a vacancy caused other than by expiration of term shall be for the
16. unexpired portion of the term.

James J. ...	32-107	Prof. Exam, Sects. A & B
...	32-108	Prof. Exam, Sects. A & B
...	32-109	Prof. Exam, Sect. A
...	32-110	Prof. Exam, Sect. A
...	32-111	Qual. Exam, Sect. ABCD; Prof. Exam, Sects. A & B
...	32-112	Prof. Exam, Sects. A & B
...	32-113	Prof. Exam, Sects. A & B
...	32-114	Prof. Exam, Sect. A
...	32-115	Prof. Exam, Sects. A & B
...	32-116	Prof. Exam, Sect. A
...	32-117	Prof. Exam, Sects. A & B
...	32-118	Prof. Exam, Sects. A & B
...	32-119	Prof. Exam, Sects. A & B
...	32-120	Prof. Exam, Sect. A

May 15, 1980

TO: Board of Technical Registration  
 FROM: Architectural Evaluation Committee  
 SUBJECT: EVALUATION OF APPLICANTS

The Committee met April 3, 1980, May 9, 1980 and May 15, 1980 in Phoenix, Arizona with the following present:

April 3 Mr. Goodwin, Mr. Nunn  
 May 9 Mr. Goodwin  
 May 15 Mr. Goodwin, Mr. Earley

The Committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

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

Alcumbrac, Robert Sherwood	79-775	Mackey, David Lloyd	80-041
Allwine, Greg Lee	80-013	Martens, Jonathan Paul	80-119
Bagala, Joseph A.	80-087	Mettler, John Ulrich	79-740
Barg, James Charles	80-076	Middleman, Barry Phillip	80-276
Bol, Andrew S.	80-093	Nott, Thomas Don	80-221
Bowen, Billy Bryan	80-108	Patterson, Jack Dawson	80-121
Copeland, Charles E.	80-106	Reese, Frank Lundberg	80-120
Greene, Odis Barry	80-201	Sisk, Sidney	80-285
Jones, Marcus E.	80-166	Small, Sherwin Earl	79-478
Kesian, Romik M.	80-010	Taylor, Gary Joseph	80-006
Lang, Scott K.	80-234	Twohig, Paul Francis	80-205
Lewis, Michael Weston	80-168	York, Robert Earl	79-821

2. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S.32-123.B), and it is recommended to the Board that these individuals be held for examinations as indicated:

Armacost, David James	80-220	Prof.Exam, Sect. A & B
Barrass, Keith Richard	80-167	Prof.Exam, Sect. A & B
Bower, Michael Wilson	80-198	Prof.Exam, Sect. A & B
Caragol, Richard Louis	80-197	Prof.Exam, Sect. A & B
Doolan, James Joseph	80-235	Prof.Exam, Sect. A
Hubbard, Joseph Anthony	80-169	Prof.Exam, Sect. B
Janssen, Merritt Leon (Jr.)	80-026	Qual.Exam, Sect.ABCD; Prof.Exam, Sect.A & B
Lomeli, Ricardo Guadalupe	80-171	Prof.Exam, Sect. A & B
LuPone, Allan Guy	80-117	Prof.Exam, Sect. A & B
Lusardi, Stanley Ray	80-170	Prof.Exam, Sect. A & B
Maroufkhani, Dariush	80-114	Prof.Exam, Sect. B
Mather-Boehm, Deborah K.	80-165	Prof.Exam, Sect. A & B
McCormick, Edward Earl	80-284	Prof.Exam, Sect. B
Rhoads, William Gray	80-195	Prof.Exam, Sect. A & B
Rothwell, Suzanne Gail	79-735	Prof.Exam, Sect. A & B
Sadeghi, Jalal	79-683	Prof.Exam, Sect. A & B
Santa Maria, Antonio	80-199	Prof.Exam, Sect. A & B
*Kilgore, Karl Manford	80-270	Prof.Exam, Sect. A

\*personal audience not held yet.

continued...

Architectural Evaluation Committee Report (contd.)

Schweiger-Nitchals, Suzanne G.	80-236	Prof.Exam,Sect.A & B (Qual.Exam, Sect. ABCD for record)
Sherbondy, Don Owen	80-204	Prof. Exam, Sect. A
Spencer, Brian A.	80-060	Prof. Exam, Sect. A
Torres, Felipe De Jesus Perez	79-593	Qual.Exam,Sect.ABCD; Prof.Exam,Sect. A & B
Ulrich, Roger Lane	80-115	Prof. Exam, Sect. A & B

3. The following applicants, having been advised of additional requirements and having failed to respond, are hereby recommended to the Board for denial of their applications for failure to complete the requirements of the Board within a reasonable length of time:

Allison, Frank Edward (Sr.)	79-711
Brown, Richard Evans	79-508
Frederickson, Mark Paul	78-429

4. It is recommended that the following applicant be denied registration with neither prejudice nor refund at his own request:

Athanasios, A. Athanasiou	79-346
---------------------------	--------

5. PODOLSKY, WILLIAM I. 73-212

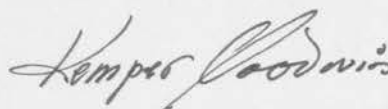
Mr. Podolsky appeared with his attorney, Nannette M. Warner, to appeal Mr. Podolsky's failing grade on Sect. B of the Professional Examination, December 1979. Mr. Podolsky passed Parts 1,2 and 4; failed Part B. (His examination record is attached.)

The hearing revealed that Mr. Podolsky had filed a separate application in Maryland and took the December 1975 exam there, receiving a fail for the exam as a whole, but passed Parts 2,3 and 4; failed Part 1. On the basis that in separate sittings Mr. Podolsky had passed all parts of the examination, Ms. Warner asked the Committee to recommend to the Board that Mr. Podolsky be registered.

Current Board policy is in line with NCARB's policy--that to pass the exam all four parts must be passed in one sitting. The Architectural Committee supports a uniform concept of granting credit for parts passed, and is supporting adoption of that policy at the National Council. The matter is on the agenda of the National Council's Annual Meeting as Resolution No.3, which has the support of the National Board this year.

The Committee therefore recommends that the matter be tabled until the September meeting, at which time the Annual Meeting decisions will be known. In the meantime, Mr. Podolsky has been asked to update his 1973 file record to demonstrate what he has been doing to strengthen his area of weakness (Design Technology) and to furnish the Board with a new reference list.

Respectfully submitted,



Kemper Goodwin, Chairman  
Architectural Evaluation Committee

## WILLIAM PODOLSKY'S EXAMINATION RECORD

Application Date: April 5, 1973

Education: University of Arizona, B.Arch., May 29, 1971

	EQUIVALENCY EXAM			PROFESSIONAL EXAM			
	<u>A</u>	<u>BCD</u>	<u>E</u>	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>
June 1973	P	F	F				
December 1973				F	F	F	P
June 1974		F	F				
December 1974				P	P	F	F
June 1975		F	F				
June 1976		Waived	F				
December 1976				Fail (no grades reported)			
June 1977			F (69)				
December 1977				76	86	71	75
June 1978			P				
December 1978				80	88	69	82
December 1979				81	82	73	82

May 15, 1980

TO: Board of Technical Registration  
 FROM: Landscape Architectural Evaluation Committee  
 SUBJECT: EVALUATION OF APPLICANTS

The Committee met April 3, 1980 and May 15, 1980 in Phoenix, Arizona with the following present:

April 3	Mr. Earley, Mr. Goodwin, Mr. Nunn
May 15	Mr. Earley, Mr. Goodwin

The Committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

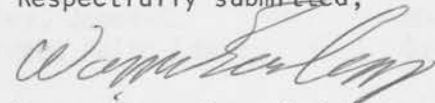
1. The following applicants, having appeared before the Committee and having satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Brant, David Dale	79-739
Johnson, Bruce Aldridge	80-164

2. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S. 32-123.B), and it is recommended to the Board that these individuals be held for examinations as indicated:

Emery, Katherine Guinta	80-241	UNE, Parts ABCD
Landon, Ronald Alan	80-240	UNE, Parts ABCD
Maguire, David Lloyd	80-112	UNE, Parts B & D
Wogisch, Ric	80-242	UNE, Parts ABCD

Respectfully submitted,



Wayne O. Earley, Chairman

May 20, 1980

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

The Committee met April 10-11, 1980 and May 15-16, 1980 in Phoenix, Arizona with the following present:

April 10	Rod J. Gomez, Charles E. O'Bannon
April 11	John B. Trimble, William S. Gookin
May 15	R.A. Jimenez
May 16	William S. Gookin, Charles E. O'Bannon

The Committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

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

CIVIL ENGINEERING

Abboud, John Matthew	79-791
Banks, Louis Anderson	80-187
Bullard, Kenneth L.	80-184
Cherrington, Paul Ashby	80-053
Childs, William Dwight	80-150
Coleman, Raymond Conrad	80-225
Corey, Fred C.	79-746
Curby, Norma Jean Compton	80-037
Eichstadt, Mark Arthur (Sr.)	80-058
Erwin, Lee B.	80-146
Farnsworth, Donald Dennis	80-128
Gordon, Bernard Benjamin	79-654
Grinstead, Willis G.	79-825
Israel, Firooz	80-186
Lindert, Gordon Llewellyn	80-219
Lu, George Hu-Yuan	80-264
Lyon, Elvis Duane	80-133
Miles, Jack Fred	80-258
Morden, Robert Norman	80-134
Moss, Elliott T.	80-075
Nickell, Dell Orey	80-073
Ouchi, James Akira	79-792
Porter, Lanny David	79-725
Prasad, Shashi Bhushan	79-759
Real, William J.	80-022
Shephard, David Reno	79-420
Smith, Gregory B.	80-129

CIVIL ENGINEERING--contd

Talbot, Grant R.	80-071
Van Poperin, Gilbert Charles	80-029
Xinos, Sydney Smith	79-786

ELECTRICAL ENGINEERING

Chapman, Robert Lancelot	80-036
Deshmukh, Prakash Y.	80-139
Helbling, Ronald Francis	80-055
Nallin, Eugene Joseph	80-155
Rector, Kenneth Ray	80-094
Riley, John Thomas	79-662
Swartwood, Robert M.	80-137
Treffeisen, Richard Edward	80-210
Vollrath, Edward J.	79-831
Willey, James C.	80-003
Wolfram, Ralph Edwin	80-138

MECHANICAL ENGINEER

Davis, James Vernon	80-056
Gabel, Steven D.	80-152
Glover, James H.	80-091
Lieberman, Bernard	80-067
Sabeff, Peter	79-767
Tarrillion, Richard Benedict	80-224
Utton, Charles Greg	80-107

continued...

SANITARY ENGINEERING

King, Paul Hamilton	80-005
Smith, Clinton E.	80-81
Spiker, Kenneth Earl	79-752

STRUCTURAL ENGINEERING

Clausen, Walter Bertin (Jr.)	80-123
Correia, William John	80-065
Gillum, Jack Dean	79-671
Hansen, Horace Maynard	80-124
Teng, Wayne C.	79-757

LAND SURVEYING

Benner, Edgar Frederick (Jr.)	79-761
Cavdek, Victor	80-83
Dodson, Robert Gregg	80-144
Fuller, Jan M.	80-077
Medina, O.V.	80-230

GEOLOGY

Elliott, Douglas Howard	79-1
-------------------------	------

2. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S.32-123.B), and it is recommended to the Board that these individuals be held for examinations as indicated:

GEOLOGY

Magee, Maurice	80-231	Parts 3 & 4
----------------	--------	-------------

CIVIL ENGINEERING

Dalton, Robert Rex	80-147	Parts 1,2,3,4
Foster, Thomas Daniel	80-174	Part 4
Gentry, Ronald Craig	80-084	Parts 1,2,3,4
Monihan, David M. (Jr.)	80-100	Parts 3 & 4
Robbins, Joseph Shelby (III)	80-035	Parts 3 & 4
Tysiac, Lawrence Leon	80-086	Parts 3 & 4
Tzeng, Charles C.	80-102	Parts 3 & 4
Ware, William Fuchs	80-089	Parts 3 & 4

ELECTRICAL ENGINEERING

Arechavaleta, Joe R.	80-136	Parts 1,2,3,4
Gold, Leonard Steven	80-063	Parts 1,2,3,4
Ketchum, Ronald Eugene	80-039	Parts 3 & 4
Ritch, Robert Edward	79-780	Parts 3 & 4
Shecton, Michael (Jr.)	80-069	Parts 1,2,3,4

MECHANICAL ENGINEERING

Goetting, Fred Thornton (Jr.)	80-043	Parts 3 & 4
Green, Lowell	80-097	Parts 1,2,3,4
Nelson, William I.	80-125	Parts 3 & 4
Wilke, Thomas Albert	80-151	Parts 3 & 4

MINING ENGINEERING

Hardy, Kim Leon	79-798	Parts 3 & 4
-----------------	--------	-------------

continued...



SANITARY ENGINEERING

Garza, Marvin C.	80-080	Parts 1,2,3,4
Hiett, Harley Rue	80-018	Parts 3 & 4

STRUCTURAL ENGINEERING

Chheda, Padamshi Hirji	80-042	Parts 5 & 6
Dunn, W. Gary	80-027	Parts 3,4,5,6
Rivera, Michaela Draga	80-098	Parts 3,4,5,6
Solomon, Morton Alfred	80-122	Parts 5 & 6
Tzeng, Charles C.	80-101	Parts 5 & 6
Waters, Charles Edward	80-109	Parts 5 & 6

LAND SURVEYING

Dellinger, Charles Fredrick	80-190	Parts 1,2,3,4
Eichstadt, Mark Arthur (Sr.)	80-058	Part 4
Falksen, Suzanne C.M.	80-050	Parts 1,2,3,4
Garrett, Raymon Lewis	80-078	Parts 3 & 4
Groff, Jon Arvin	80-140	Parts 1,2,3,4
Lynck, James L.	80-141	Parts 1,2,3,4
Mason, Reuben	79-675	Parts 1,2,3,4
Moore, James H.	80-079	Parts 3 & 4
Moss, Elliott T.	80-074	Part 4
Peters, Floyd Arden	79-569	Parts 1,2,3,4
Slaughter, Robert Mayfield	80-99	Parts 1,2,3,4
Spire, Lari Don	80-208	Parts 1,2,3,4
Thomas, Robert Rockwell	80-162	Parts 1,2,3,4
Van De Bogart, Roy W.	80-193	Parts 1,2,3,4
Fuller, Jerry Douglas	79-762	Parts 1,2,3,4

3. The following applicants, having been advised of additional requirements and having failed to respond, are hereby recommended to the Board for denial of their applications for failure to complete the requirements of the Board within a reasonable length of time:

Bellsey, Gerald Peter	78-637	Electrical Engineer
Desai, Ghansyam (Sam)	80-011	Civil Engineer
McClure, Robert W.	79-408	Civil Engineer

4. The following applicants were denied comity registration in civil engineering on February 22, 1980 for lack of civil engineering experience. The Board determined that experience in these cases was acceptable in structural engineering, but the applicants chose to continue their applications in civil engineering and were denied. They are appealing the denial. The Committee recommends that the Board action of February 22, 1980 be sustained.

George, Leonard Francis	79-703	Civil Engineer
Orrison, Gerald K.	79-673	Civil Engineer
Wood, Norman Douglas	79-639	Civil Engineer

Letters are attached to this report.

continued...

## Engineering Evaluation Committee Report--contd.

5. The following applicants request waiver of required examinations:

- A. Tepley, George J. 74-392 Civil Engineer, Parts 1 & 2

Mr. Tepley has passed Parts 3 & 4 of the civil engineering exam. He is a graduate of the University of Prague in civil engineering, is 56 years old, and has 28 years of engineering experience--the last eight with his present employer who recommends Board consideration. The Committee believes this applicant meets the requirements of the Board's waiver rule, and recommends that the Fundamentals exam be waived and that Mr. Tepley be granted registration.

- B. Masowdi, Amir M. 75-231, Civil Engineer, Part 2

Mr. Masowdi is a graduate of the University of Kabul (BSCE) and the University of Arizona (B.S. in Hydrology), is 40 years old, and has 15 years of engineering experience. This applicant does not meet the requirements of the Board's waiver rule (graduate of accredited school, 45 years of age, 20 years of engineering experience). Mr. Masowdi has passed Parts 1, 3 and 4 of the civil engineering exams. He has taken Part 2 nine times. The Committee recommends that waiver of Part 2 be denied.

- C. Strouse, David Frank 72-542, Highway Engineer, Parts 1 & 2

Mr. Strouse has passed Parts 3 & 4 of the highway exams. He is not a graduate, but has 50 credit hours toward a civil engineering degree. He is 61 years old, and has 20+ years of engineering experience. He has taken Parts 1 and 2 twelve times. He does not meet the Board's waiver rule. The Committee recommends that waiver of Parts 1 and 2 be denied.

- D. Hodges, Paul Arthur 79-335 Mining Engineer, Parts 3 & 4

Mr. Hodges took Parts 3 and 4 in November 1979 and failed. Parts 1 and 2 were waived due to education, age and experience. He is 53 years of age, and has 30+ years of experience. The Committee recommends this matter be tabled until September, at which time the Board will have new rules by which to determine the merits of Mr. Hodges' request to be granted registration without examination.

- E. Sartori, Joseph Anthony 80-025, Civil Engineer, Parts 3 & 4

On April 10, 1980 Mr. Sartori appeared for personal audience (Mr. Gomez, Dr. O'Bannon) and was held for Parts 3 and 4 of the civil engineering exams. Mr. Sartori is registered in Massachusetts by education and experience only, is 56 years old, and has 32 1/2 years of education and experience credit. On May 15 Mr. Sartori appeared before the Evaluation Committee appealing the previous decision. The Committee referred the matter to the full board for review. Mr. Sartori has requested the opportunity to address the Board regarding his request.

## Engineering Evaluation Committee Report--contd.

6. The following applicant requests reconsideration of denial of his application by board action February 22, 1980 for failure to appear:

Blackmon, Julius Lemay      78-598    Civil Engineer

Mr. Blackmon in his letter of April 7, 1980 indicated he received notice of personal audience late because of address changes. The Committee recommends reconsideration of denial and that Mr. Blackmon be scheduled for personal audience one more time.

7. ARIZONA PROFESSIONAL LAND SURVEYORS

The Committee reviewed a letter received from the Arizona Professional Land Surveyors, Ethics Committee, offering help to the Board and asking the Board's suggestions as to how their committee can best be of assistance. The Committee recommends to the Board that the offer be accepted and that they be invited to appoint a sub-committee to review land surveying complaints and to make recommendations to the enforcement committees of the Board.

Respectfully submitted,



Charles E. O'Bannon  
Committee Chairman

April 10, 1980

Mr. Leonard F. George  
Braden Steel Corporation  
P. O. Box 2619  
Tulsa, Oklahoma 74101

RE: Application No. 79-703  
Civil Engineer

Dear Mr. George:

Continuing our correspondence concerning the recent board action on your application, you understood correctly from your personal audience that structural engineering registration in Arizona requires 24 hours of examination and that a comity situation such as yours would require that the deficiency in examination be brought up to Arizona's standard, thus the chairman's statement to you that you would be required to sit for Parts 5 & 6 of Arizona's structural examination. The board is willing to waive the fact that you may have been examined in civil engineering in the NCEE's Principles and Practice of Engineering in lieu of the NCEE structural engineering examination which our Arizona applicants are required to take. Parts 5 & 6 of our Arizona examinations contain problems dealing with application of governing codes of various materials such as the AISC (steel), ACI (concrete), and AITC (wood). For a person practicing structural engineering, these exams should not be of major consequence, but do give the board assurance that you have a minimum level of technical competence in representing yourself as a structural engineer.

Examination and registration of engineers by discipline has been the case in Arizona since the process was begun in 1921 and has not changed. What has changed is the board's historic and valued use of judgement in determining whether a person is qualified to practice. This practice was branded "arbitrary and capricious" by the Auditor General in his recent audit of our agency, covering 15 years of activity. More and more, the Legislature, the Auditor General and the Attorney General are insisting that a uniform standard established by the board's rules and regulations apply equally to everyone.

Now, regarding your question of whether or not you must return to Arizona for the examination, this is an Arizona examination which no other board offers. We can, however, if hardship is evident or you are physically unable to make an appearance, offer the exam under the security of your own board's procedures, to be proctored by the Oklahoma Board on the same day we give it here in Arizona.

I hope, Mr. George, that this will clarify your understanding of the board's action in processing your application.

Very truly yours,

F. Mark Edson  
Executive Director

cc: Mr. Roy J. Thompson  
Oklahoma Board

# Braden Steel Corporation

14184

P.O. BOX 2619 • 9910 E. 56TH ST. NO. • TULSA, OKLAHOMA 74101 • TELEPHONE 918-272-5371

March 28, 1980

Arizona State Board of Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, Az. 85007

Attn: F. Mark Edson

Dear Board Members:

I appreciate your review and comments on my letter of March 14, 1980. I would also like to thank you for including a copy of the board minutes. By providing me with this information, I have a better understanding of what board action has taken place.

In your letter to me of March 24, 1980, you are accurate in stating that you received from me a letter on February 7, in which I indicated a preference not to change my application originally presented. However, you did not verify that during the evaluation committee audience on January 18, I was told that I would have to return to Arizona to take an additional examination on Structural Engineering, if I elected to change my application from Civil to Structural. Since this point is of great importance to the Oklahoma State Board of Registration in its study of reciprocal registrations, it would be appreciated if you would verify this point.

As I stated in my letter of March 14, 1980, I am willing to accept an Arizona registration in Structural Engineering, provided I am not required to take an additional examination in Arizona.

Sincerely,



Leonard F. George  
Sr. Design Engineer  
(Application #79-703)

LFG:ah

cc: Oklahoma State Board of Registration



Oklahoma State Board of Registration for  
PROFESSIONAL ENGINEERS and LAND SURVEYORS

OKLAHOMA ENGINEERING CENTER (ROOM 120) • 201 N. E. 27TH STREET • OKLAHOMA CITY, OKLAHOMA 73105 • A/C 405 521-2874

April 1, 1980

W. SCHROEDER, P.E.  
CHAIRMAN  
COLLEGE OF ENGINEERING  
OKLAHOMA STATE UNIVERSITY  
STILLWATER

HAN E. SMITH, P.E., L.S.  
VICE CHAIRMAN  
HENMAN E. SMITH  
& ASSOCIATES  
OKLAHOMA CITY

J. FRED SAULS, P.E.  
OILS & PETROLEUM COMPANY  
BARTLESVILLE

KIMBERLING, P.E., L.S.  
INDUSTRIAL DEPARTMENT  
CITY OF TULSA

D. D. VICK, L.S.  
SVE, INC.  
OKLAHOMA CITY

ROY J. THOMPSON, P.E.  
SECRETARY

NORMA UNRUH  
EXECUTIVE SECRETARY

Mr. Leonard F. George, P.E.  
301 E. 22nd Street  
Owasso, OK 74055

Dear Mr. George:

I have reviewed with interest your correspondence with the Arizona State Board of Technical Registration. It will be circulated as a matter of concern at the May 9 meeting of the Oklahoma Board.

There is no arrangement between Arizona and Oklahoma for what you have referred to as "reciprocity". We have observed a relationship of comity in exchanging information, and in accepting the results of NCEE examinations on applications received from our respective registered residents. Every applicant must of course meet the statutory requirements of the state to which he is making application.

The correspondence indicates that Arizona has in fact accepted the examination results from Vermont (Fundamentals) and Oklahoma (Principles, Civil). In the NCEE format, Civil and Structural are set up as different disciplines with separate examinations. You might ask Arizona if your election of Civil is the reason for additional examination for a Structural designation under Arizona Statutes.

Yours very truly,

Roy J. Thompson  
Secretary

cc: Arizona Board  
Attn: F. Mark Edson, Executive Director

Mr. F. Mark Edson  
Tulsa, OK, 74103  
March 14, 1980

RECEIVED

March 24, 1980

Mr. Leonard F. George  
301 East 22nd Street  
Owasso, OK 74055

Application No. 79-703, Civil Engineer

Dear Mr. George:

I acknowledge receipt of your letter of March 14, 1980, and I will bring it to the attention of the board at its next meeting on June 6, 1980.

In reviewing your file, I note that after having discussed the Board Chairman's (Mr. Gomez) review of your experience with him on January 18, 1980, you forwarded your letter of February 7, 1980, indicating you preferred not to change your application.

I am enclosing a copy of Page 3 of the board's February 22, 1980 agenda, indicating the group of people which was forwarded to the board without recommendation. Each file was reviewed by the board as a whole.

Also enclosed is a copy of Page 4416 of the Minutes of board actions at the February 22, 1980 meeting. As you can see, the review and action came at the board level.

Very truly yours,

F. Mark Edson  
Executive Director

Enclosures

301 E. 22nd St.  
Owasso, Ok. 74055  
March 14, 1980

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

RECEIVED  
MAR 19 1980

Dear Board Members:

On March 12, 1980, I received written notification that my application for registration as a Professional Engineer in the state of Arizona was denied by Board action. The purpose of this correspondence is to request reconsideration of the Board in its action pertaining to my application. In making this request, I would like to present the following information:

1. I am willing to be registered in any classification deemed appropriate for my qualifications provided I will not be required to submit to and pass an additional examination conducted by the State Board of Arizona. Having been duly registered by the state of Oklahoma as a Professional Engineer by examination, my intention in making application to the Arizona Board in October of 1979 was to gain registration on a reciprocal basis. On January 18, 1980, during a personal audience with the Arizona Board Professional Engineering Evaluation Committee, I was informed that should I elect to be registered as a Structural Engineer, I would be required to pass a special examination on Structural Engineering. I was also informed that the evaluation committee would present my application to the general board as a Civil Engineer, if I so desired, with no recommendation to the general board for denial or acceptance.
2. I would like to point out that in deciding what branch of engineering was most appropriate for me, I very carefully studied Arizona Code #32-122A. Under this section of the code, it is stated that..."study satisfactorily completed in an architectural, engineering, geological, or landscape architectural school approved by the Board up to a maximum of five years, may be considered equivalent to one year of active engagement". The education that I received at the University of Vermont cannot be described as anything but a well rounded Civil Engineering education for which I was ultimately rewarded with a Bachelor of Science Degree in Civil Engineering. In light of this understanding, I question the finding of the evaluation committee that "virtually all your experience has been in structural engineering". I consider the education that I have received to be a very important aspect of my experience as a Civil Engineer.



Arizona State Board of  
 Technical Registration  
 March 14, 1980  
 Page 2

3. In denying my application for registration as a Civil Engineer, do I understand that the board is of the opinion that Structural Engineering is not a bona fide practice for a Civil Engineer?
4. I would like to point out to the board that it is my understanding that the ethical practice of any Professional Engineer demands that he practice within the confines of his competence. If granted registration in Arizona, I would like the board to know that I intend to practice in an ethical manner as a Professional Engineer.

I would like to ask the Board to review what I am presenting herein as my understanding of the board's action pertaining to my application for registration up to this date:

January 4, 1980:

Having received a complete application along with required references, the board invited me to a personal audience with the Evaluation Committee on January 18, 1980.

January 18, 1980:

I completed a 20 minute examination on comprehension of the Arizona Laws conducted by the Arizona Board at their office. I attended a personal audience with the Board's Engineering Evaluation Committee which consisted of two board members, F. Mark Edson - Architect and Rod J. Gomez - Civil and Structural Engineer. It was stated to me at that time, that if I wished to apply as a Structural Engineer, I would have to return to Arizona to take an additional examination on Structural Engineering.

March, 12, 1980:

I receive correspondence from the Board that my application had been denied. The board acted upon the recommendation of the Engineering Evaluation Committee, which, I assume, was the same committee that conducted the personal audience.

Sincerely,



Leonard F. George  
 Sr. Design Engineer  
 (Application #79-703)

cc: Oklahoma State Board of Registration  
 for Professional Engineers and Land Surveyors

# SOULÉ BUILDINGS

A DIVISION OF SOULÉ STEEL COMPANY

April 10, 1980

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

RECEIVED

APR 14 1980

Gentlemen:

In response to your letter of February 25, 1980, I hereby request that you reconsider my application for registration as a Civil Engineer as provided for in section R4-30-02 of the rules of the board. I do not know that a personal appearance is necessary, but if you would prefer that I make one I would be glad to do so. In any event, I wish to make several comments.

The idea that I lack experience as a Civil Engineer, because most of my experience has been in the structural area, is difficult to accept. Especially since I have always thought that structural design was a branch of civil engineering.

Since neither the registration law, nor the Rules of the Board, define civil engineering or structural engineering one must rely on definition from other sources. To this end I have enclosed a copy of a page from the catalog of the Missouri School of Mines and Metallurgy, which is now the University of Missouri at Rolla, which I think adequately supports my contention that structural design is a branch of civil engineering.

I believe there is also support for my position in the registration laws of other states. The state of California requires registration as a Civil Engineer and additional experience and testing before a person can be registered as a Structural Engineer. Similarly, the state of Washington considers Structural Engineering to be a specialized branch and requires initial registration in another, more basic branch.

As you know from my application, I am presently registered in nineteen states, of which eighteen are by reciprocity. Of those nineteen states I am registered as a Civil Engineer in the nine states that have registration by branch. This includes six states that recognize Structural Engineering as a separate branch and at least one, Oregon, appears to have the same requirements as Arizona. There was no suggestion by any of these states that I was not qualified as a Civil Engineer. While I realize that Arizona is not bound by the actions of other states, it seems strange to me that you would take a position so different from these other states.

Arizona State Board of  
Technical Registration

April 10, 1980  
Page Two

During the course of my conversation with the evaluation committee, concern was expressed about pending sunset law review of the functions of the Board of Technical Registration. They stated that they exercise special care in reviewing applicant's experience records to insure consistency. However, it appears that the evaluation committee is applying a totally arbitrary definition of Civil Engineering, which is inconsistent with the classical definition and customary functions of the profession.

The evaluation committee also gave me the impression that they wanted me to apply for registration as a Structural Engineer because they felt the work I do should be done by a Structural Engineer. In addition, they indicated that a Civil Engineer's registration might not be sufficient for some agencies I might have to deal with. However, the requirement for a Structural Engineer's seal instead of a Civil Engineer's on certain types of work is not spelled out in the registration law, but is left up to the various approval and specifying organizations. Likewise, neither the registration law, nor the rules of the board delineate a demarcation line between civil and structural engineering. I cannot believe that none of the Civil Engineers in your state design structures.

In conclusion, I must ask what conditions have created a situation where a person with two degrees in civil engineering and registration as a Civil Engineer in nine other states is not qualified to practice as a Civil Engineer in Arizona. Do you feel the courts would uphold your position?

I trust that you will consider these comments and reverse your previous denial of my application for registration as a Civil Engineer.

Sincerely,

*Gerald K. Orrison*

Gerald K. Orrison

GKO:rk  
Encl.

LUMBERMATE®



"profit engineered products for wood construction"

March 6, 1980

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

Dear Sirs:

I enjoyed very much being in your state in January while taking my multiple choice examination and interview with the two board members and Mark Edson.

I am writing to explain why at this time I have chosen to be registered as a Civil Engineer rather than a Structural Engineer.

As a Sr. Engineer at Lumbermate I design and detail wooden trusses and check designs that the other engineers in our company have made. I am enclosing some typical examples. Most of the trusses we design are for residential use, agricultural pole barns, commercial warehouses or small commercial offices. The finished truss designs are sent to truss fabricators in 23 states and total approximately 8000 designs per year and in only one place has a Structural seal been required, Lake County, Illinois which is adjacent to Chicago. All of our other designs are sealed with either a Professional or Civil Engineers seal and we have never had any problem with this type of light construction requiring a Structural seal.

At this moment we do not have any truss fabricators in Arizona that we furnish engineering for and do not anticipate furnishing any engineering for any Arizona truss fabricators in the immediate future, however, before we can actively promote selling our truss plates and the engineering that goes with them we should have an Arizona registration so that we would be able to seal our own engineering in the event that an Arizona truss fabricator began buying our plates.



Arizona State Board of  
Technical Registration  
March 6, 1980  
Page Two

I am looking forward in the future to being in Arizona again  
and doing business with the people of Arizona.

Thank you for taking the time to read this letter and review  
my application.

Sincerely,

*Norman Douglas Wood*

Norman Douglas Wood, P.E.

NDM/ka

cc: Mark Edson

TO: State Board of Technical Registration May 29, 1980  
FROM: F. Mark Edson, Executive Director  
SUBJECT: GEOLOGY ADVISORY COMMITTEE

The first meeting was held May 12, 1980. In attendance:

- Professor John Anthony - University of Arizona - Exam Coordinator
- \* Richard Hahman - Tucson - Geologist
- \* Don Williamson - Tucson - Geologist, Cyprus Mining Company
- Paul Manera - Phoenix - Geologist
- \* Richard W. Rush - Phoenix - Consulting Geologist
- William Greenslade - Phoenix - Consulting Geological Engineer
- F. Mark Edson - Executive Director
- \* non registrants

1. Mr. Edson outlined the nature and purpose of the Board's acceptance of assistance from the Advisory Committee and discussed the necessity of the committee's using qualified people who are also registrants on the Advisory Committee. The Committee will provide advice and counsel in application review, preparation of rules and regulations affecting geology practice, review of complaints in geological or assaying fields, and last, in recommending examination syllabi for preparation of examination questions. In the interim, they will comment on exam questions of current series of exams to provide input for exam writers under Dr. Anthony at the University of Arizona.
2. The Committee agreed:
  - A. To meet about ten days before Evaluation Committee meetings for the purpose of making recommendations on geology applications. It was suggested that geology files be scheduled for the months before board meetings for evaluation as a general rule.
  - B. To give priority to any rule changes affecting geologists with the next meeting set for June 16 to consider any recommendations.
  - C. To target a date in August for completion of review of old exams for comment and/or recommendation affecting the October 30-31 exams and to begin work on an examination syllabus after this time, possibly having an effect on exams for the November 1981 series.
  - D. To consider working with the Board to establish the need and to generate agreement for a uniform geology exam which might gain credence with all states registering geologists.

## REGISTRATIONS DENIED

- (1) It was moved by Mr. Goodwin and seconded by Mr. Nunn that the following applicants be denied registration for failure to complete the requirements of the board within a reasonable length of time. Motion carried.

Allison, Frank Edward (Sr.)	79-711	Architect
Brown, Richard Evans	79-508	Architect
Frederickson, Mark Paul	78-429	Architect
Bellsey, Gerald Peter	78-637	Electrical Engineer
Desai, Ghansyam (Sam)	80-011	Civil Engineer
McClure, Robert M.	79-408	Civil Engineer

- (2) It was moved by Dr. O'Bannon and seconded by Mr. Trimble that the following applicants be denied registration with neither prejudice nor refund at their own request. Motion carried.

Athanasios, A. Athanasiou	79-346	Architect
Rerick, Donald Jack	79-338	Civil Engineer

REGISTRATION GRANTED

C4495

1. It was moved by Dr. O'Bannon and seconded by Mr. Goodwin 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

Alcumbrac, Robert Sherwood	13027
Allwine, Greg Lee	13028
Bagala, Joseph A.	13029
Barg, James Charles	13030
Bol, Andrew S.	13031
Bowen, Billy Bryan	13032
Copeland, Charles E.	13033
Greene, Odis Barry	13034
Jones, Marcus E.	13035
Kesian, Romik M.	13036
Lang, Scott K.	13037
Lewis, Michael Weston	13038

Mackey, David Lloyd	13039
Martens, Jonathan Paul	13040
Mettler, John Ulrich	13041
Middleman, Barry Phillip	13042
Nott, Thomas Don	13043
Patterson, Jack Dawson	13044

Reese, Frank Lundberg	13045
Sisk, Sidney	13046
Small, Sherwin Earl	13047
Taylor, Gary Joseph	13048
Twohig, Paul Francis	13049
York, Robert Earl	13050

LANDSCAPE ARCHITECTURE

Brant, David Dale	13051
Johnson, Bruce Aldridge	13052

GEOLOGY

Elliott, Douglas Howard	13053
-------------------------	-------

LAND SURVEYING

Benner, Edgar Frederick (Jr.)	13054
Cavdek, Victor	13055
Dodson, Robert Gregg	13056
Fuller, Jan M.	13057
Medina, O. V.	13058

CIVIL ENGINEERING

Abboud, John Matthew	13059
Banks, Louis Anderson	13060
Bullard, Kenneth L.	13061
Cherrington, Paul Ashby	13062
Childs, William Dwight	13063
Coleman, Raymond Conrad	13064

Corey, Fred C.	13065
Curby, Norma Jean Compton	13066
Eichstadt, Mark Arthur (Sr.)	13067
Erwin, Lee B.	13068
Farnsworth, Donald Dennis	13069
Gordon, Bernard Benjamin	13070

Grinstead, Willis G.	13071
Israel, Firooz	13072
Lindert, Gordon Llewellyn	13073
Lu, George Hu-Yuan	13074
Lyon, Elvis Duane	13075
Miles, Jack Fred	13076

Morden, Robert Norman	13077
Moss, Elliott T.	13078
Nickell, Dell Orey	13079
Ouchi, James Akira	13080
Porter, Lanny David	13081
Prasad, Shashi Bhushan	13082

Real, William J.	13083
Shephard, David Reno	13084
Smith, Gregory B.	13085
Talbot, Grant R.	13086
Van Poperin, Gilbert Charles	13087
Xinos, Sydney Smith	13088
Tepley, George J.	13115

ELECTRICAL ENGINEERING

Chapman, Robert Lancelot	13089
Deshmukh, Prakash Y.	13090
Helbling, Ronald Francis	13091
Nallin, Eugene Joseph	13092
Rector, Kenneth Ray	13093
Riley, John Thomas	13094
Swartwood, Robert M.	13095
Treffeisen, Richard Edward	13096
Vollrath, Edward J.	13097
Willey, James C.	13098
Wolfram, Ralph Edwin	13099



REGISTRATIONS GRANTED--contd.MECHANICAL ENGINEERING

Davis, James Vernon	13100
Gabel, Steven D.	13101
Glover, James H.	13102
Lieberman, Bernard	13103
Sabeff, Peter	13104
Tarrillion, Richard Benedict	13105
Utton, Charles Greg	13106

STRUCTURAL ENGINEERING

Clausen, Walter Bertin, Jr.	13110
Correia, William John	13111
Gillum, Jack Dean	13112
Hansen, Horace Maynard	13113
Teng, Wayne C.	13114

SANITARY ENGINEERING

King, Paul Hamilton	13107
Smith, Clinton E.	13108
Spiker, Kenneth Earl	13109

2. It was moved by Dr. O'Bannon and seconded by Mr. Trimble that the following applicants for in-training registration, having satisfactorily completed the written examination and all other requirements of the Board, be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ENGINEER-IN-TRAINING

Antonio, Joseph J.	2240	Jones, Donald Ray	2253
Austin, Andrew Hamilton (III)	2241	Kondilis, Francis Nicholas, Jr.	2254
Blount, David	2242	Mathis, Julie A.	2255
Campbell, James Stuart	2243	Morgan, Kenneth A.	2256
Chavez, Kathleen Marie	2244	Pearson, David Scott	2257
Davey, Doreen A.	2245	Phelan, Paul Francis	2258
DeMars, Peter V.	2246	Reinhold, Mark Reed	2259
Doll, Jack George	2247	Sharp, Jeff Kirkland	2260
Dubovik, Anthony T.	2248	Skilsky, Michael	2261
Frick, Kenneth L.	2249	Stankis, James F.	2262
Hawkins, David Kenneth	2250	Steiger, Robert C.	2263
Hemmila, Karl Eric	2251	Wood, Rebecca Lynn	2264
Humphrey, William A. (Jr.)	2252	Wylie, Thomas P.	2265
Gunn, David Wayne	2266		

## REPORT OF THE EXECUTIVE DIRECTOR

STAFF

Our staff is back in full compliment with the appointment of Lavern Douglas as an application examiner on May 5, 1980.

Reclassification activity is still in process. Virginia's scheduled change from Administrative Secretary (Grade 12) to Business Manager I (Grade 15) was forwarded by the Governor's Commission on Personnel May 28, 1980, and we are hopeful that the Personnel Division's Classification Section will report it out favorably by the middle of June.

We are initiating now the original classification of our new Investigator position, and we should have that completed also by the middle of June when we expect to be recruiting. Our newly approved Clerk-Typist position will not be filled until January 1, 1981.

PROCESSING ACTIVITY

Application activity is as follows as of May 15, 1980:

	1979	1980
Professional	470	322
In-Training	155	180

ENFORCEMENT ACTIVITY

With completion of legislative activity we can turn toward reorganization of all enforcement procedures and files, getting ready for a permanent staff position in this area after July 1, 1980. I estimate we have a backlog of work in this area of at least 30 days, which I hope to clean up during the summer. We expect to have a draft of a proposed program to satisfy the legislative mandated "Peer Review Program" for review by the Board in September.

BUDGET REVIEW

We began studies for our 1981-82 budget May 14 with a meeting initiating a systems review of our operation by Data Processing specialists. I hope these studies will lead to a further emphasis on automation for our 1981-82 budget, where our emphasis this year was on people.

OFFICE OPERATIONS

We have finally ordered the Annual List of Active Registrants to be run, from which we will prepare the publication we intend to sell. It took nearly two months to debug the programs we had supposed were done last fall and to update what we had presumed to be updated files. Now, it should run smoothly.

continued...

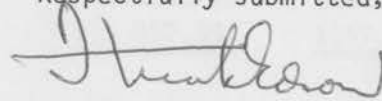
REPORT OF THE EXECUTIVE DIRECTOR--contd.

We have initiated programming changes for use with our new triennial renewal system, and the forms we will use are out to bid now--a continuous complete form which will come from Data Processing ready to mail.

Our new code booklet is being bid now, and we hope we will be able to mail it to all registrants along with a commentary and the annual report about the first of July.

We have requested additional space from the Public Buildings Division to accommodate new staff.

Respectfully submitted,



F. Mark Edson  
Executive Director

CASH FLOW REPORT  
MARCH 1980

Balance as of July 1, 1979	\$ 78,923.92
Total Receipts, YTD	157,441.92
Total Expenditures	(106,178.51)
Outstanding Encumbrances	(4,685.69)
Prior Year Cancelled Warrants	8.10
<b>BALANCE at March 31, 1980</b>	<b><u>\$125,509.74</u></b>

Lump Sum Appropriation \$172,100.00

RECEIPTS:	MARCH	YEAR-TO-DATE
Application Fees & Misc.	\$4,393.36	\$ 25,809.06
Renewal Fees & Penalties	7,615.90	126,701.40
Examination Fees	5,560.00	22,425.00
Less 10% to General Fund	(1,756.93)	(17,493.54)
<b>TOTAL RECEIPTS</b>	<b><u>\$15,812.33</u></b>	<b><u>\$157,441.92</u></b>

EXPENDITURES:		
Personal Services	\$ 4,634.40	\$ 46,618.00
Employer Related	700.20	8,083.16
Professional Services	2,899.35	17,541.72
Travel, In-State	250.54	3,242.21
Travel, Out-of-State	-0-	1,550.06
Data Processing	106.14	1,886.19
Rent and Space	-0-	8,575.00
Maint. and Repairs	-0-	442.50
Office Supplies	552.07	3,878.50
Subscriptions	-0-	175.46
Postage & Mailing	13.45	5,669.25
Telephone	188.32	1,498.77
Freight	-0-	229.58
Copier Lease	-0-	915.66
Refunds	-0-	190.00
Revolving Fund	-0-	1,000.00
Refuse Pick Up	-0-	197.60
Equipment	-0-	131.15
Advertising	-0-	11.20
Other Operating Expenses	-0-	39.86
Printing	157.50	1,370.12
Organizational Dues	-0-	2,717.50
Insurance	215.00	215.00
<b>TOTAL EXPENDITURES</b>	<b><u>\$ 9,716.00</u></b>	<b><u>\$106,178.51</u></b>

04500

File



OFFICE OF THE GOVERNOR  
STATE HOUSE  
PHOENIX, ARIZONA 85007

RECEIVED  
MAY 12 1980  
STATE HOUSE

BRUCE BABBITT  
GOVERNOR

May 9, 1980

The Honorable Bruce Babbitt  
Governor, State of Arizona  
State Capitol, West Wing, 5th Floor  
Phoenix, Arizona 85007

F. Mark Edson  
Executive Director  
Board of Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mark:

Thank you for your letter regarding the new appointments to your board. I will make certain that your suggestion is followed up.

Within the next few weeks we should be discussing the pending appointments.

Sincerely,

Chris Hamel  
Special Assistant

CH:dc

Handwritten notes and dates on the left side of the page, including "MAY 12 1980" and "MAY 20 1980".

F. Mark Edson  
Executive Director



## OFFICE OF THE GOVERNOR

STATE OF ARIZONA

PHOENIX, ARIZONA 85007

MAY 14, 1980

May 6, 1980

The Honorable Bruce Babbitt  
 Governor, State of Arizona  
 State Capitol, West Wing, 9th Floor  
 Phoenix, Arizona 85007

Attention: Chris Hamel

Dear Governor Babbitt:

I am writing to explain a small problem which I hope you can find a way to correct by administrative action in making new appointments to the Board of Technical Registration.

We have nine board members who serve three-year terms; and theoretically, three of these terms should expire each year on June 30, thus assuring continuity of a majority of the board in each succeeding year. Somewhere, long ago, the process got out of context, so that some years two terms expire, other years such as 1980 four terms expire, and some years we get only one new appointment.

In the coming months the Governor will have the honor of making five appointments to our Board. I would like to ask you to arrange expiration dates so that the whole process can come back to the theoretical model of three terms expiring each year. Can you consider correcting this administratively?

The carry-overs that we have are as follows, considered with new appointments:

Expiring June 30, 1981

Rod J. Gomez  
 John Riggs (if filling out my old term)  
 1 new appointment

Expiring June 30, 1982

Jimmie R. Nunn  
 William S. Gookin  
 1 new appointment

Expiring June 30, 1983

3 new appointments

Sincerely,

F. Mark Edson  
 Executive Director



04502

OFFICE OF THE GOVERNOR  
STATE HOUSE  
PHOENIX, ARIZONA 85007

IN REPLY  
REFER TO:

May 19, 1980

RECEIVED

MAY 19 1980

STATE HOUSE

BRUCE BABBITT  
GOVERNOR

The Honorable Bruce Babbitt, Governor  
State Capitol, West Wing, 2nd Floor  
Phoenix, Arizona 85007

Mr. F. Mark Edson, Executive Director  
State of Arizona, Board of Technical  
Registration  
1645 West Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mr. Edson:

I am writing in response to your letter of May 6, 1980. While I do not always agree with the Auditor General, I believe that his September, 1979 audit performance of the Board of Technical Registration provides ample basis for questioning the past performance of the Board. Since the Board has a new lease on life, I am pleased to know that you intend to improve its operations and to make it more responsive to the needs of the public at large.

Sincerely,

Bruce Babbitt  
Governor

BB:nhh

OFFICE OF THE GOVERNOR

STATE HOUSE  
PHOENIX, ARIZONA 85007  
April 30, 1980

RECEIVED  
MAY 2 1980

May 6, 1980

The Honorable Bruce Babbitt, Governor  
State Capitol, West Wing, 9th Floor  
Phoenix, Arizona 85007

Dear Governor Babbitt:

I am attaching a news clipping reporting your action in allowing the Technical Registration Board to continue.

I believe we are making considerable progress in improving various aspects of the Board's operation, and it would help us considerably if we knew the basis for your lack of confidence in what we do.

The Board wishes to conduct its statutory responsibility in a manner which will command your respect and support, and it would appreciate any comments you care to offer.

Sincerely,

F. Mark Edson  
Executive Director

Enclosure





04504

State of Arizona  
BOARD OF TECHNICAL REGISTRATION

OFFICE OF THE GOVERNOR

STATE HOUSE

PHOENIX, ARIZONA 85007

April 30, 1980

IN REPLY  
REFER TO:

RECEIVED

MAY 2 - 1980

STATE BOARD

BRUCE BABBITT  
GOVERNOR

Mr. F. Mark Edson  
Executive Director  
Arizona State Board of  
Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mr. Edson:

I appreciate your letter and your concerns about the qualifications of the proposed "Water Resources Director." Certainly Wes Steiner is eminently qualified for the job.

I think the intent of the group was to emphasize a managerial and administrative background in water resources management, but that certainly doesn't preclude picking an Engineer.

Again, I appreciate your comments.

Sincerely,

Bruce Babbitt  
Governor

BB:cr

ARIZONA STATE BOARD OF  
TECHNICAL REGISTRATION

F. Mark Edson  
Executive Director





State of Arizona  
BOARD OF TECHNICAL REGISTRATION

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS  
1645 W. JEFFERSON, SUITE 315 • PHOENIX, ARIZONA 85007 • (602) 255-4053

March 27, 1980

The Honorable Bruce Babbitt  
Governor, State of Arizona  
State Capitol, West Wing  
Phoenix, Arizona 85007

RE: Concepts for Agreement, Integrated Package  
Arizona Groundwater Management Study Commission

Dear Governor Babbitt:

At the board's regular March meeting it had occasion to note on Page 1 of the above cited conceptual agreement a comment that the qualifications of the proposed Water Resources Director need not include an engineering degree. (A copy is enclosed.)

In view of the title which presently goes with this directorship, "State Water Engineer", and in view of the complexity of many hydrology matters that will come to the Director for review and approval, the board believes that his qualifications in hydrology are of utmost importance to the welfare of the people of Arizona; and if it is the intention that the Director will be the "State Water Engineer", it recommends to you that his qualifications include a requirement that he be registered under the provisions of A.R.S. 32, Chapter 1, among other things.

Mr. Wesley E. Steiner, Jr., the present Executive Director of the Water Commission, is not only a graduate of an accredited engineering school (with honors) but a registered civil engineer, Arizona No. 7195. The new position should not require less.

Respectfully yours,

ARIZONA STATE BOARD OF  
TECHNICAL REGISTRATION

F. Mark Edson  
Executive Director

Enclosure



File 04506

State of Arizona  
BOARD OF TECHNICAL REGISTRATION

OFFICE OF THE GOVERNOR

IN REPLY  
REFER TO:

STATE HOUSE

PHOENIX, ARIZONA 85007

April 7, 1980

BRUCE BABBITT  
GOVERNOR

RECEIVED  
APR 8 1980  
STATE BOARD TECHNICAL REGISTRATION

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

Dear Board Members:

I have reviewed your letter concerning a proposed investigation by the State Board into events surrounding the recent flood emergency. I agree with you that the Board, in this area, as all others, should be vigilant in the performance of the duties mandated by A.R.S. §32-128. Therefore, to the extent that information comes to the Board suggesting that an architect, engineer, or other licensee has engaged in acts of "gross negligence, incompetence, bribery, or other misconduct in the practice of his profession," I strongly believe that an investigation is required. To the extent that your current funding is not sufficient to carry out these statutory duties, I would be amenable to considering necessary supplemental budget requests.

I would be reluctant, however, to see the Board undertake an investigation which might conflict with the hearings being currently conducted by the Joint Legislative Committee.

I would therefore suggest that your request for such a significant amount of additional funding would properly be addressed to the Committee, to which you could explain the specific purposes of your proposed investigation.

Sincerely,

Bruce Babbitt  
Governor

BB:efh



State of Arizona  
BOARD OF TECHNICAL REGISTRATION

04507

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS  
1645 W. JEFFERSON, SUITE 315 • PHOENIX, ARIZONA 85007 • (602) 255-4053

The Honorable Bruce Babbitt  
Governor's Office  
1700 West Washington Street  
Phoenix, Arizona 85007

Dear Governor Babbitt:

Under the Arizona Revised Statutes the State Board of Technical Registration is vested with the authority and responsibility for two major functions. The primary function of the board is to determine the qualifications required for registration as architects, assayers, engineers, geologists, land surveyors, and landscape architects and to grant registration to those applicants meeting the requirements of the Board. The second, lesser-known responsibility of the Board is an oversight function described and authorized by A.R.S. 32-128. In that section it is stated, among other things, that "the Board may take disciplinary action against the holder of a certificate under this chapter, charged with the commission of any of the following acts: gross negligency, incompetence, bribery, or other misconduct in the practice of his profession."

The section further provides that the Board has the authority to make investigations, employ investigators and conduct hearings to determine whether a license issued under this chapter should be revoked or suspended.

As you are well aware, the State of Arizona has been severely damaged by a series of floods which have destroyed bridges, obliterated subdivisions, consumed vital real property interests including a portion of the Phoenix international airport, and disrupted transportation in various locations throughout the State. 1980 is the third successive year such disasters have occurred. These disasters, though seeming to be Acts of God, have given rise to a swelling public concern, given credence by the Joint Legislative Oversight Committee for Sunset Review, that there may be negligence, incompetence, bribery or other misconduct associated with the practice of those responsible for the design, construction, operation and maintenance of bridges, reservoirs, and flood control facilities throughout the State.

It is the consensus of the State Board of Technical Registration that the time has come for the Board to conduct investigations and hold hearings pursuant to A.R.S. 32-128.B for the purpose of determining the validity of public concern about professional competence and further to establish a clear and factual record of responsibility for professional and technical decisions surrounding the design, construction, operation and maintenance of the bridges, reservoirs and flood control structures or systems which have yielded under the pressure of recent flood waters.

STATE BOARD OF TECHNICAL REGISTRATION  
(Signatures Affixed)

These structures and systems are, for the most part, products of some of the state's largest and most complex governmental institutions; and further, federal bureaus may be involved in the design process that produces these facilities. The Board has no interest, nor has it the authority, to conduct a study of the cause or to propose solutions to the problem. It is the consensus of the Board that we can best serve the public interest of the State of Arizona by conducting a fact-finding investigation into the design and operational processes and track the professional decisions that may have contributed to failure of expensive structures and destruction of valuable real property interests. Our society has never been so affluent that it can afford to build the same bridges year after year.

The Board is eminently qualified as a jury of peers to take on this mission, and the Arizona Revised Statutes place the responsibility within its purview. Relying as we do on application fees, renewal fees, and examination fees to provide funds for our operation, it is plainly evident that the Board has neither the staff nor the financial base to undertake a task of this importance and magnitude, and we recognize the futility of beginning the investigation unless it is certain that it can be carried to completion.

It is the considered opinion of this Board, in order to begin and fulfill the charge of the referenced statute, that a deeply versed hearing officer is necessary, assisted by an investigative attorney versed in water law and damage litigation, qualified hydrologists, civil engineers, structural engineers and geotechnical specialists, supported by sufficient clerical and investigative staff to maintain a constant hearing agenda and to assemble through court reporters day-by-day and week-by-week a complete factual record surrounding each and every failure. While the Board's interest is in professional performance, the public record that is generated by our hearing process can have an enormous impact on the public and professional decision-making process affecting future investment of public funds in new facilities and systems.

To embark upon such a program without the ability to follow through could be far worse than ignoring the problem. It is our aim to provide a valuable public service--one which only we can adjudicate. We will do everything possible through legal proceedings to conduct our hearings as expeditiously as possible and to work for a speedy resolution of our obligation to determine the facts.

Again, it is the Board's considered judgement that the investigation and hearings we recommend may cost in excess of one quarter of a million dollars. Since the Board does not have resources of this magnitude, we sincerely ask your advice and counsel before beginning to document a request to the legislature for a supplemental appropriation to support this investigation. We do not believe it is rational to proceed without the approval and support of your office. Your immediate attention to our modest proposal is earnestly solicited.

Sincerely,

STATE BOARD OF TECHNICAL REGISTRATION  
(Signatures Affixed)

RECEIVED  
APR 10 1980

APRIL 9, 1980

NATHAN FEIGENBLATT, JR., P.E.  
SAFETY ENGINEER

4-9-80.

State Board of  
Technical Registration.

I believe you may  
be interested in the  
attached, as the bill  
called for "in particular"

- Established an aggressive  
peer review working  
with safety departments.

N. Feigenblatt, Jr.

RESPECTFULLY,

*Nathan Feigenblatt, Jr.*

04510

5/5 Hold for June 30 mtg

NATHAN FEIGENBLATT JR. P.E.

*Industrial Safety Engineer*

9236 EAST CALLE CABBADA

TUCSON, ARIZONA 85715

(602) 296-1626

RECEIVED

APR 10 1980

STATE BOARD TECHNICAL REGISTRATION

APRIL 9, 1980

HONORABLE ROBERT K. CORBIN  
ATTORNEY GENERAL  
STATE CAPITOL  
PHOENIX, ARIZONA 85007

DEAR SIR:

ON 3-11-80, I RECEIVED A PHONE CALL FROM REPRESENTATIVE DOUG TODD REQUESTING MY APPEARANCE A A SUB-COMMITTEE HEARING (FRIDAY, 3-14-80) IN REFERENCE TO THE SUN-SET REVIEW BILL # 2092.

PAGE 13 - LINE 32 OF THIS BILL:

- B. THE SUN-SET REVIEW OF THE STATE BOARD OF TECHNICAL REGISTRATION SHALL CONSIDER IN PARTICULAR WHETHER THE BOARD HAS:
  1. ESTABLISHED AN AGGRESSIVE PEER REVIEW PROGRAM WORKING IN-CONJUNCTION WITH THE VARIOUS BUILDING SAFETY DEPARTMENTS THROUGHOUT THE STATE.

IN FEBRUARY OF 1975 AND THEN AGAIN IN NOVEMBER OF 1978, I APPEARED BEFORE THE ARIZONA STATE BOARD OF REGISTRATION REQUESTING THEIR ACTION TO LICENSE THE SAFETY ENGINEER. I POINTED OUT THAT NOT ONLY WERE THERE FLAGRANT VIOLATIONS OF NON-COMPLIANCE OF ACCEPTABLE ENGINEERING PRACTICES BUT ALONG WITH THESE PROBLEMS WAS THE COVER - UP OF INJURIES TO THE EMPLOYEES.

THIS SHOULD COME AS NO SURPRISE TO YOU, NOR THE NEWSPAPERS, AS I KEPT YOU BOTH INFORMED OF THIS ACTIVITY. INFAC, TWO OF MY BUREAU-CRATIC DETRACTORS, THE DIRECTOR OF ARIZONA OSHA AND THE FINANCE DIRECTOR OF PIMA COUNTY, FELT OBLIGED TO LEAVE THEIR POSITIONS OF TRUST.

ENGINEERS OF ALL DISCIPLINES AND THE SKILLED TECHNICAL CRAFTSMEN ARE FORCED TO CLOSE THEIR EYES TO UNSAFE CONDITIONS. DUE TO SELF INTEREST EXPEDIENCY, THEY ALLOW THE LEGAL, ACCOUNTING AND BUSINESS ADMINISTRATION MAJORS TO DICTATE POLICY.

THE PROTECTION OF LIFE, LIMB AND PROPERTY DEMANDS PROMPT ACTION BY THE OFFICE OF THE ATTORNEY GENERAL. HOPEFULLY, THE PROPOSED LEGISLATIVE BILL FOR COMMON LAW POWERS WILL GIVE YOU THE AUTHORITY.

RESPECTFULLY,

cc: HONORABLE DOUG TODD  
STATE BOARD OF TECHNICAL REGISTRATION  
ARIZONA DAILY STAR

*Nathan Feigenblatt Jr.*

NATHAN FEIGENBLATT JR. P.E.

*Industrial Safety Engineer*

9236 EAST CALLE CASCADE

TUCSON, ARIZONA 85715

(602) 296-1626

MAY 20, 1980

MR. F. MARK EDSON  
 EXECUTIVE DIRECTOR  
 BOARD OF TECHNICAL REGISTRATION  
 1645 W. JEFFERSON  
 PHOENIX, ARIZONA 85007

DEAR SIR:

REFERENCE IS MADE TO THE LETTER FROM YOUR OFFICE DATED 8-31-79 TO THE AUDITOR GENERAL - STATE OF ARIZONA - REMISS IN THE DUTY TO PROTECT THE SAFETY, HEALTH & WELFARE OF THE PUBLIC.

NOTABLY MISSING FROM THE REPORT WAS THE MEMORANDUM THAT WAS PRESENTED TO THE ARIZONA SENATE AGRICULTURE, COMMERCE & LABOR COMMITTEE (FEB. 1975) FOR THE REGISTRATION OF SAFETY ENGINEERS.

IT HAS BEEN PROVEN TIME AND AGAIN AND IS NOW PART OF A REPORT TO THE OFFICE OF THE SOLICITOR, U. S. JUSTICE DEPARTMENT AND THE ATTORNEY GENERAL, STATE OF ARIZONA; THAT WHEN MEN SHOW NO COMPASSION FOR THE SAFETY OF THE WORKERS, IT MUST FOLLOW THAT THESE SAME MEN WILL NOT HESITATE TO DELIBERATELY OVERLOOK THE ACCEPTED ENGINEERING PRACTICES AND SUBMIT SUBSTANDARD WORK.

A CASE IN POINT IS THE UNCONSCIONABLE STATEMENT MADE BY TOP SUPERVISION OF A NUCLEAR POWER PROJECT TO HIGH SCHOOL STUDENTS, "WE MUST BE EXPECTED TO TAKE A COUPLE OF LIVES FOR THE GOOD OF PROGRESS".

IF, AS YOU HAVE AGAIN STATED TO THE ARIZONA STATE LEGISLATURE, YOU ARE TRULY INTERESTED IN ESTABLISHING AN AGGRESSIVE PEER REVIEW PROGRAM FOR SAFETY, THEN FEEL FREE TO ASK FOR MY ASSISTANCE.

CORDIALLY,

ENCL: COVER SHEET, AUDITOR GENERAL REPORT (79-9)

RECEIVED

MAY 21 1980

STATE OF ARIZONA





STATE OF ARIZONA  
OFFICE OF THE  
AUDITOR GENERAL

A PERFORMANCE AUDIT  
of  
**THE ARIZONA STATE  
BOARD OF TECHNICAL REGISTRATION**

SEPTEMBER 1979

**THE STATE BOARD OF TECHNICAL REGISTRATION  
HAS BEEN REMISS IN ITS DUTY TO PROTECT THE  
SAFETY, HEALTH AND WELFARE OF THE PUBLIC.**

(THIS IS A COPY OF A MEMORANDUM PRESENTED TO THE ARIZONA SENATE AGRICULTURE,  
COMMERCE AND LABOR COMMITTEE - FEBRUARY 1975)

AN ACT TO AMEND THE CODE OF THE STATE BOARD OF TECHNICAL REGISTRATION  
TO INCLUDE FOR PROFESSIONAL LICENSING THE FIELD OF SAFETY ENGINEERING.

- 8) WHEREAS, THE STATE BOARD OF TECHNICAL REGISTRATION AT A MEETING HELD  
ON JUNE 27, 1974 AT FLAGSTAFF, ARIZONA REITERATED ITS POSITION THAT  
THERE IS NO PROVISION FOR REGISTRATION AS A SAFETY ENGINEER, AND
- 19) WHEREAS, THE SECRETARY OF THE ARIZONA STATE BOARD OF REGISTRATION  
APPEARED BEFORE THIS AGRICULTURE, COMMERCE & LABOR COMMITTEE (5-1-75)  
STATING THERE WAS NO NEED FOR ANY NEW LAW AS THEY WOULD NOW ADMIN-  
ISTRATIVELY RECOGNIZE SAFETY ENGINEERS AS A DISCIPLINE; ONLY TO  
RETRACT THIS RULING A FEW MONTHS LATER, AND

A REPORT TO THE  
ARIZONA STATE LEGISLATURE

*Note:  
The attached  
extracts was  
taken from  
the memo of  
support of the  
Bill. & attached  
to this cover  
sheet.*

RECEIVED  
MAY 13 1980

May 13, 1980

Mr. Nathan Feigenblatt, Jr.  
9236 East Calle Cascada  
Tucson, Arizona 85715

Dear Mr. Feigenblatt:

I am enclosing a copy of Senate Bill 1020, which was the final vehicle for the Technical Registration Board's continuation; it became law on April 28, 1980 as amendments to the Technical Registration Act.

The Board has had the power to determine what branches of engineering shall be recognized, and the amendments adopted by Senate Bill 1020 did not change this power.

We intend to implement our newly authorized peer review program by late summer or early fall when new persons can be hired and trained.

I will refer your letter to the Board at its next meeting, June 6, 1980.

Very truly yours,

F. Mark Edson  
Executive Director

Enclosure

*Nathan Feigenblatt, Jr.*

NATHAN FEIGENBLATT JR. P.E.

*Industrial Safety Engineer*

9236 EAST CALLE CASCADE

TUCSON, ARIZONA 85715

(602) 296-1626

RECEIVED  
MAY 13 1980

STAT. 2092  
MAY 9, 1980

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION  
1645 WEST JEFFERSON  
PHOENIX, ARIZONA 85007

GENTLEMEN:

ON MARCH 14th, I WAS REQUESTED TO AGAIN APPEAR BEFORE AN ARIZONA LEGISLATIVE HOUSE COMMITTEE TO GIVE EXPERT SAFETY TESTIMONY ON THE NEED FOR THE TECHNICAL REGISTRATION OF SAFETY ENGINEERS. (H B 2092 - SUNSET LAW)

THIS NEW BILL (SEC 25 - LINE 32) INCLUDED A STATEMENT THAT IT SHALL CONSIDER IN PARTICULAR WHETHER THE BOARD HAS -- ESTABLISHED AN AGGRESSIVE PEER REVIEW PROGRAM WORKING INCONJUNCTION WITH THE VARIOUS BUILDING SAFETY DEPARTMENTS THROUGHOUT THIS STATE.

IT WAS MY ASSUMPTION AT THE TIME, THAT SAFETY ENGINEERING WOULD FINALLY BE ADDED AS A DISCIPLINE TO THE OTHER BRANCHES OF THE PROFESSIONAL ENGINEERING.

IS MY ASSUMPTION CORRECT OR IS THIS ONLY A PLOY AND A REPLAY OF THE PREVIOUS LEGISLATIVE ATTEMPTS ?

I BELIEVE YOU SHOULD BE MADE AWARE OF THE FACT THAT THE FORMER ARIZONA DIRECTOR OF OSHA, THE MAN WHO'S WORD YOUR BOARD ACCEPTED AND SO KILLED THE PREVIOUS SAFETY ENGINEERING REGISTRATION BILL, LEFT "QUICKLY & QUIETLY" HIS JOB AND THIS STATE.

THIS MAN WHO WAS SO ADAMANTLY OPPOSED TO THE REGISTRATION OF SAFETY ENGINEERS, FOR GOOD REASONS, THOUGHT NOTHING OF GIVING HIMSELF A DOCTORATE AND THE TITLE OF PRESIDENT OF THE AMERICAN SOCIETY OF SAFETY ENGINEERS.

USING THESE NEW TITLES, HE VOICED HIS UNQUALIFIED "EXPERT" OPINION ON, OF ALL THINGS, THE SAFE NUCLEAR ENERGY PLANTS.

RIGHT NOW, I AM WRITING A PAPER ON SAFETY FOR A NATIONAL PUBLICATION AND WOULD APPRECIATE ANY IMPUT ON THIS SUBJECT FROM YOUR OFFICE.

CORDIALLY,

*Nathan Feigenblatt, Jr.*

Law Offices of  
MALCOLM P. STROHSON

303 McCRAVE BUILDING  
3216 NORTH THIRD STREET  
PHOENIX, ARIZONA 85012

TELEPHONE  
(602)264-3434

May 21, 1980

Mr. F. Mark Edson  
Board of Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, Arizona 85007

Re: 79-159 Land Surveyor

Dear Mr. Edson:

I represent Mr. Miles K. Mikolas. As you know, my client has applied for registration as a land surveyor and has completed all requirements on his part. It is my understanding that he only awaits receipt by the Board of his examination grade for registration.

It has come to my attention that the legislature in the last session has amended parts of the law under which registration is accomplished. In particular, with regard to land surveyor the experience requirements have been increased from four to six years. My client is understandably concerned and has requested that I inquire of you his status.

It is my understanding that the new law will not take effect until July 31, 1980, and that historically licenses or registrations have always been issued prior to that time; therefore, he should not be concerned. The question in my mind is, what would happen if for some reason the new law would take effect prior to his registration. To answer this question I have researched the question. The case of Peterson v. Livestock Commission, 181 P.2d 152 (1947) specifically holds that a license will be issued under the old law when the applicant has

Mr. F. Mark Edson  
 May 21, 1980  
 Page 2

accomplished all that he is required. Additionally,  
 51 Am. Jur.2d 52 §46 Licenses substantiates this conclusion.

Because of the importance of this matter and to  
 help my client decide his course of action, I most re-  
 spectfully request an official response no later than  
 May 30, 1980. Please call if you have any questions.

Sincerely,

*Malcolm P. Strohson*  
 Malcolm P. Strohson

MPS:kns

cc: Mr. Miles K. Mikolas

Very truly yours,

F. Mark Edson  
 Executive Director

High M. Edson  
4872 Power Rd. SW  
Tomball, Arizona 85713

May 30, 1980

May 27, 1980

Malcolm P. Strohson, Attorney  
3216 N. 3rd Street, #303  
Phoenix, Arizona 85012

RE: MYLES KEITH MIKOLAS,  
79-159 LAND SURVEYOR

Dear Mr. Strohson:

I acknowledge receipt of your letter of May 21, 1980 and wish to comment as follows:

The amendments to Title 32, Chapter I, took effect on filing and became law on April 28, 1980. I am enclosing a copy of our newly published booklet incorporating the changes.

Your position concerning Mr. Mikolas is moot. The Board did not act to approve or disapprove the Engineering Committee's recommendation concerning experience requirements; they voted to continue processing the file and to admit Mr. Mikolas to the April examinations. (See attached copy of excerpts from the December 6 Board meeting's minutes.)

The Board is currently initiating a complete rewrite of the rules and regulations to reflect the recent changes in the law, and I'm certain they will address transition of pending applications where experience requirements have changed. I believe it is reasonable to assume that if Mr. Mikolas does indeed pass the examinations, then his position would be favorable with respect to completing his processing in accord with the law at the time the Board took its previous action and the experience requirements then prevailing were completed satisfactorily. On the other hand, should Mr. Mikolas fail the examinations, I don't believe I can even guess how the yet-to-be-formulated transition rule would affect his processing.

I will bring your letter to the attention of the Board at its regular June 6 meeting.

Very truly yours,

F. Mark Edson  
Executive Director

Enclosures

04518

Hugh H. Connolly  
4852 Paseo del Bac  
Tucson, Arizona 85718

May 30, 1980

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

RECEIVED  
JUN 2 - 1980

Attn: Rod J. Gomez, Chairman

Dear Rod:

79-198

This is in reference to Chris Brozek, an employee with our firm who applied for and was admitted to examination as a professional engineer. Chris is an architect and urban planner who has, to the best of my knowledge, no formal education in engineering. Furthermore, in the seven years that I have known him, he also has no experience in the area of professional engineering.

It is my belief that the work experience listed on Chris' application for examination is the engineering work turned out by our company over the past seven or more years, with which he has had no direct association. He has headed up our planning division over that period, whereas I have been in the position of Chief Engineer. Chris has made no contribution whatever to any of the engineering work we have done in that period.

If what I suspect is true, there is a good deal of dishonesty associated with his application. I also seriously question the ethics of those who served as his references and certified that he should be registered as a professional engineer.

This is a matter of serious concern to me and to a number of others to whom I have spoken about the matter. I would appreciate an in-depth investigation by the Board as to the authenticity of the information supplied by Chris Brozek on his application.

Very truly yours,

*Hugh H. Connolly*

Hugh H. Connolly, P.E.

MINUTES OF MEETING  
ARIZONA STATE BOARD OF TECHNICAL REGISTRATION  
JULY 18, 1980

A special meeting of the State Board of Technical Registration was held in the offices of the board in Phoenix, Arizona on Friday, July 18, 1980. The meeting was called to order by Chairman Rod J. Gomez at 9:00 A.M.

PRESENT: Rod J. Gomez, Chairman  
Wayne O. Earley, Secretary  
William S. Gookin, Member  
Jimmie R. Nunn, Member  
John B. Riggs, Member

F. Mark Edson, Executive Director  
Virginia Noffsinger, Admin. Secretary

PUBLIC: William A. Sawyer, Executive Director,  
Arizona Society of Professional Engineers

Members present constituted a quorum.

1. READING OF MINUTES

MOTION: It was moved by Mr. Gookin that the board dispense with the reading of the minutes of the regular meeting of June 6, 1980 and approved the minutes as presented. The motion was seconded by Mr. Riggs. Motion carried.

2. REPORT OF THE RULES AND BY-LAWS COMMITTEE

No report.

3. REPORT OF THE LEGISLATIVE COMMITTEE

No report.

4. REPORT OF THE EVALUATION AND EXAMINATION COMMITTEES

ENGINEERING EXAMINATION COMMITTEE

The results of the examinations given April 1980 were reviewed and discussed. Report is shown on Minute Pages 4522 - 4531.

MOTION: Mr. Gookin moved that the results as shown on this report be approved and certified. Mr. Nunn seconded the motion. Motion passed.

5. REGISTRATION GRANTED (See Minute Pages 4532 - 4534.)

MOTION: It was moved by Mr. Gookin that registration be granted to Arnold Morgan Johnson in Land Surveying and Geological Engineering. Mr. Earley seconded the motion.

After discussion of the motion, Mr. Gookin amended his motion to grant registration to Mr. Johnson in Land Survey-



ing only and to make recommendation regarding Mr. Johnson's application in Geological Engineering to the board in September. Mr. Earley seconded the amended motion. Motion, as amended, passed.

6. REGISTRATION DENIED (See Minute Page 4535.)

**POLICY:** The board reaffirmed its interpretation of Rule R4-30-01.J that an approved withdrawal is deemed by the board to be a denial without prejudice and that the applicant would not be subject to the one-year waiting period to reapply for registration.

7. ADOPTION OF EMERGENCY RULES

Recommendations were received by the board from a joint committee of the Arizona Society of Professional Engineers and the Arizona Consulting Engineers' Association and from the Arizona Professional Land Surveyors' Standard Committee. Inasmuch as recommendations had not been received from the societies of the other professions registered by the board and inasmuch as the board had not had sufficient time to study the recommendations received, the members were reluctant to pass on any emergency rules.

**MOTION:** It was moved by Mr. Gookin that adoption of emergency rules be deferred until the September board meeting. The motion was seconded by Mr. Earley.

After discussion of the expediency of this matter, Mr. Gookin amended his motion to set a special meeting of the board for August 1, 1980 to adopt emergency rules, subject to certification by the Attorney General. Mr. Earley seconded the amended motion. Motion, as amended, passed.

8. EXECUTIVE SESSION

The board went into executive session at 11:04 A.M. for the purpose of discussion of personnel matters.

At the end of the executive session, Mr. Earley excused himself and left the meeting.

The board returned from executive session to the regular meeting at 11:30 A.M.

**MOTION:** Mr. Gookin moved that the Executive Director be authorized to employ such professional help as may be essential to permit and facilitate the expedition and preparation of amended rules and by-laws to bring them into conformity with the Arizona Revised Statutes pertaining to the board, as amended April 28, 1980. Motion was seconded by Mr. Riggs. Motion passed.

MOTION: Mr. Gookin moved that the expenditures for employing personnel for this purpose be limited, not to exceed the amount of \$3,000. Mr. Riggs seconded the motion. Motion passed.

9. REPORT OF THE EXECUTIVE DIRECTOR

Mr. Edson discussed the following matters with the board:

A. New certificates

The board reviewed and approved new format for certificates for both professional and in-training registration.

B. Firm and corporate practice report form.

C. Audit of financial records for Fiscal Year 1979-80 by the Auditor General's office being done at the present time.

10. READING OF COMMUNICATIONS

NCEE - Letter from President-Elect Eugene N. Bechamps shown as Minute Page 4536.

MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that former board member, Dr. Rudolf A. Jimenez, be appointed by the board as consultant for evaluation of NCEE's engineering examinations to represent the board and continue his activity on the Uniform Examination and Qualifications for Professional Engineers Committee (UEQ). Motion passed.

11. MEETING DATES

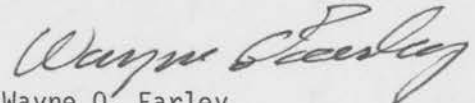
August 1, 1980 Special board meeting to adopt emergency rules

August 5, 1980 Enforcement Committee meeting

12. ADJOURNMENT

The meeting was adjourned at 12:05 P.M.

Respectfully submitted,



Wayne O. Earley  
Secretary of the Board

## EXAM RESULTS

APRIL 1980

	PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
<u>CHEMICAL ENGINEERING</u>					
76-260 Rosenstock, Hubert	Ex	Ex	F	P	4
<u>CIVIL ENGINEERING</u>					
* 78-433 Ahmed, Moizuddin	Ex	Ex	P	P	4
* 80-061 Barrass, Gary C.	Ex	Ex	P	P	3,4
* 78-372 Berkovitz, Barry Charles	P	P	P	P	3
70-58 Bertella, Guido Joseph	P	F	P	P	
79-198 Brozek, Christoph	P	P	P	F	1,2,3
76-208 Buxton, Lawrence A.	P	P	P	F	
80-048 Cano, Joe O.	Ex	Ex	F	F	
79-542 Clevenger, French Lovell	Ex	Ex	F	P	
* 76-508 Chen, James Shu Chih	Ex	Ex	P	P	3
77-370 Crawford, David Scott	Ex	Ex	F	F	
70-311 Dalrymple, Guerry M.	F	F	F	P	
78-697 Danelowitz, Mark Xavier	F	F	F	F	
77-318 Easter, Jack A.	F	F	F	F	
79-210 Eberline, Rex L.	Ex	Ex	F	P	
77-118 Fleet, Fred Everett	P	F	P	P	1
75-354 Funderburk, Harvey Alexander	F	P	P	P	
79-4 Gasper, Jerome Gerald	Ex	Ex	F	P	
80-84 Gentry, Ronald Craig	P	F	P	F	1,3
* 79-817 Harrel, Randy L.	Ex	Ex	P	P	3,4
* 79-438 Henley, Leslie Russell	Ex	Ex	P	P	3,4
79-483 Hutson, Ronald Charles	F	F	F	F	
79-819 Inman, Gregg Addison	F	-	F	F	
78-557 Inti, Ramakrishna	Ex	Ex	F	P	
79-285 Lefler, Lyle Gene	Ex	Ex	F	F	
* 79-422 Lively, Norman Robert	Ex	Ex	P	P	4
* 79-797 Lodge, Thomas Christopher III	Ex	Ex	P	P	3,4
* 79-755 Logue, David C.	P	P	P	P	1,2,3,4
78-234 Lovstrom, Roger P.	F	F	P	P	
* 79-756 Lyons, William James	Ex	Ex	P	P	3,4
* 79-394 McLaughlin, Timothy Amos	Ex	Ex	P	P	3

<u>CIVIL ENGINEERING--contd.</u>		<u>PART I</u>	<u>PART II</u>	<u>PART III</u>	<u>PART IV</u>	<u>PARTS PASSED APRIL 1980</u>
79-582	Martin, David Allen	Ex	Ex	F	P	4
80-021	Martinez, Ronald Felix	Ex	Ex	F	P	4
75-231	Masowdi, Amir M.	P	F	P	P	
* 79-516	Midkiff, Ronald Dean	Ex	Ex	P	P	3,4
76-103	Milicevic, Novica	F	P	F	P	4
80-001	Newman, Benjamin Ernest	Ex	Ex	P	F	3
75-421	Nixon, Charles Gilbert	P	F	P	P	
79-724	Novak, Zdenek	Ex	Ex	F	F	
78-698	Orr, Thomas Randol	Ex	Ex	F	F	
80-030	Pekala, Michael Paul	P	F	F	P	1,4
79-453	Quay, J.H.	Ex	Ex	F	F	
79-292	Read, Arthur Eric	Ex	Ex	F	P	
79-773	Robertson, James B.	P	F	P	P	1,3,4
79-567	Rothberg, Melvin B.	F	F	F	F	
79-726	Russell, James E., Jr.	Ex	Ex	F	F	
76-566	Savicky, John Lee	Ex	Ex	P	F	
* 79-519	Schmitt, Thomas George	Ex	Ex	P	P	4
79-319	Shafe, Michael Anthony	P	P	F	F	1,2
79-423	Silva, Santiago J.	Ex	Ex	F	F	
* 78-308	Spain, James Clark	Ex	Ex	P	P	3
79-328	Stansel, John William	F	F	F	F	
79-576	Starkenburg, Wesley John	Ex	Ex	P	DNA	
* 79-373	Sylvain, Michael Robert	Ex	Ex	P	P	3,4
* 79-600	Timmerman, Gary Joe	Ex	Ex	P	P	3,4
80-102	Tzeng, Charles C.	Ex	Ex	F	P	4
79-518	Vallelonga, Robert Eugene	Ex	Ex	P	F	
* 80-012	Van Loo, E. Thompson	Ex	Ex	P	P	3,4
* 79-789	Walsh, Timothy Joseph	Ex	Ex	P	P	3,4
80-89	Ware, William Fuchs	Ex	Ex	P	F	3
79-656	Welt, William Edgar Vear	F	F	F	F	
76-320	Wilkie, Paul Albert	F	P	F	P	
* 80-062	Wood, Darrel E.	Ex	Ex	P	P	3,4
78-345	Wright, William Anthony	F	F	F	F	
76-407	Yeager, Larry Richard	Ex	Ex	P	F	
78-560	Zicafoose, Robert D.	F	F	F	P	

ELECTRICAL ENGINEERING

	PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
75-403 Ahmed, Najmuddin	Ex	Ex	P		
80-072 Atwell, Paul N.	Ex	Ex	P	F	3
79-400 Bagby, Barnabas Paul	Ex	Ex	F	P	4
78-664 Bloomfield, A. Kent	F	F	F	F	
75-483 Brown, David Canby	P	F	P	F	
78-393 Brown, Lewis E.	Ex	Ex	F	P	
* 78-625 Brown, Maurice Churchill	P	P	P	P	4
75-185 Campbell, William	P	F	P	P	
78-320 Cooper, Marvin Glynn	F	F	F	F	
79-727 Echols, Jack Dennis	F	F	F	F	
79-227 Emerson, Asher Daniel	Ex	Ex	F	F	
77-214 Emmons, Glen T.	P	P	P	P	1,2 (Record)
80-063 Gold, Leonard Steven	P	P	F	P	1,2,4
74-669 Haines, Robert Thomas	F	P	P	P	
76-578 Hawkins, Dan J.	Ex	Ex	P	F	
* 79-138 Keefer, Lyndon Merritt	P	P	P	P	1,2,3,4
79-820 LaRose, Thomas William	Ex	Ex	P	F	3
79-381 Lawrence, William (Jr.)	Ex	Ex	P	F	
72-487 Loar, James Alpha	P	P	P	F	
70-240 Martinez, Joseph B.	Ex	Ex	DNA	DNA	
* 80-070 Mason, Robert Warren	Ex	Ex	P	P	3,4
79-382 Murphy, David Edward	Ex	Ex	F	F	
79-564 Ozuna, Frank Serna (Jr.)	F	F	F	F	
76-536 Reiter, William Anthony	Ex	Ex	F	P	
* 79-511 Reynolds, Robert David	Ex	Ex	P	P	3,4
79-181 Seigel, Jeffrey William	P	F	P	P	1
* 79-809 Taylor, Ronald Lloyd	Ex	Ex	P	P	3,4
* 79-794 Tomek, Gene Edwin	Ex	Ex	P	P	3,4

GEOLOGICAL ENGINEERING

70-226 Youell, James Robert	P	F	P	P	
-----------------------------	---	---	---	---	--

HIGHWAY ENGINEERING

	PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
74-166 Blazzard, Max Sharon	F	F	F	P	
74-271 Bloom, Norman Kenneth	P	F	F	P	
* 76-291 Boren, Ervin Lester	P	P	P	P	1,3
73-44 Key, Orin William	P	F	P	P	
74-173 Lay, George John	P	F	P	P	
70-413 Patty, John Harlan	F	P	P	P	
73-290 Snyder, Jack Duane (Sr.)	F	P	P	P	
72-542 Strouse, David Frank	F	F	P	P	
79-206 Tripp, Glen Dewayne	F	F	F	F	

INDUSTRIAL ENGINEERING

78-18 Kenna, LeRoy Austin	Ex	Ex	P	F	3
---------------------------	----	----	---	---	---

MECHANICAL ENGINEERING

79-23 Barnes, Philip H.	Ex	Ex	F	P	4
* 80-051 Barney, Charles John	Ex	Ex	P	P	3,4
79-543 Blasko, Walter	Ex	Ex			
79-777 Burgess, Donald Ray	P	F	F	P	1,4
79-291 Burroughs, Wilbur Gordon	Ex	Ex	F	F	
* 78-406 Elliott, William Howard	Ex	Ex	P	P	3
* 79-178 Felts, Donald Ralph	Ex	Ex	P	P	4
79-644 Gauntlett, William David	Ex	Ex	F	P	4
* 79-645 Greenwood, William Hartley	Ex	Ex	P	P	3,4
78-130 Hannifin, Edmund Normand	P	F	P	P	1
72-599 Hoffarth, Richard C.	Ex	Ex	F	P	
78-722 Hunsaker, Jan L.	Ex	Ex	F	P	
78-245 Ishii, William Rin	Ex	Ex	F	P	4
79-716 Kent, Gary Edward	P	P	F	P	1,2,4
* 79-591 Langerman, Patrick	Ex	Ex	P	P	4
* 79-807 Martin, Raymond A.	Ex	Ex	P	P	3,4
77-401 Meraz, Julio Cesar			P	P	
70-432 Miller, Marion Edward	F	F	P	P	
80-125 Nelson, William I.	Ex	Ex	DNA	DNA	

MECHANICAL ENGINEERING--contd.

	PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
79-228 Olsen, Julius C.	Ex	Ex	F	P	4
* 79-779 Perkins, Gary Russell	Ex	Ex	P	P	3,4
79-96 Rao, Kumbla S.	P	P	F	F	1,2
79-646 Richards, Malcolm Edward	P	F	F	P	1,4
79-828 Schembri, Philip A.	Ex	Ex	F	P	
79-512 Sim, James M. (Jr.)	Ex	Ex	F	F	
* 79-496 Sterling, Carl D.	Ex	Ex	P	P	3
78-124 Sullivan, James Emmett	F	F	DNA	DNA	
* 78-81 Sullivan, Paul Eugene	Ex	Ex	P	P	3
* 79-545 Whitaker, Richard Dallas	Ex	Ex	P	P	3
* 80-151 Wilke, Thomas Albert	Ex	Ex	P	P	3,4
* 77-382 Wilson, Gregory Calvin	Ex	Ex	P	P	3,4

METALLURGICAL ENGINEERING

79-133 Dugger, Robert Earl	P	F	P	P	3
----------------------------	---	---	---	---	---

MINING ENGINEERING

* 79-731 Avary, Edwin R.	Ex	Ex	P	P	3,4
* 79-570 Buchella, Frank H. (Jr.)	Ex	Ex	P	P	4
79-798 Hardy, Kim Leon	Ex	Ex	F	F	
79-129 Khunkhun, Kuldip Singh	F	F	F	F	
79-489 Ostberg, Jerry H.	Ex	Ex	P	F	

NUCLEAR ENGINEERING

79-641 Trenholme, William Maclaren	Ex	Ex	F	F	
------------------------------------	----	----	---	---	--

SANITARY ENGINEERING

79-339 Crisafulli, Lawrence Michael	F	F	F	F	
80-80 Garza, Marvin C.	F	F	F	F	
* 79-626 Huber, Ronald Dennis	Ex	Ex	P	P	3,4
* 79-172 Reavis, Richard Eugene	Ex	Ex	P	P	3,4
77-573 Willis, Brayton Perry (Jr.)	F	F	P	F	
* 79-721 Moore, Don Allen	Ex	Ex	P	P	3,4

STRUCTURAL ENGINEERING

	PART III	PART IV	PART V	PART VI	PARTS PASSED APRIL 1980
79-751 Baldwin, John Frank	Ex	Ex	F	F	
78-319 Barre, Ib	P	P	P	F	5
* 79-788 Fowlkes, Ricky T.	Ex	Ex	P	P	5,6
* 79-392 Gallagher, Roger William	Ex	Ex	P	P	5,6
79-513 Herz, Robert Thomas	Ex	Ex	F	F	
* 79-466 Hill, Kenneth Allan	Ex	Ex	P	P	6
* 80-054 Hunnes, Robert Burton	Ex	Ex	P	P	5,6
* 79-587 Husted, Harold Benjamin	Ex	Ex	P	P	5,6
79-650 Neaves, Robert Yates (Sr.)	Ex	Ex	F	F	
78-662 Paffendorf, James A.	Ex	Ex	DNA	DNA	
80-98 Rivera, Michaela Draga	P	P	F	F	
78-8 Stevens, Alexander M.	Ex	Ex	P	F	5
79-323 Tomasso, Robert Joseph	Ex	Ex	P	F	
* 79-9 Whalin, Clarence H.	Ex	Ex	P	P	6

GEOLOGY

	PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
* 79-621 Hennessy, J. Allen	Ex	Ex	P	P	3,4
* 79-314 Liggett, Mark Austin	Ex	Ex	P	P	3,4
* 79-421 Small, Gary G.	Ex	Ex	P	Ex	3

LAND SURVEYING

79-668 Acosta, Alex	F	F	F	F	
* 77-290 Alcocer, Richard	P	P	P	P	4
79-195 Arndt, Frederick W.	P	P	P	F	2,3
* 79-288 Attaway, Micheal	P	P	P	P	4
* 79-365 Baker, Douglas Lee	P	P	P	P	2
* 77-349 Barbee, William Francis	P	P	P	P	4
* 77-467 Braden, Larry David	P	P	P	P	4
* 79-562 Buecher, Robert Harry	P	P	P	P	4
79-320 Burcham, Marcie Wayne	F	P	F	F	2
79-500 Burden, Scott Thomas	P	P	P	F	1,3
* 76-304 Burns, Robert Dwight	P	P	P	P	4
79-21 Collon, Patrick John	P	P	F	F	1



LAND SURVEYING--contd.		PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
78-504	DePrisco, Louis P.	Ex	Ex	Ex	F	
* 72-653	Engle, Thomas Edwin	P	P	P	P	4
77-608	Evans, Roy Lee	F	P	F	F	
80-050	Falksen, Suzanne C.M.	F	P	F	F	2
79-664	Fincher, George Murlin	F	F	P	F	3
71-148	Garcia, Ernest G.	F	P	F	P	
* 74-181	Gardiner, Theodore Ernest (Sr.)	P	P	P	P	4
80-078	Garrett, Raymon Lewis	Ex	Ex	F	F	
77-598	Gingles, William James (Sr.)	P	P	P	F	
80-140	Groff, Jon Arvin	F	F	F	F	
79-119	Hall, David Bruce	P	F	P	F	1,3
* 76-268	Hall, James Joseph	P	P	P	P	4
79-35	Hollenbach, Thomas Bernard	F	P	P	F	
76-47	Horacek, Jerry Lee	P	P	P	F	
* 79-221	Johnson, William Edward	P	P	P	P	3
* 78-390	Jones, Arvel Ray	P	P	P	P	4
* 79-705	Kalal, Thomas Leslie	P	P	P	P	1,2,3,4
* 79-154	Kreamer, Jeffrey Glenn	P	P	P	P	2,3,4
* 79-321	Lloyd, Michael Merrill	P	P	P	P	2
* 79-159	Mikolas, Myles Keith	P	P	P	P	1,2,3,4
79-454	Miller, Robert Douglas	P	P	P	F	1,3
* 80-79	Moore, James H.	Ex	Ex	P	P	3,4
* 79-126	Murphy, William Joseph	P	P	P	P	1,2,3
79-294	O'Neal, Del	P	F	P	P	4
79-663	Panchalk, John	F	P	F	F	2
74-297	Payton, Donald Wayne	F	F	F	F	
71-281	Pidskalny, Robert Andrew	P	P	P	F	
* 79-200	Prince, Bob N.	P	P	P	P	2
77-57	Robberson, Allen Gregory	P	P	P	F	
78-174	Shelest, Timothy Charles	P	P	F	P	2,4
80-99	Slaughter, Robert Mayfield	P	P	P	F	1,2,3
72-628	Smith, Romain Harold	P	P	F	F	
78-534	Speer, Kenneth Francis	P	F	P	F	
77-644	Speth, Alan W.	P	P	P	F	

LAND SURVEYING--contd.

	PART I	PART II	PART III	PART IV	PARTS PASSED APRIL 1980
79-124 Stairhime, Walter Lee	F	F	P	F	3
* 79-455 Stephens, Alan Wayne	P	P	P	P	2
78-460 Stewart, Tommie Gene	P	P	P	F	
69-77 Torres, Alfonso	P	F	P	F	
* 79-561 Van Kuren, Edward E.	Ex	Ex	P	P	3,4
* 79-523 Vasquez, Frank M.	P	P	P	P	4
79-89 Vaughn, Jay Newton	F	P	F	F	
77-119 Whitmer, Larry Kay	P	P	P	F	
* 79-535 York, William Franklin	P	P	P	P	1,2,3,4

EXAM RESULTS  
APRIL 1980

4530

ENGINEER-IN-TRAINING

* 80-050	Abolt, Robert	P	* 80-098	Fifield, Eugene Louis	P
80-059	Aday, Donald G.	P	80-057	Fongemie, Roger A.	F
80-021	Altman, Billy S.	F	* 80-18	Friesen, Karl W.	P
78-149	Anderson, Peter Eric	F	80-047	Gellar, Jeffy M.	P
80-118	Badilla, Francisco M.	F	80-082	Geyer, John R.	F
76-8	Ballesteros, Louis C.	F	80-062	Gildersleeve, David James	P
* 79-154	Bayless, Robert S.	P	* 80-141	Gleeson, David John	P
80-114	Beemer, Jeffrey Brian	P	* 80-036	Goldrosen, Phillip M.	P
79-4	Beltran, Raymond E.	F	80-139	Goodenberger, Robert J.	P
80-117	Berry, Richard W.	P	* 80-073	Griffin, Ronald F.	P
80-119	Beshir, Hassen	F	* 80-030	Grosser, Kenneth Richard	P
80-079	Blackford, Robert M. (Jr)	P	79-13	Gutierrez, Adrian C.	F
80-133	Bouska, Steven John	P	79-257	Hale, Robert Wayne	F
80-002	Bozarth, Dwight Fontaine	P	80-014	Hampsten, Alva B.	F
80-120	Brady, Gary G.	P	79-68	Harrington, Michael J.	F
80-145	Breckenridge, Jerry A.	F	80-038	Harvey, Bruce John	P
80-091	Broderick, Daniel P (Jr)	F	* 80-019	Hecht, Michael Charles	P
79-146	Brown, Jeffrey Russell	F	80-085	Hierling, Raymond Edward	P
80-009	Bruder, Thomas D.	F	79-16	Hilliard, Donald Francis	F
80-137	Burgett, Michael R.	F	80-107	Hodges, Steven Bryan	P
80-010	Cain, Byron	P	* 80-006	House, Norman Kelly	P
* 80-040	Calmelat, Michael Jake	P	* 80-025	Howeth, Michael L.	P
77-24	Cambier, James S.	F	* 80-058	Hulet, Steven John	P
80-066	Campbell, Christopher B.	P	79-142	Iannarino, Robert J.	F
79-138	Casey, Dennis Charles	F	80-088	Jaspers, Byron Wesley	F
80-022	Consoni, Robert E.	F	80-074	Kaplan, Paul	P
80-093	Cote, Richard C.	F	* 79-209	Keenan, Brooks Andrew	P
80-142	Cureton, Dale Quentin	P	* 79-21	King, Linda Arlene	P
77-14	Daily, Michael Dennis	F	80-060	King, Stephen Richard	P
80-144	Dalton, Daniel G.	P	80-072	Kinder, Eric	P
* 80-053	Daly, John Kevin	P	80-102	Kleine, Peter	P
78-98	Daniel, Larry	F	79-80	Knudsen, Dennis C.	F
80-004	Dick, Kenneth S.	P	* 80-061	Kostelny, Robert S.	P
80-007	Digiovanni, Frank C.	P	* 80-112	Krock, Peter Gunter	P
79-115	Doell, Richard W.	F	78-161	Kroisting, Ronald Roy	F
79-8	Doll, Jerry Kenneth	F	* 80-049	Langan, Michael P.	P
80-013	Dooley, William T.	P	* 80-077	Larsen, Jerry O.	P
80-140	Dreasen, Kathryn M.	F	* 80-092	Larson, Paul Roy	P
80-026	Dubois, Wilbur Chapman III	P	78-162	Lester, Billy Royce	F
80-016	Duran, Manuel L.	F	* 80-034	Lowe, Pamela K.	P
80-052	Eckhardt, Patricia K.	P	80-011	Luckett, Phillip N.	F
* 80-109	El-Fermaoui, Ali Ismail	P	75-205	Luebkin, Dennis	F
80-096	Ellsworth, David Malcolm	P	78-36	Lyall, Albert Neil (III)	F
* 80-033	Esch, Christopher R.	P	80-003	McCabe, Douglas Jay	F
79-11	Feyen, Kenneth Jack	F	80-050	McCabe, John VanDyke	P

ENGINEER-IN-TRAINING--contd.

* 80-044	McCullough, James E.	P	* 80-106	Vann, Jeffry D.	P
80-037	McKune, Carter Lynee	F	80-131	Vasquez, Albert	P
80-001	McReynolds, George M (Jr)	F	80-029	Verfurth, Steven M.	F
* 80-051	MacMullin, George	P	80-087	Walker, Cathy Eileen	F
80-080	Marler, Warren Kent	F	80-031	Walsh, Charles N.	P
* 80-083	Marquez, Michael R.	P	* 80-143	Walter, Roger William	P
80-132	Mitchell, Terry P.	P	80-101	Ward, Jeffrey Randle	P
80-020	Mixer, Ronald W.	P	80-027	Werner, Scott Dale	F
80-012	Montes, Mario A.	P	80-097	Williams, Donald Paul	P
80-146	Montoya, Debra L. Cody	P	79-103	Windisch, Donald A.	P
79-151	Mortensen, Steven L.	F	80-95	Winrow, Robert Paul (Jr)	F
80-100	Munoz, Daniel E.	F	80-065	Wylie, Douglas Jonathan	P
80-136	Neenan, Robert P.	P			
80-108	Nicodemus, Daniel Allen	P			
* 80-035	Otterbein, Roy Terhune	P			
80-041	Perry, Donald R.	P			
80-046	Perry, Howard R.	P			
80-048	Peters, Lisa Kim	P			
80-039	Picarello, Ralph Anthony	P			
80-110	Price, Kent Allan	P			
80-094	Prichard, Clyde Warwick	P			
80-105	Reinke, Pam E.	P			
80-078	Ronald, Hugh D.	P			
80-028	Ryan, Richard A.	P			
79-255	Sargent, Omah	F			
80-147	Scharrer, Carl John (III)	P			
80-042	Seaman, Mark	P			
80-015	Sheber, Thomas James	P			
* 80-099	Sheehan, Peter Edmund	P			
80-111	Shovestull, Shane Douglas	P			
80-089	Silverman, Howard Steven	P			
80-068	Simons, Bryce P.	P			
80-071	Sims, Greg Scott	P			
80-024	Sims, Michael Ray	F			
* 80-067	Singh, Hardip	P			
80-081	Spadola, Donald J.	P			
80-008	Stevens, David Scott	P			
80-055	Stoneback, Vern William	P			
79-34	Stringer, Dennis Arthur	F			
80-116	Tantalean, David Guillermo	P			
80-113	Tarleton, Robert E. (Jr.)	F			
80-005	Tarr, Michael Allen	F			
* 79-99	Tineo, Antonio Figueroa	P			
80-017	Toronto, Richard Charles	F			
* 78-168	Vana, Bruce D.	P			

GEOLOGIST-IN-TRAINING

* 80-02	Cross, Mark Manthei	P
78-1	Murphy, Barbara Harrington	F
80-03	Rector, Edward L.	F
* 80-001	Whitler, Ronald Roy	P

## REGISTRATION GRANTED

1. It was moved by Mr. Gookin and seconded by Mr. Earley 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

Podolsky, William I. 13116

GEOLOGY

Hennessy, J. Allen 13117  
Liggett, Mark Austin 13118  
Small, Gary G. 13119

CIVIL ENGINEERING

Ahmed, Moizuddin 13120  
Barrass, Gary C. 13121  
Berkovitz, Barry Charles 13122  
Chen, James Shu Chih 13123  
Harrel, Randy L. 13124

Henley, Leslie Russell 13125  
Lively, Norman Robert 13126  
Lodge, Thomas Christopher III 13127  
Logue, David C. 13128  
Lyons, William James 13129

McLaughlin, Timothy Amos 13130  
Midkiff, Ronald Dean 13131  
Schmitt, Thomas George 13132  
Spain, James Clark 13133  
Sylvain, Michael Robert 13134

Timmerman, Gary Joe 13135  
Van Loo, E. Thompson 13136  
Walsh, Timothy Joseph 13137  
Wood, Darrel E. 13138

ELECTRICAL ENGINEERING

Brown, Maurice Churchill 13139  
Keefer, Lyndon Merritt 13140  
Mason, Robert Warren 13141  
Reynolds, Robert David 13142  
Taylor, Ronald Lloyd 13143  
Tomek, Gene Edwin 13144

HIGHWAY ENGINEERING

Boren, Ervin Lester 13145

MECHANICAL ENGINEERING

Barney, Charles John 13146  
Elliott, William Howard 13147  
Felts, Donald Ralph 13148  
Greenwood, William Hartley 13149  
Martin, Raymond A. 13150  
Perkins, Gary Russell 13151  
Sterling, Carl D. 13152  
Sullivan, Paul Eugene 13153  
Whitaker, Richard Dallas 13154  
Wilke, Thomas Albert 13155  
Wilson, Gregory Calvin 13156  
Langerman, Patrick 13191

MINING ENGINEERING

Avary, Edwin R. 13157  
Buchella, Frank H. (Jr.) 13158

SANITARY ENGINEERING

Huber, Ronald Dennis 13159  
Moore, Don Allen 13160  
Reavis, Richard Eugene 13161

STRUCTURAL ENGINEERING

Fowlkes, Ricky T. 13162  
Gallagher, Roger William 13163  
Hill, Kenneth Allan 13164  
Hunnes, Robert Burton 13165  
Husted, Harold Benjamin 13166  
Whalin, Clarence H. 13167

LAND SURVEYING

Alcocer, Richard 13168  
Attaway, Micheal Patrick 13169  
Baker, Douglas Lee 13170

continued...

LAND SURVEYING--contd.

Barbee, William Francis	13171
Braden, Larry David	13172
Buecher, Robert Harry	13173
Burns, Robert Dwight	13174
Engle, Thomas Edwin	13175

Gardiner, Theodore Ernest, Sr	13176
Hall, James Joseph	13177
Johnson, William Edward	13178
Jones, Arvel Ray	13179
Kalal, Thomas Leslie	13180

Kreamer, Jeffrey Glenn	13181
Lloyd, Michael Merrill	13182
Mikolas, Myles Keith	13183
Moore, James H.	13184
Murphy, William Joseph	13185

Prince, Bob N.	13186
Stephens, Alan Wayne	13187
Van Kuren, Edward E.	13188
Vasquez, Frank M.	13189
York, William Franklin	13190
Johnson, A. Morgan	13193

GEOPHYSICAL ENGINEERING

O'Bannon, Charles E.	13192
----------------------	-------



## REGISTRATION DENIED

1. It was moved by Mr. Earley and seconded by Mr. Gookin that the following applicants be denied registration for failure to complete the requirements of the board within a reasonable length of time. Motion passed.

Fox, Andrew John	78-269	Mechanical Engineer
Furman, Hal M.	78-257	Structural Engineer
Liebow, Will	79-86	Electrical Engineer
Nisbet, James Duncan	78-420	Land Surveyor
Sheridan, John Francis	78-593	Civil Engineer
Smith, Roger William	79-364	Land Surveyor
Tretheway, Donald G.	79-236	Mechanical Engineer
Wemlinger, Fredric	79-333	Structural Engineer
Woronovich, Michael	79-329	Civil Engineer

2. It was moved by Mr. Riggs and seconded by Mr. Gookin that the following applicant be denied registration with neither prejudice nor refund at his own request. Motion carried.

Inocencio, Ramiro S.	79-245	Land Surveyor
----------------------	--------	---------------





NATIONAL COUNCIL OF ENGINEERING EXAMINERS  
P.O. Box 5000 • Seneca, South Carolina 29678 • Telephone (803) 882-5230

June 10, 1980

RECEIVED  
JUN 13 1980

STATE BOARD OF TECHNICAL REGISTRATION

F. Mark Edson, AIA, Executive Director  
Arizona State Board of Technical Registration  
1645 W. Jefferson Street, Suite 315  
Phoenix, Arizona 85007

Dear Mark:

You are well aware of the dedication and effort of your former Board Member, Rudolf Jimenez, in serving NCEE on the Uniform Examinations & Qualifications for Professional Engineers Committee (UEQ), one of the most important and hardworking committees in the Council.

I am writing at this time to request that your Board consider naming Rudolf Jimenez as an Associate Member of the Arizona Board. In this way he can continue his activity with the UEQ for the year 1980-81, and in the ongoing process of examinations. By designating him an Associate Member and therefore eligible to serve on the UEQ, he would be funded by NCEE for all of the UEQ activities.

I would sincerely appreciate your consideration in this matter and request that you inform me as soon as possible of any action your Board wishes to take.

Sincerely,

*Eugene N. Bechamps*

Eugene N. Bechamps, P.E.  
President-Elect

ENB:dqs

cc: Morton S. Fine, P.E., L.S.

17

60<sup>th</sup> Anniversary 1920-1980

SERVING THE FIFTY STATE AND FIVE OTHER LEGAL JURISDICTIONS OF ENGINEERING AND LAND SURVEYING REGISTRATION  
MORTON S. FINE, P. E., L. S., EXECUTIVE DIRECTOR

MINUTES OF MEETING  
ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

04537

SEPTEMBER 5, 1980

The regular quarter-annual meeting of the State Board of Technical Registration was held at Northern Arizona University, Room 206, College of Engineering, Flagstaff, Arizona, on Friday, September 5, 1980. The meeting was called to order by Chairman Rod J. Gomez at 10:02 a.m. following a reception hosted by the Dean of the College of Engineering with Faculty and students.

PRESENT: Rod J. Gomez, Chairman  
Wayne O. Earley, Secretary  
William S. Gookin, Member  
Jimmie R. Nunn, Member  
John B. Riggs, Member  
Charles E. O'Bannon, Member  
(Pending reappointment)

ABSENT: Evelyn Epstein,  
Assistant Attorney  
General

F. Mark Edson, Executive Director  
Patricia Wood, Administrative Secretary

Those present constituted a quorum.

The Chairman recognized Mr. Don Zimba, President of the Northern Arizona Section of ASPE, and Mr. Harley Heith, President of the Northern Arizona Section, ASCE, who jointly presented a statement of confidence in the Board's activities, and offered assistance to the Board in furthering the work of the Board in Northern Arizona.

The Chairman expressed the appreciation of the Board for this support and suggested that they might immediately work to get a Flagstaff professional to fill one of the vacancies on the Board.

1. READING OF MINUTES

- A. MOTION: It was moved by Mr. Gookin and seconded by Mr. Earley that the minutes of the Special Board Meeting, held July 18, 1980, be approved as presented. Motion carried.
- B. It was moved by Mr. Riggs and seconded by Mr. Gookin that the Special Meeting of August 1, 1980, be approved as presented and mailed.

2. REPORT OF THE RULES AND BY-LAWS COMMITTEE:

Due to vacancies on the Board, the Committee has not met. The Executive Director reported progress on certification of the emergency rules adopted by the Board subject to certification at their August 1, meeting. The Assistant Attorney General has pointed out many inconsistencies in the Statute which affect the rules developed by the Board, particularly in the definitions (ARS 32-101) of In-Training examinations and experience requirements. It appears that all mention of these criteria in the definition should be deleted so they can be adequately defined by the rules. Consideration of the effect of the Assistant Attorney General's comments has delayed further processing

of these rule changes, and will require further review by the Board after new drafts are completed.

3. REPORT OF THE LEGISLATIVE COMMITTEE: (Gookin, Earley, 1 vacancy)

The Committee has no report of recommendations at this time, but the following items have come to the Board for further consideration:

A. Letter from Arizona Land Surveyor's Association regarding legislative recommendations.

B. 12 member Board

C. Landscape Architecture exemptions (32-144)

D. Miscellaneous items:

32-108 - Change annual report date to fiscal year.

32-101 - Clean up language in In-Training definitions to refer to all qualification and exam requirements to the rules and regulations of the Board.

E. Other items:

Review exemptions for mining companies and utilities.

ACTION: The above items were referred to the Legislative Committee for study and recommendation to the Board at the December 5 meeting.

4. REPORT OF THE EVALUATION COMMITTEES:

A. ARCHITECTURAL EVALUATION COMMITTEE

The Architectural Evaluation Committee Report was presented by Mr. Nunn. Report is shown on Minute Pages 4568 & 4569.

MOTION: It was moved by Mr. Nunn and seconded by Mr. Gookin that Parts 1, 2, 3, and 4 of the Architectural Committee Report be accepted, certified and implemented by the Board. Motion carried.

B. LANDSCAPE ARCHITECTURAL EVALUATION COMMITTEE:

Mr. Earley presented the report of the Landscape Architectural Evaluation Committee shown on Minute Page 4577.

MOTION: It was moved by Mr. Earley and seconded by Mr. Gookin that Part 1 of the report be accepted, and implemented.

Mr. William Tonnesen appeared before the Board to appeal the Board's decision (Minute page 4457) to hold him only for the LAIT exams, and stated his view that he was qualified to take the professional exam in Landscape Architecture, as well. He presented further evidence of qualification which he explained was not in his application because it might be construed as illegal professional activity and also submitted teaching experience.

Mr. Earley summed up the Committee's position in stating that the total required experience record of 8 years might be re-evaluated

to add to the 5 years of credit allowed by the Board, but that Mr. Tonnesen must fulfill the requirement of at least one year under the supervision of a Registered Landscape Architect, to complete the required 8 years of satisfactory education and experience.

MOTION: It was moved by Mr. Earley and seconded by Mr. Nunn that the adoption of Part 2 of the report be upheld. Motion carried.

PRESENTATION OF AWARD: Ms. Kathy Emery, Vice President Arizona Chapter of American Society of Landscape Architects, was introduced as a guest of Mr. Earley. Ms. Emery then spoke on behalf of the Arizona Chapter of the ASLA wherein Mr. Earley was presented an award for outstanding service to the profession of Landscape Architecture and for his efforts in providing for the protection of the health, safety, and welfare of the public through recent legislative efforts.

C. ENGINEERING EVALUATION COMMITTEE REPORT:

Dr. O'Bannon presented the report of the Engineering Evaluation Committee shown on Minute Pages 4580/84.

Part 1 - Recommendation for Professional Registration

The Executive Director pointed out that the name of William S. Gookin, Sr. appearing under Land Surveying section of Part 1, was included under Part 12 of the report for consideration at that time, and the name should be deleted from consideration under Part 1.

MOTION: It was moved by Mr. Gomez, seconded by Mr. Earley that the name be deleted. Motion carried.

MOTION: It was moved by Mr. Gomez and seconded by Mr. Earley that Part 1 of the report be accepted and implemented by the Board. Motion carried.

Part 2 - Recommendations for In-Training Certification

MOTION: It was moved by Mr. Gomez and seconded by Dr. O'Bannon that Part 2 of the report be accepted and implemented by the Board. Motion carried.

Part 3 - Recommendations for Further Examination

The Executive Director pointed out that correspondence included under Item 11 - Reading of Correspondence may affect the Board's decision in holding out-of-state Land Surveyors for the legal principals of surveying examination (Part 4 - Land Surveying examination). 11 applicants, shown by "\*" under the Land Surveying section of Part 3, are in this status.

MOTION: It was moved by Mr. Earley and seconded by Dr. O'Bannon that the Board reaffirm its policy that out-of-state practitioners must have an understanding of Arizona law relating to Land Surveying before being licensed to practise in Arizona, and should take the Part 4 examination as recommended by the Committee. Motion carried.

The Board considered the appeal of Mr. Donald Ross, 80-396 for waiver of Parts 1 & 2 of the Geology exams based on his education and experience record. Considering also the recommendations of the Board's Advisory Panel in Geology concerning examination waivers.

MOTION: It was moved by Mr. Nunn, seconded by Mr. Rigg, that Parts 1 & 2 of the Geology examinations be waived as requested by Mr. Ross. Motion carried.

MOTION: It was moved by Dr. O'Bannon, seconded by Mr. Nunn, that Part 3 of the Engineering Report as amended, be accepted and implemented.

Dr. O'Bannon made a motion that a Board policy be set requiring 10 years experience, graduation from an accredited school, and 35 years of age before waiving of In-Training examinations. Motion failed for lack of second.

Chairman Gomez instructed the Executive Director to summarize the policies of the Board in the next newsletter in order that the requirements of the Board agree with the definitions.

Parts 4, 5, & 6 - Recommendations for Denial

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that Parts 4, 5, and 6 be accepted, and implemented by the Board. Motion carried.

Part 7 - Blackmon, Julius Lemay, 78-598

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Nunn that Mr. Blackmon's application be denied for failure to complete the requirements of the Board. Motion carried.

Part 8 - O'Neal, Del, 79-294

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Nunn that Mr. O'Neal's Part 2 grade of 68% be corrected to a passing grade of 72%, and that he be granted registration in Land Surveying. Motion carried.

Part 9 - Fernandez, Fernando Duran, 80-34

MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that Mr. Fernandez be granted registration in Civil Engineering based upon registration in the Phillipines and his certificate of good standing from that Board, and that his name be added to the granted list. Motion carried.

Part 10 - Requests for Examination Waivers

A. Baldwin, Elvin Ronald, 80-214

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Nunn that Mr. Baldwin be held for Part 3 & 4 of the Civil Engineering examination. Motion carried.

B. Stirnitzke, Robert Eugene, 80-316

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Nunn that Mr. Stirnitzke be held for Parts 3 & 4 of the Civil Engineering examination. Motion carried.

Part 11 - Request for Reconsideration of Failing ScoreBuxton, Lawrence A., 76-208

MOTION: It was moved by Mr. Riggs and seconded by Mr. Nunn that Mr. Buxton be held for Part 4 of the Civil Engineering examination. Motion carried.

Part 12 - Request for Board ReviewGookin, William S., Sr. (Land Surveyor) 80-328

Mr. Gookin appeared before the Board to explain the purpose of his request in asking that he be granted registration as a Land Surveyor. Mr. Gookin explained to the Board that by being granted this registration he would not be entitled to do anything that he is not already authorized to do. Mr. Gookin stated his reason was that he is already qualified in surveying and would like to be certified in this capacity, because he is asked to appear in court to testify as an expert witness in lawsuits and his certification would lend credence to this work.

MOTION: It was moved by Mr. Nunn with a unanimous second from the entire Board that Mr. Gookin be granted registration as a Land Surveyor and that his name be added to the granted list. Motion carried.

Meeting recessed for lunch: 12:40 p.m.

The afternoon session of the quarter-annual meeting of the State Board of Technical Registration was called to order by Chairman Rod J. Gomez at 2:32 p.m.

5. REGISTRATIONS DENIED: (Shown on Page 4594 )

MOTION: It was moved by Mr. Gookin and seconded by Mr. Riggs that the applicants shown on Page 4594 as amended, be denied registration for the reasons cited.

6. REGISTRATIONS GRANTED: (Shown on Pages 4595/97 )

A. The Executive Director pointed out that a new complaint has been filed against Mr. Brian A. Spencer, 80-060, Architect, and that he has been recommended for Registration on the Granted List being considered.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Riggs that Mr. Spencer's name be removed from the granted list until a resolution of the complaint against him. Motion carried.

B. MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Riggs that the applicants shown on Pages 4595 through 4597 as amended, be granted registration.

7. REPORT OF THE PUBLIC INFORMATION COMMITTEE

The Board discussed the newsletter, an information sheet, public information for Board review prior to release and inquired about the peer review program.

Mr. Earley requested actions of Board meetings should be reported to the news media immediately after Board meetings.

Dr. O'Bannon requested the newspapers be contacted a few days prior to our quarterly Board meetings with information as to major items up for discussion.

Mr. Gomez suggested the development of a one-page, 8½ x 11 inch sheet of paper be used on which information would be given as to how often the public information letters go out with a list of the names and addresses of the parties to whom it goes.

Mr. Gomez suggested that any information that is released first be submitted to the Board for review.

Mr. Edson indicated the peer review program could be initiated within six weeks or so.

8. REPORT OF THE BUDGET COMMITTEE

The Executive Director received the Budget request for fiscal year 81/82, shown on pages 4601/05.

Mr. Gookin and Mr. Earley expressed concern that the request did not address a need they felt that the Executive Director should be backed up by a Deputy, knowledgeable in all aspects of the office to function in the absence of the Director.

The Executive Director explained that this concern was being partially addressed through:

1. the new Administrative Assistant position just filled in the enforcement area, and in the budget request for back-up in this area.
2. in the recent replacement of the Administrative Secretary and a training program implemented through that position of all staff positions
3. a new budget request for a supervisory position in the application and examination program, thus providing more time for quality control of all office functions through the Administrative Secretarial position (office business manager), and that development of a full fledged Deputy Director position should gain more credence as the reorganization and staffing of the vital operating programs of the Board are allowed to develop over the next two or three years.

The Executive Director also pointed out that this budget request did not address current deficiencies in the 1980/81 program of one time expense items in implementing the statutory changes, which items would be addressed in a special request for additional funds to the legislature in January, nor did it include funds for automation of our file maintenance

functions, which were dependent on a survey being done by Data Center, which was not delivered at this time. These monies, depending on the survey recommendations, would be the subject of an amendment to our request when all data concerning it has been received from Data Center Consultants.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Nunn to accept the 1981/82 budget request as presented. Motion carried.

9. REPORT OF THE ENFORCEMENT COMMITTEE

1. C79-038 - BTR vs. Milford K. Peterson, Arizona Civil Engineer, #11427 and Land Surveyor, #4529. Refer to the Minutes of July 8, 1980. Item 3F, shown on Page 4610.

MOTION: It was moved by Mr. Earley and seconded by Mr. Nunn that the findings of the Committee be accepted and that:

- a. the file be closed and the parties notified of the findings, and
- b. that Mrs. White be advised to seek independent legal advise concerning her rights with respect to the contested property line.

2. C79-032 - BTR vs. Environmental Repair Service. Refer to Minutes of August 5, 1980. Item 3B, shown on Page 4607/08.

The Board considered the Committees findings and recommendations.

MOTION: It was moved by Mr. Earley, seconded by Mr. Nunn that the Committee findings be accepted and:

- a. that the Attorney General, under ARS 106.1, be requested to file a petition for injunction with the Superior Court forthwith, enjoining Rod Cox, DBA Environmental Repair Service from the practice of Landscape Architecture
- b. that a Departmental Report be referred to the Maricopa County Attorney for prosecution of a misdemeanor charge under ARS 32-145 against Rod Cox DBA Environmental Repair Service, and
- c. that a stern letter be forwarded to Mr. Hunse, asking him to confirm disassociation with Environmental Repair Service, and warning him of the consequences of aiding and abetting non-registrants to evade the provisions of ARS Title 32, Chapter 1.

Motion carried.

3. C79-35 - BTR vs. Charles H. Woodworth (Arizona Structural Engineer #4724. Refer to Minutes of August 5, 1980, Item 3C, shown on page 4612.

The Board considered the findings and recommendations of the Committee.

MOTION: It was moved by Dr. O'Bannon, seconded by Mr. Earley, that the Committee's findings be accepted and

- a. that the Executive Director prepare a "Consent Agreement" for acceptance by Mr. Charles H. Woodworth, specifying the Committee's findings and agreeing to revocation of his Structural Engineering License #4724, and concurrently with this action, arrange a date



with the Attorney General to conduct a formal hearing to consider testimony and other evidence concerning Mr. Woodworth's capacity to practise Structural Engineering, and his complicity in aiding and abetting a non-registrant to evade the provisions of ARS Title 32, Chapter 1, and that following said hearing the Board consider suspension or revocation of Mr. Woodworth's license to practice, and

- b. that the Attorney General, under ARS 106.1, be requested to send a "Cease and Desist Order" to Mr. Donald Hurst DBA Hurst Drafting Service, to terminate the practice of Architecture, and
  - c. that a Departmental Report be referred to the Maricopa County Attorney for prosecution of a misdemeanor charge under ARS 32-145 against Mr. Donald Hurst DBA Hurst Drafting Service.
4. Other Enforcement Committee business the Board discussed:
- a. Newspaper article concerning non-registrant practice of Architecture on public work by employees of Arizona State University's Physical Facilities Department.

MOTION: Dr. O'Bannon moved, seconded by Mr. Earley, that a Letter be sent by the Executive Director of the Board to Mr. Penick with copies to President Schwada and Mr. Bay, commenting on the news article - A.S.U. Physical Facilities Department and calling their attention to the Arizona Revised Statutes. Motion carried, with Mr. Nunn abstaining for reasons of a personal nature.

- b. Regarding news reports of pier settlement at the North End of A.S.U. Stadium.

MOTION: Mr. Gookin moved, seconded by Mr. Earley, that Mr. Edson be directed to send a letter to Arizona State University that this matter was brought under discussion at the quarterly Board Meeting of the State Board of Technical Registration, and this is a vital matter pursuant to the State Board, and the Board would like to be informed as to what actions have been taken and the findings of the investigation that are made. Motion carried.

#### 10. REPORT OF THE EXECUTIVE DIRECTOR

Executive Director's report is shown on Page 4615/16 .

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Nunn to accept the Report of the Executive Director. Motion carried.

#### 11. READING OF COMMUNICATIONS

Mr. Gomez called attention of the Board to all correspondence and requested any Board member who may have questions regarding any of the correspondence please refer them back to the Board.

#### 12. UNFINISHED BUSINESS:

None reported at this time, of items not covered by Committee reports.

13. NEW BUSINESS

- A. Mr. Gomez gave a brief summary of his attendance at the NCEE Annual Meeting on August 10 - 13, 1980 and he announced a letter was received from NCEE wherein the Board was notified of an award presented Dr. Rudolf Jimenez, former member of Board, was present to receive an award of honor for good work he has done on the NCEE Examination Committee for the State of Arizona.

Mr. Gomez encouraged the Board to have at least one of its members as a representative on a National Committee.

B. Election of Officers

The Chairman announced the time for election of officers to serve in fiscal year 1980/81 and called for nominations:

1. Dr. O'Bannon nominated Wayne O. Earley to serve as Chairman of the Board, seconded by Mr. Riggs.

Mr. Gookin moved to close the nominations, seconded by Mr. Nunn.

Mr. Gookin moved that the Board cast a unanimous ballot for Mr. Earley, seconded by Dr. O'Bannon. Motion carried.

2. Mr. Gookin nominated Dr. O'Bannon to serve as Vice-Chairman, seconded by Mr. Nunn.

Mr. Earley moved that nominations be closed and that a unanimous ballot be cast for Dr. O'Bannon, seconded by Mr. Gookin. Motion carried.

3. Mr. Earley nominated Mr. Nunn to serve as Secretary of the Board, seconded by Dr. O'Bannon.

Mr. Gookin moved that nominations be closed and that a unanimous ballot be cast for Mr. Nunn, seconded Mr. Earley, Motion carried.

14. FUTURE DATES

- A. A date was set for a meeting of the Enforcement Committee on September 26, 1980, at 9:00 a.m. at the offices of the State Board of Technical Registration, in the Occupational Licensing Building, Room 315. All Board members would be expected to attend.
- B. Dr. O'Bannon invited the Board to the campus of Arizona State University for its next quarterly meeting. The Board was delighted to accept, and a date was set for Friday, December 5, at the College of Engineering, Arizona State University, Phoenix, Arizona, with a reception immediately preceding the meeting at 9:00 a.m.
- C. Mr. Nunn indicated there is a WESCARB Board meeting scheduled for the middle of November in San Francisco at which he would be called upon to give a report, and requested authorization to attend.

MOTION: It was moved by Mr. Riggs and seconded by Mr. Gookin that Mr. Nunn be authorized travel for attending this meeting. Motion carried.

A. Exam Sites

The Board received Dean Mehrhoff's report that approximately 30/40 students originate from Northern Arizona University for the Engineer-In-Training exams and that other engineering candidates from Northern Arizona had expressed interest in having an exam site in Flagstaff. The Executive Director reported that a third exam site for Engineer-In-Training exams is in order because of the difficulty in renting large spaces for the increasing Engineer-in-Training classes in the Phoenix area.

The Board authorized the Executive Director to add Northern Arizona State University as an exam site for the April 1981 Engineer-in-Training exam series.

- B. Dr. O'Bannon asked the Executive Director his opinion as to how many members should be present at the Evaluation Committee Meetings. Mr. Edson replied two members of the Board should be present; however, the Committee has been operating all summer with just one member present. Mr. Edson expressed his concern that in having only three engineers on the Board, two out of three engineers for every meeting means a 50% increase in time for each member.
- C. Mr. Gomez thanked all Board members for their cooperation in working with him as Chairman during the past year. Mr. Gomez expressed his enjoyment in serving the Board in this capacity.
- D. The Board voted their appreciation to Dean Mehrhoff for his gracious hospitality in hosting the meeting.
- E. Dr. O'Bannon spoke not only for himself but expressed the appreciation of the entire Board for the outstanding achievement of Mr. Gomez in serving as its Chairman and the fortunate situation of the Board in having a person of such outstanding integrity serving in this capacity.

MEETING ADJOURNED - 4:15 p.m.

MINUTES OF MEETING  
ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

04547

August 1, 1980

A special meeting of the State Board of Technical Registration was held in the offices of the Board in Phoenix, Arizona, on Friday, August 1, 1980. The meeting was called to order by Chairman Rod J. Gomez at 9:15 A.M.

MEMBERS PRESENT

Rod J. Gomez, Chairman  
Wayne O. Earley, Secretary  
William S. Gookin, Member  
Jimmie R. Nunn, Member  
John B. Riggs, Member

F. Mark Edson, Executive Director

Those members present constituted a quorum.

1. Those rules for ORDER OF BUSINESS were suspended for consideration of emergency rules concerning "Standards of Education, Experience, and Examination" mandated by the Legislature in Chapter 250 of Second Regular Session Laws, 1980.

2. CERTIFICATION OF RULES ADOPTED, AND FINDING OF EMERGENCY

It was moved by Mr. Gookin, seconded by Mr. Earley, that the finding of emergency be approved, and that the Executive Director be authorized to sign for the Board. Motion carried. Certification and Finding is shown on Pages 4550 and 4567 .

3. ORDER OF RULE ADOPTION

PART 1 - Repeal present Section R4-30-03 - EXPERIENCE.

Motion: It was moved by Mr. Nunn, seconded by Mr. Gookin, that Rule R4-30-03, be repealed. Motion carried.

PART 2 - Adopt new Section R4-30-03 - EXPERIENCE.

Draft was reviewed and the following changes were accepted by the Board.

- A. A-1 - Definitions in ARS 32-101 were included by reference.
- B. A-2, 3, 4, 6 & 7 - The word "materials" was added.
- C. A-8 - Experience credit definition was revised.
- D. B-1 - Sub-professional experience was limited to a total of two years credit, applicable toward in-training certification.

Motion: It was moved by Mr. Gookin, seconded by Mr. Nunn, that Section R4-30-03 be adopted as revised, subject to certification of the Attorney General. Motion carried.

PART 3 - AMEND Section R4-30-04, Re-hearing of review of Decision, to change the Rule number to R4-30-11.

It was moved by Mr. Nunn, seconded by Mr. Riggs, that Section R4-30-04 be renumbered to R4-30-11 - Motion Carried.

PART 4 - Adopt new Section R4-30-04 - Standards of Education, Experience and Examination to qualify an applicant for certification as an Architect-in-Training, and for registration as a Professional Architect.

The draft was reviewed and minor revisions were accepted.

Motion: It was moved by Mr. Nunn, seconded by Mr. Riggs, that R4-30-04 be adopted subject to certification by the Attorney General - Motion Carried.

PART 5 - Adopt new Section R4-30-06 - Standards of Education, Experience, and Examination to qualify an applicant for certification as an Engineer-in-Training and for registration as a Professional Engineer.

The draft of the rule was reviewed and minor revisions were accepted.

A. B-2e - Experience requirement for waiver of fundamental examinations was set at 10 years of pre-professional level, at least half being in responsible charge.

Motion: It was moved by Mr. Gookin, seconded by Mr. Riggs, that Section R4-30-06 be adopted as revised subject to certification of the Attorney General, Motion Carried.

PART 6 - Adopt new Section R4-30-07 - Standards of Education, Experience and Examination to qualify an applicant for certification as a Geologist-in-Training and for registration as a Professional Geologist.

The draft of the rule was reviewed and recommendations of the Board's Geology Panel were considered.

Motion: It was moved by Mr. Riggs, seconded by Mr. Earley, that Section R4-30-07 be adopted, subject to certification by the Attorney General. Motion Carried.

PART 7 - Adopt new Section R4-30-08 - Standards of Education, Experience, and Examination to qualify a applicant for certification as a Landscape-Architect-in-Training and for registration as a Professional Landscape Architect.

The draft of the rule was reviewed.

Motion: It was moved by Mr. Earley, seconded by Mr. Nunn, that Section R4-30-08 be adopted, subject to certification by the Attorney General. Motion Carried.

PART 8 - Adopt new Section R4-30-09 - Standards of Education, Experience, and Examination to qualify an applicant for certification as a Land Surveyor-in-Training, and for registration as a Professional Land Surveyor.

The draft of the rule was reviewed and recommendations of the Board's Land Surveyor panel were considered.

PART 9 - Adopt new Section R4-30-10 - Education, Experience, and Examination standards applicable to all disciplines.

Draft of the rule was reviewed and minor revisions accepted.

Motion: It was moved by Mr. Earley, seconded by Mr. Nunn that Section R4-30-10 be adopted, subject to certification by the Attorney General. Motion carried.

PART 10 - Repeal Section R4-30-16 - Comprehensive Oral Examination.

Motion: It was moved by Mr. Earley, seconded by Mr. Nunn that Section R4-30-16 be repealed. Motion carried.

PART 11 - Amend Section R4-30-17 - Personal Audience.

Motion: It was moved by Mr. Earley, seconded by Mr. Nunn that Section R4-30-17 be amended as shown, subject to certification of the Attorney General. Motion carried.

The order of Rule adoption is shown on Pages 4553 to 4567

4. REPORT OF THE EXECUTIVE DIRECTOR

Renewal form proofs for implementation of the triennial renewal system were reviewed and approved.

CERTIFICATION OF RULES ADOPTED  
(Emergency Adoption)

04550

Valid for ninety days (90) after filing pursuant to A.R.S § 41-1003

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

The undersigned, being the \_\_\_\_\_ EXECUTIVE DIRECTOR \_\_\_\_\_ of  
the \_\_\_\_\_ ARIZONA STATE BOARD OF TECHNICAL REGISTRATION \_\_\_\_\_ hereby  
certified that attached hereto is a true and correct copy of the Order of Rule Adoption  
dated \_\_\_\_\_ AUGUST 1, 1980 \_\_\_\_\_ which provides as follows:

ADOPTED: R4-30-03, Definitions, General

R4-30-04, Standards of Education, Experience and Examinations to qualify an  
applicant for certification an Architects-in-Training and for  
registration as Professional Architects.

R4-30-06, Standards of Education, Experience and Examinations to qualify an  
applicant for certification as an Engineers-in-Training and for  
registration as Professional Engineers.

R4-30-07, Standards of Education, Experience and Examinations to qualify an  
applicant for certification as a Geologists-in-Training and for  
registration as Professional Geologists.

R4-30-08, Standards of Education, Experience and Examinations to qualify an  
applicant for certification as a Landscape Architects-in-Training and  
for registration as Professional Landscape Architects.

R4-30-09, Standards of Education, Experience and Examinations to qualify an  
applicant for certification as a Land Surveyors-in-Training and for  
registration as Professional Land Surveyors.

R4-30-10, Standards of Education, Experience and Examinations standards appli-  
cable to all disciplines.

AMENDED: R4-30-04, Rehearing or Review of Decision

R4-30-17, Personal Audience

04551

REPEALED: R4-40-03, Experience

R4-30-16, Comprehensive Oral Examination

The agency has determined that the adoption of this rule is immediately necessary for the preservation of the public peace, health, safety; and that notice and public procedure thereon are impracticable, unnecessary, or contrary to public interest; and that the rule change must be adopted as an emergency rule without the notice provided by A.R.S. § 41-1003.

Dated this 1st day of August, 1980.

F. Mark Edson, Executive Director

(Signature of Officer)

(Title of Officer)

Certification, Attorney General's Office



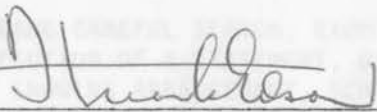
STATE BOARD OF TECHNICAL REGISTRATION

1. Finding of Emergency

The Arizona Board of Technical Registration finds that the adoption of the following rules is necessary for the immediate preservation of the public peace, health and safety and that notice and public procedure thereon are impracticable, unnecessary and contrary to the public interest because:

1. The Arizona Society of the American Institute of Architects, the Arizona Society of Professional Engineers, the Arizona Consulting Engineers Association, the Arizona Section, American Society of Landscape Architects, the Arizona Professional Land Surveyors Association, and the Arizona Section, American Institute of Professional Geologists have all participated in framing these emergency rules, and
2. Processing of applications for professional registration is dependent on adoption of rules defining satisfactory standards of education, experience, and examination in the disciplines the Board registers, to comply with recent changes in Arizona Revised Statutes 32-122, 32-123, and 32-126, which mandated new requirements for definition of standards in the Boards rules and regulations.
3. The public and professional confidence in the application process for registration could be severely harmed by suspension of this work until rules are properly noticed, submitted for public hearings, certified and adopted.
4. The public is best protected from possible restraint of trade resulting from suspension of registration activity by adoption of the following rules.

STATE BOARD OF TECHNICAL REGISTRATION

By   
 F. Mark Edson  
 Executive Director

## 11. Order of Rule Adoption

Pursuant to ARS § 32-106 and 41-1003 and on the basis of the aforesaid findings, the Arizona Board of Technical Registration hereby amends without notice and public procedure the following rules and regulations:

Part 1. Section R4-30-03. Experience is repealed.

Part 2. Add a new Section R4-30-03 to read as follows:

### R4-30-03 - EXPERIENCE

#### A. DEFINITIONS, GENERAL-

1. DEFINITIONS DEFINED UNDER ARS 32-101 ARE INCORPORATED HEREIN BY REFERENCE.
2. CONSULTATION. THE TERM "CONSULTATION" MEANS MEETINGS, DISCUSSIONS, WRITTEN OR VERBAL MESSAGES, REPORTS, ETC., INVOLVING SCIENTIFIC, AESTHETIC AND/OR TECHNICAL INFORMATION, FACTS, AND/OR ADVICE FOR PURPOSES OF PLANNING, DESIGNING, DECIDING, OR LOCATING CONSTRUCTION OR ALTERATION OF STRUCTURES, BUILDINGS, WORKS, MACHINES, PROCESSES, MATERIALS, LAND AREAS, OR PROJECTS.
3. INVESTIGATION. THE TERM "INVESTIGATION" MEANS CAREFUL SEARCH, EXAMINATION, INQUIRY OR STUDY TO REVEAL OR DETERMINE SCIENTIFIC, AESTHETIC AND/OR TECHNICAL INFORMATION AND/OR FACTS FOR THE PLANNING, DESIGN, LOCATION, CONSTRUCTION OR ALTERATION OF EXISTING OR PROPOSED STRUCTURES, BUILDINGS, WORKS, MACHINES, PROCESSES, MATERIALS, LAND AREAS OR PROJECTS.
4. EVALUATION. THE TERM "EVALUATION" MEANS CAREFUL SEARCH, EXAMINATION, OR INQUIRY TO REVEAL, DETERMINE OR ESTIMATE THE VALUE, WORTH, MERIT, EFFECT, EFFICIENCY OR PRACTICABILITY OF PLANNING, DESIGN, LOCATION, CONSTRUCTION, OR ALTERATION OF EXISTING PROPOSED STRUCTURES, BUILDINGS, WORKS, PROCESSES, MATERIALS, MACHINES, LAND AREAS OR PROJECTS.
5. SPECIFICATIONS. THE TERM "SPECIFICATIONS" MEANS THE SPECIFYING OF MATERIAL, EQUIPMENT, PERFORMANCE, PROJECTS, OR METHODS TO BE USED IN THE CONSTRUCTION OR ALTERATION OF BUILDINGS, STRUCTURES, WORKS, MACHINES, PROCESSES, LAND AREAS OR PROJECTS.
6. PLANNING. THE TERM "PLANNING" MEANS CAREFUL SEARCH, EXAMINATION, INQUIRY, STUDY, AND THE FORMULATION OR EXECUTION OF A STATEMENT, OUTLINE, DRAFT, MAP DRAWINGS, DIAGRAM OR PICTURE SHOWING ARRANGEMENT, SCHEME, SCHEDULE, PROGRAM OR PROCEDURE FOR LOCATING, BUILDING OR ALTERING EXISTING OR PROPOSED BUILDINGS, STRUCTURES, WORKS, MACHINES, PROCESSES, MATERIAL, LAND AREAS OR PROJECTS.
7. DESIGN. THE TERM "DESIGN" MEANS ANY SKETCH, PLAN, DRAWING, OUTLINE, STATEMENT, SCHEME, MODEL, OR PROCEDURE WHICH CONVEYS THE PLAN LOCATION, ARRANGEMENT, INTENT, PURPOSE, APPEARANCE AND NATURE OF CONSTRUCTION OR ALTERATION OF EXISTING OR PROPOSED BUILDING, STRUCTURES, WORKS, MACHINES, PROCESSES, MATERIALS, LAND AREAS OR PROJECTS.

8. EXPERIENCE CREDIT. EXPERIENCE ACCEPTABLE TO THE EXECUTIVE DIRECTOR, APPROVED BY THE BOARD AFTER EVALUATION OF THE APPLICATION.
9. APPROVED SCHOOLS OF SATISFACTORY STANDING. THOSE SCHOOLS WHOSE DEGREE PROGRAMS ARE ACCREDITED BY RECOGNIZED NATIONAL ACCREDITING AGENCIES.
10. REGISTRATION BASE STATE. THE STATE ORIGINALLY QUALIFYING A PERSON FOR FIRST REGISTRATION BY EXAMINATION OR OTHER QUALIFICATION.

B. DEFINITIONS OF EXPERIENCE LEVELS

1. "SUB-PROFESSIONAL WORK" SHALL BE CONSTRUED TO COVER THE TIME SPENT IN POSITIONS IN WHICH THE RESPONSIBILITY IS SLIGHT AND THE INDIVIDUAL PERFORMANCE OF A TASK, SET AND SUPERVISED BY A SUPERIOR, IS ALL THAT IS REQUIRED, SUCH AS JR. DRAFTSMAN, RODMAN/CHAINMAN, MATERIALS LAB TECHNICIAN, SHOP DRAWING CHECKER, ETC.
  - a) EACH YEAR OF EXPERIENCE IN SUB-PROFESSIONAL WORK, AS DEFINED HEREIN MAY BE CREDITED AS ONE HALF ( $\frac{1}{2}$ ) YEAR, NOT TO EXCEED TWO YEARS OF CREDIT TOWARD THE TOTAL REQUIRED EXPERIENCE REQUIRED BY THE RULES FOR IN-TRAINING CERTIFICATION ONLY.
  - b) ONLY EXPERIENCE OF THE APPLICANT WHICH IS RELATED TO THE FIELD FOR WHICH THE APPLICATION IS FILED WILL BE CONSIDERED BY THE BOARD.
  - c) WORK DONE DURING YEARS COUNTED FOR EDUCATION IS CONCURRENT WITH CREDIT GRANTED FOR EDUCATION AND WILL NOT BE COUNTED AS ADDITIONAL EXPERIENCE CREDIT, EXCEPT THAT SUMMER WORK IN FULL-TIME ENGAGEMENTS BETWEEN SCHOOL TERMS OF AT LEAST 2½ MONTHS DURATION MAY BE COUNTED AS SUB-PROFESSIONAL WORK.
2. PRE-PROFESSIONAL WORK IS WORK PERFORMED BEFORE REGISTRATION WHICH IS OF A CHARACTER WORTHY OF THE PROFESSION AND IN THE DISCIPLINE FOR WHICH THE APPLICANT IS APPLYING. PRE-PROFESSIONAL WORK SHALL INCLUDE THE TIME AFTER THE APPLICANT HAS COMPLETED THE MINIMUM EDUCATION REQUIREMENTS, DURING WHICH HE HAS BEEN PERFORMING WORK OF A HIGHER GRADE AND RESPONSIBILITY THAN THAT DEFINED AS SUB-PROFESSIONAL WORK. SUCCESSFUL COMPLETION OF GRADUATE STUDY SHALL BE CONSIDERED PRE-PROFESSIONAL WORK, BUT SUCH STUDY WILL NOT BE CREDITED AS MORE THAN ONE YEAR OF PRE-PROFESSIONAL WORK. THE EXECUTION, AS A BUILDER OF WORK DESIGNED BY REGISTRANTS, OR THE SUPERVISION OF SUCH WORK AS FOREMAN, SUPERINTENDENT, OR CRAFTSMAN SHALL BE DEEMED TO BE SUB-PROFESSIONAL WORK
3. PRE-PROFESSIONAL WORK (IN RESPONSIBLE CHARGE) MEANS
  - a) IN THE FIELD, OR MANUFACTURING OR RESEARCH FACILITY, THE APPLICANT MUST HAVE DIRECTED THE WORK. THE SUCCESSFUL ACCOMPLISHMENT OF THE WORK MUST HAVE RESTED UPON HIM. HE MUST HAVE MADE DECISIONS REGARDING METHODS OF EXECUTION AND SUITABILITY OF MATERIALS, COMPONENTS OR DESIGN.
  - b) IN THE OFFICE, THE APPLICANT MUST HAVE HAD TO UNDERTAKE INVESTIGATIONS, EVALUATIONS, CONSULTATIONS, DO PLANNING, WRITE SPECIFICATIONS, DIRECT DRAFTING, OR CALCULATE FOR DESIGNS OF IMPORTANT ASSIGNMENTS DEMANDING RESOURCEFULNESS AND ORIGINALITY.

- c) IN TEACHING VOCATIONS, THE APPLICANT MUST HAVE TAUGHT A PROFESSIONAL PROGRAM OF RECOGNIZED STANDING, AND MAY RECEIVE EXPERIENCE CREDIT TO THE EXTENT PROVIDED BY ARS 32-122, EXCEPT THAT WHEN ENGAGED IN ORIGINAL RESEARCH, PRODUCT DEVELOPMENT, OR CONSULTING AS MAJOR CONCURRENT ACTIVITY, ADDITIONAL EXPERIENCE CREDIT MAY BE CONSIDERED BY THE BOARD TO A MAXIMUM OF TWO YEARS

4. PRE-PROFESSIONAL WORK (DESIGN) MEANS ALL THAT IS STATED ABOVE AS PRE-PROFESSIONAL (IN-CHARGE) AND ADDITIONALLY CONCEPTUAL EXPERIENCE THAT HAS MET THE DEMANDS ENCOUNTERED IN DESIGN IN THE DISCIPLINE APPLIED FOR.

Part 3. Section R4-30-04 is renumbered as follows:

R4-30-04 R4-30-11 Rehearing or review of decision.

- A) (no change)
- B) (no change)
- C) (no change)
- D) (no change)
- E) (no change)
- F) (no change)
- G) (no change)
- H) (no change)
- I) (no change)

Part 4. Add new Section R4-30-04 to read as follows:

R4-30-04 - STANDARDS OF EDUCATION, EXPERIENCE AND EXAMINATION TO QUALIFY AN APPLICANT FOR CERTIFICATION AS AN ARCHITECT-IN-TRAINING AND FOR REGISTRATION AS A PROFESSIONAL ARCHITECT.

A. CERTIFICATION AS ARCHITECT-IN-TRAINING

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR CERTIFICATION AS ARCHITECT-IN-TRAINING FROM APPLICANTS WITH THE FOLLOWING QUALIFICATIONS  
NOTE: EACH CATEGORY BELOW IS DEEMED TO EQUATE TO 5 YEARS OF EDUCATIONAL CREDIT.
  - a) GRADUATES, OR STUDENTS IN THE FINAL UNDERGRADUATE SEMESTER, OF AN APPROVED SCHOOL OF ARCHITECTURE OF SATISFACTORY STANDING, WHOSE APPLICATION IS ENDORSED BY THE DEAN OF THE SCHOOL, OR PROFESSOR SERVING AS THE STUDENT'S 5TH YEAR ADVISOR.
  - b) GRADUATES OF OTHER SCHOOLS OF ARCHITECTURE NOT RECOGNIZED BY THE BOARD AS OF SATISFACTORY STANDING, WHO HAVE IN ADDITION ONE AND ONE-HALF YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH NOT MORE THAN ONE-HALF YEAR OF CREDIT MAY BE ON THE SUB-PROFESSIONAL LEVEL, ALL AS DEFINED IN SECTION R4-30-03, WHOSE APPLICATION IS

ENDORSED BY A REGISTERED ARCHITECT WHO IS HIS CURRENT OR FORMER EMPLOYER.

- c) APPLICANTS FROM OTHER EDUCATIONAL BACKGROUNDS, AND APPLICANTS WITH LIMITED EDUCATIONAL BACKGROUND WHO HAVE AT LEAST TWO YEARS OF EDUCATIONAL CREDIT IN THE FIELD OF ARCHITECTURE AND AN ADDITIONAL FOUR YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH ONE YEAR OF CREDIT MAY BE ON SUB-PROFESSIONAL LEVEL, ALL AS DEFINED IN SECTION R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED ARCHITECT WHO IS HIS CURRENT OR FORMER EMPLOYER.
  - d) APPLICANTS WITH LITTLE OR NO EDUCATIONAL BACKGROUND WHO HAVE AT LEAST SIX YEARS OF PRE-PROFESSIONAL EXPERIENCE, OF WHICH TWO YEARS OF CREDIT MAY BE ON THE SUB-PROFESSIONAL EXPERIENCE LEVEL, ALL AS DEFINED BY SECTION R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED ARCHITECT WHO IS HIS CURRENT OR FORMER EMPLOYER.
2. THE EXECUTIVE DIRECTOR MAY ADMIT QUALIFIED APPLICANTS TO THE ARCHITECT-IN-TRAINING EXAMINATION, CONSISTING OF THE NATIONAL STANDARD "QUALIFYING EXAMINATION" IN FOUR PARTS, AND "PART A-SITE PLANNING AND DESIGN" OF THE NATIONAL STANDARD "PROFESSIONAL EXAMINATION".
  3. UPON SUCCESSFUL COMPLETION OF ARCHITECT-IN-TRAINING EXAMINATIONS AND UPON RECEIPT OF TRANSCRIPTS FROM APPLICABLE EDUCATIONAL INSTITUTIONS SUPPORTING EDUCATIONAL CREDIT, THE BOARD WILL CERTIFY APPLICANTS AS ARCHITECTS-IN-TRAINING (A.I.T.) AND GRANT A NUMBERED CERTIFICATE TO EACH APPLICANT.

#### B. REGISTRATION AS PROFESSIONAL ARCHITECT

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR REGISTRATION AS PROFESSIONAL ARCHITECT FROM APPLICANTS WHO HAVE THE FOLLOWING QUALIFICATIONS:
  - a) CERTIFIED ARCHITECTS-IN-TRAINING WHO HAVE 3 ADDITIONAL YEARS OF PRE-PROFESSIONAL EXPERIENCE AS DEFINED IN SECTION R4-30-03 AND FURTHER DEFINED IN CONTENT AS SUBSTANTIALLY EQUAL TO THAT EXPERIENCE DESCRIBED IN APPENDIX B OF THE NATIONAL COUNCIL OF ARCHITECTURAL REGISTRATION BOARD CIRCULAR OF INFORMATION NO. 1, 1979, HEREBY INCORPORATED INTO THIS RULE BY REFERENCE. AT LEAST ONE YEAR OF THE PRE-PROFESSIONAL EXPERIENCE REQUIREMENT SHALL BE EARNED UNDER THE DIRECT SUPERVISION OF A REGISTERED ARCHITECT IN ACTIVE PRACTICE.
  - b) GRADUATES OF AN APPROVED SCHOOL OF ARCHITECTURE OF SATISFACTORY STANDING, WHO HAVE AT LEAST THREE ADDITIONAL YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT AS DEFINED IN SECTION R4-30-03, AND FURTHER DEFINED IN CONTENT UNDER PARAGRAPH B-1a OF THIS RULE. AT LEAST ONE YEAR OF THE PRE-PROFESSIONAL EXPERIENCE REQUIREMENT SHALL BE EARNED UNDER THE DIRECT SUPERVISION OF A REGISTERED ARCHITECT IN ACTIVE PRACTICE.
  - c) QUALIFIED BY PRIOR REGISTRATION IN OTHER JURISDICTIONS UNDER THE PROVISIONS OF ARIZONA REVISED STATUTES (ARS) 32-126.
  - d) GRADUATES OF A SCHOOL OF ARCHITECTURE NOT RECOGNIZED BY THE BOARD AS OF SATISFACTORY STANDING WHO HAVE AT LEAST FOUR YEARS OF APPROVED EDUCATIONAL CREDIT, AND FOUR ADDITIONAL YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT DEFINED BY RULE R4-30-03, AND FURTHER DEFINED AS TO CONTENT BY

SECTION B-1a OF THIS RULE. AT LEAST ONE YEAR OF THE PRE-PROFESSIONAL EXPERIENCE REQUIREMENT SHALL BE EARNED UNDER THE DIRECT SUPERVISION OF A REGISTERED ARCHITECT IN ACTIVE PRACTICE.

- e) ALL OTHER PERSONS SEEKING REGISTRATION TO PRACTICE ARCHITECTURE MUST BE CERTIFIED AS AN ARCHITECT-IN-TRAINING PRIOR TO FILING AN APPLICATION FOR REGISTRATION TO PRACTICE.
2. THE BOARD, AFTER EVALUATION OF EACH APPLICATION INCLUDING SATISFACTORY REFERENCES AND COMPLETION OF THE BOARD'S CODE EXAMINATION AND REVIEW (PERSONAL AUDIENCE) WILL DETERMINE THE FURTHER REQUIREMENTS FOR REGISTRATION IN ARCHITECTURE, IN ACCORD WITH THE FOLLOWING RULES:
- a) APPLICANTS FOR ORIGINAL "BASE STATE REGISTRATION" WILL BE HELD FOR THE ARCHITECTURAL EXAMINATIONS CONSISTING OF THE NATIONAL STANDARD EXAMINATIONS (NCARB) TITLED:
    - QUALIFYING EXAMINATION (FOUR PARTS) - 9 HOURS
    - PART A - PROFESSIONAL EXAMINATION (DESIGN & SITE PLANNING) - 12 HOURS
    - PART B - PROFESSIONAL EXAMINATION (FOUR PARTS) - 16 HOURS
  - b) THE BOARD WILL GRANT CREDIT FOR REQUIRED EXAMINATION PARTS PREVIOUSLY PASSED IN ARIZONA OR OTHER JURISDICTIONS.
  - c) THE BOARD MAY WAIVE THE "QUALIFYING EXAMINATION" FOR GRADUATES OF APPROVED SCHOOLS OF ARCHITECTURE OF SATISFACTORY STANDING.
3. THE BOARD WILL GRANT REGISTRATION TO PRACTICE AND ISSUE NUMBERED CERTIFICATES TO THOSE APPLICANTS WHO PASS THE EXAMINATION STANDARDS OF THE BOARD, AND
- a) APPLICANTS WHO HOLD REGISTRATION CERTIFICATES IN OTHER STATES, WHO HAVE MET THE EXAMINATION STANDARDS OF ARIZONA IN THE STATE OF THEIR BASE REGISTRATION, AND ARE IN GOOD STANDING, WILL BE REGISTERED WITHOUT FURTHER EXAMINATION.
  - b) APPLICANTS REGISTERED BY EXAMINATION PRIOR TO DECEMBER 1965 IN STATES NOT GIVING THE NATIONAL COUNCIL OF ARCHITECTURAL REGISTRATION BOARDS-WESTERN REGION "EXAM G - STRUCTURES", WILL BE REQUIRED TO SUBMIT AN APPROVED TREATISE ON LATERAL FORCES, OR TO COMPLETE AN APPROVED SEISMIC SEMINAR PRIOR TO BEING GRANTED REGISTRATION TO PRACTICE ARCHITECTURE IN ARIZONA.

Part 5. Add new Section R4-30-06 to read as follows:

R4-30-06 STANDARDS OF EDUCATION, EXPERIENCE, AND EXAMINATION TO QUALIFY AN APPLICANT FOR CERTIFICATION AS AN ENGINEER-IN-TRAINING AND FOR REGISTRATION AS A PROFESSIONAL ENGINEER

A. CERTIFICATION AS AN ENGINEER-IN-TRAINING.

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR CERTIFICATION AS AN ENGINEER-IN-TRAINING FROM APPLICANTS WITH THE FOLLOWING QUALIFICATIONS. NOTE: EACH CATEGORY LISTED BELOW IS DEEMED TO EQUATE WITH FOUR YEARS OF EDUCATIONAL CREDIT.

- a) GRADUATES OR STUDENTS IN THE FINAL UNDERGRADUATE SEMESTER OF A RECOGNIZED ENGINEERING CURRICULUM OF AN APPROVED SCHOOL OF ENGINEERING OF SATISFACTORY STANDING WHOSE APPLICATION IS ENDORSED BY THE DEAN OF THE COLLEGE OR DEPARTMENT HEAD OF A DIVISION OF THE COLLEGE.
  - b) GRADUATES OF ENGINEERING OR SCIENCE RELATED SCHOOLS NOT RECOGNIZED BY THE BOARD AS OF SATISFACTORY STANDING IN PROFESSIONAL ENGINEERING DEGREE PROGRAMS, HAVING AT LEAST THREE YEARS OF APPROVED EDUCATIONAL CREDIT, AND  $1\frac{1}{2}$  ADDITIONAL YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH  $\frac{1}{2}$  YEAR OF CREDIT MAY BE OF SUB-PROFESSIONAL LEVEL AS DEFINED BY SECTION R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED ENGINEER WHO IS HIS CURRENT OR FORMER EMPLOYER.
  - c) NON-GRADUATES OF ENGINEERING OR SCIENCE RELATED SCHOOLS WHO HAVE AT LEAST TWO YEARS OF APPROVED ENGINEERING EDUCATIONAL CREDIT AND IN ADDITION  $3\frac{1}{2}$  YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH ONE YEAR OF CREDIT MAY BE OF SUB-PROFESSIONAL LEVEL AS DEFINED IN RULE R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED ENGINEER WHO IS HIS CURRENT OR FORMER EMPLOYER.
  - d) APPLICANTS WITH LITTLE OR NO EDUCATIONAL CREDIT WHO HAVE SIX YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH TWO YEARS OF CREDIT MAY BE OF SUB-PROFESSIONAL LEVEL, AS DEFINED IN RULE R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED ENGINEER WHO IS HIS CURRENT OR FORMER EMPLOYER.
2. THE EXECUTIVE DIRECTOR MAY ADMIT QUALIFIED APPLICANTS TO THE ENGINEER-IN-TRAINING EXAMINATIONS CONSISTING OF THE NATIONAL STANDARD "FUNDAMENTALS OF ENGINEERING" IN TWO PARTS.
  3. UPON SUCCESSFUL COMPLETION OF THE ENGINEER-IN-TRAINING EXAMINATIONS, AND UPON RECEIPT OF TRANSCRIPTS FROM EDUCATIONAL INSTITUTIONS SUPPORTING EDUCATIONAL CREDITS, THE BOARD WILL CERTIFY APPLICANTS AS ENGINEERS-IN-TRAINING (E.I.T.) AND GRANT A NUMBERED CERTIFICATE TO EACH APPLICANT.
- B. REGISTRATION AS PROFESSIONAL ENGINEER

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR REGISTRATION AS A PROFESSIONAL ENGINEER IN ANY OF THE BRANCHES THE BOARD REGISTERS, FROM APPLICANTS WHO HAVE THE FOLLOWING QUALIFICATIONS:
  - a) CERTIFIED ENGINEERS-IN-TRAINING WHO HAVE AN ADDITIONAL FOUR YEARS OF PRE-PROFESSIONAL EXPERIENCE AS DEFINED BY SECTION R4-30-03, IN THE BRANCH SPECIFIED BY THE APPLICATION. A GRADUATE DEGREE (M.S.) MAY SUBSTITUTE FOR ONE YEAR OF PRE-PROFESSIONAL EXPERIENCE.
  - b) GRADUATES (B.S.) OF A SCHOOL OF ENGINEERING OR RELATED SCIENCE APPROVED BY THE BOARD AS OF SATISFACTORY STANDING, WHOSE DEGREE IS IN THE BRANCH SPECIFIED BY THE APPLICATION, WHO HAVE IN ADDITION AT LEAST FOUR YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT AS DEFINED BY SECTION R4-30-03 IN THE BRANCH SPECIFIED BY THE APPLICATION. A GRADUATE DEGREE (M.S.) MAY SUBSTITUTE FOR ONE YEAR OF PRE-PROFESSIONAL EXPERIENCE.
  - c) QUALIFIED BY PRIOR REGISTRATION IN OTHER JURISDICTIONS UNDER THE PROVISIONS OF ARIZONA REVISED STATUTES (ARS) 32-126.

- d) GRADUATES OF A SCHOOL OF ENGINEERING OR RELATED SCIENCES NOT RECOGNIZED BY THE BOARD AS OF SATISFACTORY STANDING WHO HAVE AT LEAST THREE YEARS OF APPROVED EDUCATIONAL CREDIT, AND WHO HAVE AN ADDITIONAL FIVE YEARS OF PROFESSIONAL EXPERIENCE CREDIT DEFINED BY RULE R4-30-03, IN THE BRANCH SPECIFIED BY THE APPLICATION.
- e) APPLICANTS SEEKING REGISTRATION TO PRACTICE IN MORE THAN ONE BRANCH OF ENGINEERING MUST HAVE THE REQUIRED PRE-PROFESSIONAL EXPERIENCE CREDIT (4 YEARS) IN EACH BRANCH. EXPERIENCE ALLOWED FOR CREDIT IN ONE BRANCH WILL NOT BE ALLOWED AS PART OF THE EXPERIENCE REQUIREMENT FOR A SECOND BRANCH APPLICATION.
- f) ALL OTHER PERSONS SEEKING REGISTRATION TO PRACTICE ENGINEERING MUST BE CERTIFIED AS AN ENGINEER-IN-TRAINING PRIOR TO FILING AN APPLICATION FOR REGISTRATION TO PRACTICE.
2. THE BOARD, AFTER EVALUATION OF EACH APPLICATION, INCLUDING SATISFACTORY REFERENCES AND COMPLETION OF THE BOARD'S CODE EXAMINATION AND REVIEW (PERSONAL AUDIENCE) WILL DETERMINE THE FURTHER REQUIREMENTS FOR REGISTRATION IN ENGINEERING, IN ACCORD WITH THE FOLLOWING RULES:
- a) APPLICANTS FOR ORIGINAL "BASE STATE REGISTRATION" WILL BE HELD FOR THE ENGINEERING EXAMINATIONS CONSISTING OF NATIONAL STANDARD EXAMINATIONS (NCEE) TITLED:
- FUNDAMENTALS OF ENGINEERING (2 PARTS) - 8 HOURS  
 PRINCIPALS & PRACTICE OF ENGINEERING (2 PARTS) - 8 HOURS
- IN THE FOLLOWING BRANCHES:
- |              |            |
|--------------|------------|
| AERONAUTICAL | MECHANICAL |
| AGRICULTURAL | MINING     |
| CHEMICAL     | NUCLEAR    |
| CIVIL        | PETROLEUM  |
| ELECTRICAL   | SANITARY   |
| INDUSTRIAL   | STRUCTURAL |
- b) APPLICANTS FOR ORIGINAL BASE STATE REGISTRATION IN THE FOLLOWING BRANCHES WILL BE HELD FOR, IN ADDITION TO THE NATIONAL STANDARD FUNDAMENTALS OF ENGINEERING EXAMINATION, EXAMINATIONS PREPARED BY THE BOARD, LISTED AS FOLLOWS:
- GEOLOGICAL - PRINCIPALS & PRACTICE - 2 PARTS - 8 HOURS  
 GEOPHYSICAL - PRINCIPALS & PRACTICE - 2 PARTS - 8 HOURS  
 METALLURGICAL - PRINCIPALS & PRACTICE - 2 PARTS - 8 HOURS
- c) APPLICANTS FOR ORIGINAL BASE STATE REGISTRATION IN STRUCTURAL ENGINEERING, OR THOSE APPLICANTS REGISTERED IN OTHER STATES WHO EXPECT TO PRACTICE STRUCTURAL ENGINEERING, WILL BE HELD FOR EXAMINATIONS PREPARED BY THE BOARD, IN ADDITION TO THE NATIONAL STANDARD EXAMINATIONS AS FOLLOWS:
- ENGINEERING DESIGN, STRUCTURAL - 2 PARTS - 8 HOURS



- d) THE BOARD GRANTS CREDIT FOR EXAMINATION PARTS PREVIOUSLY PASSED IN ARIZONA OR OTHER JURISDICTIONS.
  - e) THE BOARD MAY WAIVE THE FUNDAMENTALS OF ENGINEERING EXAMINATION FOR APPLICANTS WHO ARE GRADUATES OF AN APPROVED SCHOOL OF ENGINEERING OR RELATED SCIENCES OF SATISFACTORY STANDING AND WHO HAVE IN ADDITION TEN YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT, OF WHICH AT LEAST FIVE YEARS SHALL HAVE BEEN IN RESPONSIBLE CHARGE OF IMPORTANT ENGINEERING PROJECTS.
3. THE BOARD WILL GRANT REGISTRATION TO PRACTICE ENGINEERING AND ISSUE NUMBERED CERTIFICATES TO THOSE APPLICANTS WHO SUCCESSFULLY COMPLETE THE EXAMINATION STANDARDS OF THE BOARD, AND
- a) APPLICANTS WHO HOLD REGISTRATION CERTIFICATES IN OTHER STATES, WHO HAVE MET THE EXAMINATION STANDARDS OF ARIZONA IN THE STATE OF THEIR BASE REGISTRATION, AND ARE IN GOOD STANDING, WILL BE REGISTERED WITHOUT EXAMINATION.

Part 6. Add new Section R4-30-07 reading as follows:

R4-30-07 STANDARDS OF EDUCATION, EXPERIENCE AND EXAMINATION TO QUALIFY AN APPLICANT FOR CERTIFICATION AS A GEOLOGIST-IN-TRAINING, AND FOR REGISTRATION AS A PROFESSIONAL GEOLOGIST.

A. CERTIFICATION AS A GEOLOGIST-IN-TRAINING

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR CERTIFICATION AS A GEOLOGIST-IN-TRAINING FROM APPLICANTS WITH THE FOLLOWING QUALIFICATIONS.
- NOTE: EACH CATEGORY LISTED BELOW IS DEEMED TO EQUATE WITH 4 YEARS OF EDUCATIONAL CREDIT.
- a) GRADUATES, OR STUDENTS IN THE FINAL UNDERGRADUATE SEMESTER IN A CURRICULUM OF GEOLOGY AT AN APPROVED SCHOOL OF SATISFACTORY STANDING WHOSE APPLICATIONS ARE ENDORSED BY THE DEAN OF THE COLLEGE OR DEPARTMENT HEAD OF A DIVISION.
  - b) GRADUATES OF SCIENCE RELATED SCHOOLS NOT RECOGNIZED BY THE THE BOARD AS OF SATISFACTORY STANDING, AND NON-GRADUATES IN RELATED FIELDS, HAVING AT LEAST TWO YEARS OF APPROVED GEOLOGICAL EDUCATIONAL CREDIT, AND IN ADDITION HAVING 3½ YEARS OF PRE-PROFESSIONAL EXPERIENCE OF WHICH ONE YEAR OF CREDIT MAY BE OF THE SUB-PROFESSIONAL LEVEL AS DEFINED BY RULE R4-30-03, WHOSE APPLICATIONS ARE ENDORSED BY A REGISTERED GEOLOGIST OR RELATED GEOPHYSICAL OR GEOLOGICAL ENGINEER WHO IS HIS CURRENT OR FORMER EMPLOYER.
  - c) APPLICANTS HAVING LITTLE OR NO EDUCATIONAL CREDIT WHO HAVE SIX YEARS OF PRE-PROFESSIONAL EXPERIENCE OF WHICH TWO YEARS MAY BE CREDIT OF THE SUB-PROFESSIONAL LEVEL AS DEFINED BY SECTION R4-30-03, WHOSE APPLICATIONS, ARE ENDORSED BY A REGISTERED GEOLOGIST OR RELATED GEOPHYSICAL OR GEOLOGICAL ENGINEER WHO IS HIS CURRENT OR FORMER EMPLOYER.

2. THE EXECUTIVE DIRECTOR MAY ADMIT QUALIFIED APPLICANTS TO THE GEOLOGIST-IN-TRAINING EXAMINATION CONSISTING OF EXAMINATION PREPARED BY THE BOARD ENTITLED, FUNDAMENTALS OF GEOLOGY IN 2 PARTS.
3. UPON SUCCESSFUL COMPLETION OF THE GEOLOGIST-IN-TRAINING EXAMINATIONS AND UPON RECEIPT OF TRANSCRIPTS FROM EDUCATIONAL INSTITUTIONS SUPPORTING EDUCATIONAL CREDITS, THE BOARD WILL CERTIFY APPLICANTS AS GEOLOGISTS-IN-TRAINING AND ISSUE A NUMBERED CERTIFICATE TO EACH APPLICANT.

B. REGISTRATION AS A PROFESSIONAL GEOLOGIST

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR REGISTRATION AS A PROFESSIONAL GEOLOGIST FROM APPLICANTS WHO HAVE THE FOLLOWING QUALIFICATIONS:
  - a) CERTIFIED GEOLOGISTS-IN-TRAINING, WHO HAVE AN ADDITIONAL 4 YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT IN GEOLOGY, GEOPHYSICS, GEOCHEMISTRY, GEOLOGICAL ENGINEERING OR OTHER GEOLOGICAL SCIENCE AS FURTHER DEFINED IN RULE R4-30-03. A GRADUATE DEGREE (M.S.-GEOLOGY) MAY SUBSTITUTE FOR ONE YEAR OF PRE-PROFESSIONAL EXPERIENCE.
  - b) GRADUATES (B.S.-GEOLOGY) OF AN APPROVED SCHOOL OF SATISFACTORY STANDING, WHO HAVE AN ADDITIONAL FOUR YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT IN GEOLOGY, GEOPHYSICS, GEOCHEMISTRY, GEOLOGICAL ENGINEERING OR OTHER GEOLOGICAL SCIENCE AS FURTHER DEFINED IN RULE R4-30-03. A GRADUATE DEGREE (M.S.-GEOLOGY) MAY SUBSTITUTE FOR ONE YEAR OF PRE-PROFESSIONAL EXPERIENCE.
  - c) QUALIFIED BY PRIOR REGISTRATION IN OTHER JURISDICTIONS UNDER THE PROVISIONS OF ARIZONA REVISED STATUTES ARS 32-126. THE STATUTE REQUIRES THAT REGISTRATION STANDARDS OF OTHER STATES, TO BE ACCEPTABLE, MUST BE SUBSTANTIALLY THE SAME AS ARIZONA STANDARDS.
  - d) ALL OTHER PERSONS SEEKING REGISTRATION TO PRACTICE GEOLOGY MUST BE CERTIFIED AS A GEOLOGIST-IN-TRAINING PRIOR TO FILING AN APPLICATION FOR REGISTRATION TO PRACTICE.
2. THE BOARD, AFTER EVALUATION OF EACH APPLICATION, INCLUDING SATISFACTORY REFERENCES AND COMPLETION OF THE BOARD'S CODE EXAMINATION AND REVIEW (PERSONAL AUDIENCE) WILL DETERMINE THE FURTHER REQUIREMENTS FOR REGISTRATION IN GEOLOGY, IN ACCORD WITH THE FOLLOWING RULES.
  - a) APPLICANTS FOR ORIGINAL "BASE STATE REGISTRATION" WILL BE HELD FOR GEOLOGY EXAMINATIONS PREPARED BY THE BOARD TITLED:
 

FUNDAMENTALS OF GEOLOGY - 2 PARTS - 8 HOURS  
PRINCIPALS & PRACTICE OF GEOLOGY - 2 PARTS - 8 HOURS
  - b) THE BOARD GRANTS CREDIT FOR EXAMINATION PARTS PREVIOUSLY PASSED IN ARIZONA, AND FOR COMPARABLE EXAMINATIONS PASSED IN OTHER JURISDICTIONS.
  - c) THE BOARD MAY WAIVE THE FUNDAMENTALS OF GEOLOGY EXAMINATION FOR APPLICANTS WHO ARE GEOLOGY GRADUATES OF AN APPROVED SCHOOL OF SATISFACTORY STANDING AND WHO HAVE IN ADDITION TEN YEARS OF

PRE-PROFESSIONAL EXPERIENCE CREDIT IN GEOLOGY, GEOPHYSICS, GEOCHEMISTRY, GEOLOGICAL ENGINEERING OR OTHER GEOLOGICAL SCIENCE AS DEFINED UNDER RULE R4-30-03 AND HAVE DEMONSTRATED PROFESSIONAL COMPETENCE IN IMPORTANT GEOLOGICAL STUDIES.

3. THE BOARD WILL GRANT REGISTRATION TO PRACTICE GEOLOGY AND ISSUE NUMBERED CERTIFICATES TO THOSE APPLICANTS WHO SUCCESSFULLY COMPLETE THE EXAMINATION STANDARDS OF THE BOARD, AND .
  - a) APPLICANTS WHO HOLD REGISTRATION CERTIFICATES IN OTHER STATES AND WHO HAVE MET THE EXAMINATION STANDARDS OF ARIZONA IN THE STATE OF THEIR BASE REGISTRATION, WILL BE REGISTERED WITHOUT FURTHER EXAMINATION.

Part 7. Add new Section R4-30-08 to read as follows:

R4-30-08 - STANDARDS OF EDUCATION, EXPERIENCE AND EXAMINATION TO QUALIFY AN APPLICANT FOR CERTIFICATION AS A LANDSCAPE ARCHITECT-IN-TRAINING AND FOR REGISTRATION AS A PROFESSIONAL LANDSCAPE ARCHITECT.

A. CERTIFICATION AS A LANDSCAPE ARCHITECT-IN-TRAINING

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR CERTIFICATION AS LANDSCAPE ARCHITECT-IN-TRAINING FROM APPLICANTS WITH THE FOLLOWING QUALIFICATIONS: NOTE: EACH CATEGORY BELOW IS DEEMED TO EQUATE TO 5 YEARS OF EDUCATIONAL CREDIT.
  - a) GRADUATES, OR STUDENTS IN THE FINAL SEMESTER, OF AN APPROVED SCHOOL OF LANDSCAPE ARCHITECTURE OF SATISFACTORY STANDING, WHOSE APPLICATION IS ENDORSED BY THE DEAN OF THE SCHOOL, OR PROFESSOR SERVING AS THE STUDENT'S 5TH YEAR ADVISOR.
  - b) GRADUATES OF OTHER SCHOOLS OF LANDSCAPE ARCHITECTURE NOT RECOGNIZED BY THE BOARD AS OF SATISFACTORY STANDING, WHO HAVE IN ADDITION ONE AND ONE-HALF YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH NOT MORE THAN ONE-HALF YEAR OF CREDIT MAY BE ON THE SUB-PROFESSIONAL LEVEL, AS DEFINED IN SECTION R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED LANDSCAPE ARCHITECT WHO IS HIS CURRENT OR FORMER EMPLOYER.
  - c) APPLICANTS FROM OTHER EDUCATIONAL BACKGROUNDS AND APPLICANTS WITH LIMITED EDUCATIONAL BACKGROUND WHO HAVE AT LEAST TWO YEARS OF EDUCATIONAL CREDIT IN THE FIELD OF LANDSCAPE ARCHITECTURE AND AN ADDITIONAL FOUR YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH ONE YEAR OF CREDIT MAY BE ON THE SUB-PROFESSIONAL LEVEL, AS DEFINED IN SECTION R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED LANDSCAPE ARCHITECT WHO IS HIS CURRENT OR FORMER EMPLOYER.
  - d) APPLICANTS WITH LITTLE OR NO EDUCATIONAL BACKGROUND WHO HAVE AT LEAST SIX YEARS OF PRE-PROFESSIONAL EXPERIENCE LEVEL, ALL AS DEFINED BY SECTION R4-30-03, WHOSE APPLICATION IS ENDORSED BY A REGISTERED LANDSCAPE ARCHITECT WHO IS HIS CURRENT OR FORMER EMPLOYER.

2. THE EXECUTIVE DIRECTOR MAY ADMIT QUALIFIED APPLICANTS TO THE LANDSCAPE ARCHITECT-IN-TRAINING EXAMINATIONS, CONSISTING OF PARTS A AND C OF THE UNIFORM NATIONAL EXAMINATION.
3. UPON SUCCESSFUL COMPLETION OF LANDSCAPE ARCHITECT-IN-TRAINING EXAMINATIONS AND UPON RECEIPT OF TRANSCRIPTS FROM APPLICABLE EDUCATIONAL INSTITUTIONS SUPPORTING EDUCATIONAL CREDIT, THE BOARD WILL CERTIFY APPLICANTS AS LANDSCAPE ARCHITECTS-IN-TRAINING (L.A.I.T.) AND GRANT A NUMBERED CERTIFICATE TO EACH APPLICANT.

B. REGISTRATION AS PROFESSIONAL LANDSCAPE ARCHITECT

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR REGISTRATION AS PROFESSIONAL LANDSCAPE ARCHITECT FROM APPLICANTS WHO HAVE THE FOLLOWING QUALIFICATIONS:
  - a) CERTIFIED LANDSCAPE ARCHITECTS-IN-TRAINING WHO HAVE AN ADDITIONAL THREE YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT AS DEFINED IN SECTION R4-30-03. AT LEAST ONE YEAR OF THE PRE-PROFESSIONAL EXPERIENCE REQUIREMENT SHALL BE EARNED UNDER THE DIRECT SUPERVISION OF A REGISTERED LANDSCAPE ARCHITECT IN ACTIVE PRACTICE.
  - b) GRADUATES OF AN APPROVED SCHOOL OF LANDSCAPE ARCHITECTURE OF SATISFACTORY STANDING, WHO HAVE AN ADDITIONAL THREE YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT AS DEFINED IN SECTION R4-30-03. AT LEAST ONE YEAR OF THE PRE-PROFESSIONAL EXPERIENCE REQUIREMENT SHALL BE EARNED UNDER THE DIRECT SUPERVISION OF A REGISTERED LANDSCAPE ARCHITECT IN ACTIVE PRACTICE.
  - c) QUALIFIED BY PRIOR REGISTRATION IN OTHER JURISDICTIONS UNDER THE PROVISIONS OF ARIZONA REVISED STATUTES (ARS) 32-126.
  - d) GRADUATES OF A SCHOOL OF LANDSCAPE ARCHITECTURE NOT RECOGNIZED BY THE BOARD AS OF SATISFACTORY STANDING WHO HAVE AT LEAST FOUR YEARS OF APPROVED EDUCATIONAL CREDIT, AND FOUR ADDITIONAL YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT AS DEFINED BY SECTION R4-30-03. AT LEAST ONE YEAR OF THE PRE-PROFESSIONAL EXPERIENCE REQUIREMENT SHALL BE EARNED UNDER THE DIRECT SUPERVISION OF A REGISTERED LANDSCAPE ARCHITECT IN ACTIVE PRACTICE.
  - e) ALL OTHER PERSONS SEEKING REGISTRATION TO PRACTICE LANDSCAPE ARCHITECTURE MUST BE CERTIFIED AS A LANDSCAPE ARCHITECT-IN-TRAINING PRIOR TO FILING AN APPLICATION FOR REGISTRATION TO PRACTICE.
2. THE BOARD, AFTER EVALUATION OF EACH APPLICATION INCLUDING SATISFACTORY REFERENCES AND COMPLETION OF THE BOARD'S CODE EXAMINATION AND REVIEW (PERSONAL AUDIENCE) WILL DETERMINE THE FURTHER REQUIREMENTS FOR REGISTRATION IN LANDSCAPE ARCHITECTURE, IN ACCORD WITH THE FOLLOWING RULES:

- a) APPLICANTS FOR ORIGINAL "BASE STATE REGISTRATION" WILL BE HELD FOR THE LANDSCAPE ARCHITECTURAL EXAMINATIONS CONSISTING OF THE UNIFORM NATIONAL EXAMINATIONS (CLARB) TITLED:

PART A - HISTORY - 1 HOUR  
 PART B - PROFESSIONAL PRACTICE - 1 HOUR  
 PART C - DESIGN - 9 HOURS  
 PART D - DESIGN IMPLEMENTATION - 8 HOURS

- b) THE BOARD GRANTS CREDIT FOR EXAMINATION PARTS PREVIOUSLY PASSED IN ARIZONA OR OTHER JURISDICTIONS.

3. THE BOARD WILL GRANT REGISTRATION TO PRACTICE AND ISSUE NUMBERED CERTIFICATES TO THOSE APPLICANTS WHO SUCCESSFULLY COMPLETE THE EXAMINATION STANDARDS OF THE BOARD, AND APPLICANTS WHO HOLD REGISTRATION CERTIFICATES IN OTHER STATES, WHO HAVE MET THE EXAMINATION STANDARDS OF ARIZONA IN THE STATE OF THEIR BASE REGISTRATION, AND ARE IN GOOD STANDING, WILL BE REGISTERED WITHOUT FURTHER EXAMINATION.

Part 8. Add new Section R4-30-09 reading as follows:

R4-30-09 - STANDARDS OF EDUCATION, EXPERIENCE, AND EXAMINATION TO QUALIFY AN APPLICANT FOR CERTIFICATION AS A LAND SURVEYOR-IN-TRAINING, AND FOR REGISTRATION AS A PROFESSIONAL LAND SURVEYOR.

A. CERTIFICATION AS A LAND SURVEYOR-IN-TRAINING

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR CERTIFICATION AS LAND SURVEYOR-IN-TRAINING FROM APPLICANTS WITH THE FOLLOWING QUALIFICATIONS:
- a) POST SECONDARY EDUCATIONAL CREDIT (UNIVERSITY LEVEL) OF 2 OR MORE YEARS, INCLUDING AT LEAST 9 SEMESTER HOURS OF LAND SURVEYING AND 6 SEMESTER HOURS OF MATHEMATICS COURSES IN A CURRICULUM AND SCHOOL ACCEPTABLE TO THE BOARD OR CERTIFIED BY A NATIONAL ACCREDITING AGENCY, AND IN ADDITION TWO YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT OF WHICH ONE YEAR OF CREDIT MAY BE OF THE SUB-PROFESSIONAL LEVEL AS DEFINED BY RULE R4-30-03. APPLICANTS MAY SUBSTITUTE AN ADDITIONAL ONE AND ONE-HALF YEARS OF PRE-PROFESSIONAL EXPERIENCE CREDIT FOR ONE YEAR OF THE REQUIRED EDUCATIONAL CREDIT, BUT THE REQUIRED SEMESTER HOURS OF LAND SURVEYING AND MATHEMATICS WILL NOT BE WAIVED.
2. THE EXECUTIVE DIRECTOR MAY ADMIT QUALIFIED APPLICANTS TO THE LAND SURVEYOR-IN-TRAINING EXAMINATIONS CONSISTING OF NATIONAL STANDARD EXAMINATIONS (NCEE): TITLED:
- FUNDAMENTALS OF LAND SURVEYING - 2 PARTS - 8 HOURS
3. UPON SUCCESSFUL COMPLETION OF THE LAND SURVEYOR-IN-TRAINING EXAMINATIONS AND UPON RECEIPT OF TRANSCRIPTS FROM EDUCATIONAL INSTITUTIONS SUPPORTING EDUCATIONAL CREDIT, THE BOARD WILL CERTIFY APPLICANTS AS LAND SURVEYORS-IN-TRAINING AND ISSUE A NUMBERED CERTIFICATE TO EACH APPLICANT.

B. REGISTRATION AS A PROFESSIONAL LAND SURVEYOR

1. THE EXECUTIVE DIRECTOR MAY ACCEPT APPLICATIONS FOR REGISTRATION AS A PROFESSIONAL LAND SURVEYOR FROM APPLICANTS WHO HAVE THE FOLLOWING QUALIFICATIONS:
  - a) CERTIFIED LAND SURVEYORS-IN-TRAINING WHO HAVE AN ADDITIONAL TWO YEARS OF PRE-PROFESSIONAL SURVEYING EXPERIENCE CREDIT OF WHICH AT LEAST ONE YEAR SHALL BE IN RESPONSIBLE CHARGE OF RETRACEMENT AND NEW LAND TITLE BOUNDARY SURVEYS UNDER THE DIRECT SUPERVISION OF A REGISTERED LAND SURVEYOR IN ACTIVE PRACTICE AS DEFINED IN RULE R4-30-03.
  - b) GRADUATES (B.S.) OF AN APPROVED SCHOOL OF SATISFACTORY STANDING IN A CURRICULUM EMPHASIZING LAND SURVEYING OR RELATED ENGINEERING AND MATHEMATICAL SCIENCE INCLUDING AT LEAST 15 SEMESTER HOURS OF LAND SURVEYING AND 12 SEMESTER HOURS OF MATHEMATICS COURSES, AND WHO HAVE AN ADDITIONAL TWO YEARS OF PRE-PROFESSIONAL SURVEYING EXPERIENCE CREDIT OF WHICH AT AT LEAST ONE YEAR SHALL BE IN RESPONSIBLE CHARGE OF RETRACEMENT AND NEW LAND TITLE BOUNDARY SURVEYS UNDER THE DIRECT SUPERVISION OF A REGISTERED LAND SURVEYOR IN ACTIVE PRACTICE AS FURTHER DEFINED IN RULE R4-30-03. APPLICANTS MAY SUBSTITUTE ONE ADDITIONAL YEAR OF PRE-PROFESSIONAL EXPERIENCE CREDIT FOR ONE YEAR OF THE 4 YEAR EDUCATIONAL DEGREE CREDIT.
  - c) QUALIFIED BY PRIOR REGISTRATION IN OTHER JURISDICTIONS UNDER THE PROVISIONS OF ARIZONA REVISED STATUTES (ARS) 32-126. THE STATUTE REQUIRES THAT REGISTRATION STANDARDS OF OTHER STATES, TO BE ACCEPTABLE, MUST BE SUBSTANTIALLY THE SAME AS ARIZONA STANDARDS.
  - d) ALL OTHER PERSONS SEEKING REGISTRATION TO PRACTICE LAND SURVEYING MUST BE CERTIFIED AS A LAND SURVEYOR-IN-TRAINING PRIOR TO FILING AN APPLICATION FOR REGISTRATION TO PRACTICE.
2. THE BOARD, AFTER EVALUATION OF EACH APPLICATION, INCLUDING SATISFACTORY REFERENCES AND COMPLETION OF THE BOARD'S CODE EXAMINATION AND REVIEW (PERSONAL AUDIENCE) WILL DETERMINE THE FURTHER REQUIREMENTS FOR REGISTRATION IN LAND SURVEYING, IN ACCORD WITH THE FOLLOWING RULES:
  - a) APPLICANTS FOR ORIGINAL "BASE STATE REGISTRATION" WILL BE HELD FOR THE NATIONAL STANDARD LAND SURVEYING EXAMINATIONS TITLED:

FUNDAMENTALS OF LAND SURVEYING - 2 PARTS - 8 HOURS  
PRINCIPALS AND PRACTICE OF LAND SURVEYING - 1 PART - 4 HOURS

AND THE PART IV EXAMINATION PREPARED BY THE BOARD TITLED:

LEGAL PRINCIPLES OF LAND SURVEYING - 4 HOURS
  - b) APPLICANTS QUALIFYING BY PRIOR REGISTRATION IN OTHER JURISDICTIONS WILL BE HELD FOR THE PART IV EXAMINATION PREPARED BY THE BOARD TITLED "LEGAL PRINCIPLES OF LAND SURVEYING". APPLICANTS

MAY REQUEST THAT THIS EXAMINATION BE PROCTORED FOR ARIZONA BY THE APPLICANT'S STATE BOARD.

- c) THE BOARD GRANTS CREDIT FOR EXAMINATION PARTS PREVIOUSLY COMPLETED SUCCESSFULLY IN ARIZONA, AND FOR EXAMINATIONS COMPARABLE TO THE NCEE EXAMINATION GIVEN BY OTHER JURISDICTIONS.
  - d) THE BOARD MAY WAIVE THE "FUNDAMENTALS OF LAND SURVEYING" EXAMINATION FOR APPLICANTS WHO ARE GRADUATES (B.S.) IN A LAND SURVEYING CURRICULUM OF AN APPROVED SCHOOL OF SATISFACTORY STANDING AND WHO HAVE IN ADDITION TEN YEARS OF PRE-PROFESSIONAL EXPERIENCE IN RESPONSIBLE CHARGE OF LAND SURVEYING BOUNDARY, SUB-DIVISION AND BOUNDARY RETRACEMENT SURVEYS AS DEFINED IN RULE R4-30-03.
3. THE BOARD WILL GRANT REGISTRATION TO PRACTICE LAND SURVEYING AND ISSUE NUMBERED CERTIFICATES TO THOSE APPLICANTS WHO SUCCESSFULLY COMPLETE THE EXAMINATION STANDARDS OF THE BOARD, AND
- a) APPLICANTS WHO HOLD REGISTRATION CERTIFICATES IN OTHER STATES AND WHO HAVE MET THE EXAMINATION STANDARDS OF ARIZONA IN THE STATE OF THEIR BASE REGISTRATION WILL BE REGISTERED ON SUCCESSFUL COMPLETION OF ARIZONA'S "LEGAL PRINCIPLES OF LAND SURVEYING" EXAMINATION.

Part 9. Add new Section R4-30-10 to read as follows:

R4-30-10 - EDUCATION, EXPERIENCE AND EXAMINATION STANDARDS APPLICABLE TO ALL DISCIPLINES.

a) REFERENCES

ALL APPLICANTS FOR REGISTRATION TO PRACTICE ARE REQUIRED TO FURNISH NAMES, ADDRESSES, AND POSITION OF FIVE REFERENCES, OF WHICH THREE SHOULD BE REGISTRANTS IN THE CLASSIFICATION FOR WHICH THE APPLICATION IS MADE, AND TWO WHO ARE, OR HAVE BEEN IMMEDIATE SUPERVISORS, WHO NEED NOT BE RESIDENTS OF ARIZONA, BUT MUST BE PERSONS WHOSE FITNESS TO JUDGE YOUR QUALIFICATIONS CAN BE ESTABLISHED BY THE BOARD.

b) REGISTRATION WITHOUT EXAMINATION

AN APPLICANT WHO HAS POSSESSED RECOGNIZED STANDING IN HIS PROFESSION MAY BE ISSUED A CERTIFICATE OF REGISTRATION UPON MEETING THE FOLLOWING REQUIREMENTS:

1. HE SHALL MEET A STANDARD OF EMINENCE CHARACTERIZED BY THE FOLLOWING:
  - a. EXTENSIVE AND DIRECT INVOLVEMENT IN WORK IN WHICH A KNOWLEDGE OF THE MATHEMATICAL AND NATURAL SCIENCES GAINED BY STUDY, EXPERIENCE AND PRACTICE IS APPLIED WITH JUDGEMENT TO DEVELOP WAYS TO UTILIZE ECONOMICALLY THE MATERIALS AND FORCES OF NATURE FOR THE BENEFIT OF MANKIND. THIS IMPLIES

PERSONAL DECISIONS ON IMPORTANT TECHNICAL PROBLEMS BASED ON ACTUAL ANALYSIS AND DESIGN CONSIDERATIONS.

b. CLEAR EVIDENCE OF NOTEWORTHY PERSONAL CONTRIBUTIONS TO IMPORTANT WORK IN THE APPLICANTS FIELD.

c. PROGRESSIVELY INCREASED RESPONSIBILITY LEADING TO DIRECTION OF OUTSTANDING PROFESSIONAL WORK, RECOGNIZED BY COLLEAGUES, INCLUDING A DIVERSIFIED GROUP OF REGISTERED PROFESSIONAL PEERS BEYOND THE RANGE OF HIS IMMEDIATE ASSOCIATES. WHILE MINIMUM LENGTH OF PRACTICE IS SPECIFIED, LONGEVITY IN ITSELF OR THE COMPETENT PERFORMANCE OF WORK IN ROUTINE OR REPETITIVE TYPE OF ASSIGNMENTS, SHALL NOT ALONE BE SUFFICIENT FOR THE PURPOSES OF THIS PROVISION.

2. HE SHALL HAVE A RECORD OF NOT LESS THAN TWENTY-FIVE YEARS OF PROFESSIONAL PRACTICE, OF WHICH AT LEAST TEN YEARS HAVE BEEN IN RESPONSIBLE CHARGE OF OUTSTANDING WORK IN THE DISCIPLINE APPLIED FOR.
3. HE SHALL HAVE A FORMAL EDUCATIONAL BACKGROUND OF FOUR YEARS OR MORE AT THE UNIVERSITY LEVEL.
4. HE SHALL SUBMIT EXHIBITS INDICATING LENGTH AND CHARACTER OF EXPERIENCE AND PRESENT SELECTED EXHIBITS OF OUTSTANDING ACCOMPLISHMENTS IN HIS FIELD TO A REVIEW COMMITTEE OF THE BOARD.

Part 10. Repeal Section R4-30-16 - Comprehensive Oral Examination, in its entirety.

Part 11. Amend Section R4-30-17 to read as follows, and add new Paragraph D.

R4-30-17 Personal Audience

- A. A personal audience will be required of all applicants in order to complete professional registration. The personal audience will consist of ~~an oral~~ and/or a written examination AND REVIEW OF 30 minutes duration ~~and will include questions~~ covering the Code and Rules of the State Board of Technical Registration. The personal audience will be given at a time and place convenient to the Evaluation Committee of the Board.
- B. (No Change)
- C. (No Change)
- D. THE BOARD MAY WAIVE THE CODE EXAMINATION REVIEW REQUIREMENT (PERSONAL AUDIENCE) FOR APPLICANTS QUALIFYING BY PRIOR REGISTRATION IN OTHER JURISDICTIONS, AND ARE IN GOOD STANDING IN THE BASE STATE OF THEIR REGISTRATION. APPLICANTS WHO ARE GRANTED A WAIVER OF THE PERSONAL AUDIENCE REVIEW SHALL COMPLETE THE BOARD'S CODE AND RULES EXAMINATION REQUIREMENT BY CORRESPONDENCE PRIOR TO BEING GRANTED REGISTRATION TO PRACTICE.



August 19, 1980

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

The Architectural Evaluation Committee met August 15, 1980 in Phoenix, Arizona with the following members present:

August 15, 1980

Jimmie Nunn

There being a quorum present at all times, the committee held personal audience interviews and considered other items of Board business and makes recommendations to the Board as indicated.

1. The following applicants having appeared before the committee and satisfied the committee that they are fully qualified (including the treatise on seismic forces) to receive architectural registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

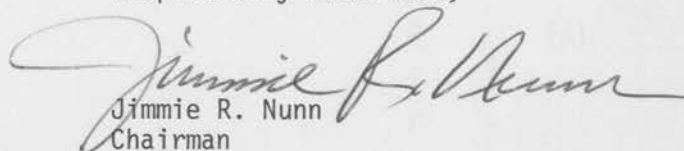
Achey, Richard Henry	80-233	Hoppin, Carolyn Ploeger	80-269
Anderson, Richard	80-411	Jones, Michael Richard	80-398
Arburn, Robert William	80-268	Lisi, Robert Wilson	80-452
Bailey, Jack McGear	80-038	McVay, Wayne	80-408
Bender, Ralph Clifford	80-196	Miller, James W.	80-272
Bergseth, Thomas Lyle	80-400	Nickum, Richard Leroy	80-289
Breitweiser, Alvah Paul	80-047	Pesce, Robert J.	80-401
Burns, Arthur L.	80-381	Sasonoff, Alexander George	80-203
Clarke, Ernest Parrish	80-402	Silverman, Charles	80-405
Conner, James Neal Jr.	80-410	Smith, Ragnar	80-352
Eckstut, Stanton	80-200	Soldan, Kenneth Alden	80-455
Garapich, Gerald	80-113	Wald, Donald F.L.	80-350
Golemon, Harry Abbott	79-815	Zettel, William Melvin	80-510
Gourley, Ronald	78-242	Zinn, Domby Lloyd	80-274
Harrison, Robert V.M.	80-324	Ziskind, David Miles	80-085

2. The following applicants, having appeared before the committee for a personal audience interview, need demonstration of additional evidence of their proficiency (A.R.S. 32-123. B), and it is recommended to the Board that these individuals be held for written examinations in December 1980 and June 1981:

Brizee, William A.	80-118	Prof. Exam/Sections A,B
Godfrey, Preston Noel	80-282	Prof. Exam/Sections A,B
Karkau, Richard Lee	80-116	Qualifying Test; Prof. Exam/Sections A,B
Kelly, Jimmie Alexander	80-202	Prof. Exam/Sections A,B
O'Leary, Michael Gary	80-273	Qualifying Test; Prof. Exam/Sections, A, and Section B after passing qualifying examination.

3. CORACIDES, BASILIO B. 72-103  
At the last Committee Meeting, it was recommended that Mr. Coracides be held for Part C. He has passed Part C. Mr. Coracides has been in the exam process since 1972. He has never taken the Professional Exam Part B, and should have been transitioned into that part of the exam when it was established in 1974, but apparently was overlooked. With the completion of Part C of the Qualifying Exam, it appears he has now passed all parts of the 1972 - 7 part, 36-hour exam. He is a graduate of an accredited school. The Committee recommends he be granted registration.
  
4. The Architectural Examination Committee met August 15, 1980, in Phoenix, Arizona, to review the results of the examinations given in June 1980. The Committee recommends that the results as shown on the pages following this report be certified.

Respectfully submitted,

  
Jimmie R. Nunn  
Chairman

ARCHITECTURAL EXAMINATIONS

JUNE 10-11, 1980

04570

ARCHITECTS

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
77-525	Al-Alawi, Kamal					F	
79-374	Allen, Kenneth Lewis	P	F	F	P	P	A,D (A)
79-507	Anderson, Clark Lynn					F	
80-220	Armacost, David James					P	(A)
80-167	Barrass, Keith Richard					F	
79-300	Benedict, Peter Anthony					F	
71-414	Biddle, Warren Robert		F			F	
79-610	Boehm, David P.					F	
79-658	Bosley, Bruce Charles	F	P	P	P	P	B,C,D,(A)
79-694	Bowen, Luke Reynolds					F	
80-198	Bower, Michael Wilson					P	(A)
79-611	Bridgers, Carl Hamrick					F	
78-379	Campbell, Gary Alan					F	
80-197	Caragol, Richard Louis					F	
* 78-516	Christensen, Danny Dale					P	(A)
77-528	Colosa, Joseph Thomas					F	
79-678	Conner, Kenneth Raymond	P	P	P	P	F	A,B,C,D
72-103	Coracides, Basilio B.			P			C
79-223	Cortez, Ernest Louis		NT		NT	F	
79-743	Dawson, Bruce L.					F	
* 80-235	Doolan, James Joseph					P	
74-499	Duncan, Clarence Douglas	F			P	NT	D
* 78-1	Eaton, Bruce Edward		P				B
* 77-167	Famous, George W.					P	(A)
76-385	Fischbach, George Thomas					F	
72-135	Fraunhoffer, Herman, Jr.	F	NT		F		
* 79-696	Frost, Marc Cahill					P	(A)
80-282	Godfrey, Preston Noel					F	
78-539	Guzman, Gabriel Fernando	F	F	F	F	F	
78-291	Hakim, Besim Selim					F	
79-632	Hardenbrook, Robert Vance					F	
79-405	Heath, Michael Don					F	
* 78-244	Houghton, Jack Edward					P	(A)

\* All requirements completed

NT Not Taken

## ARCHITECTURAL EXAMINATIONS

JUNE 10-11, 1980

04571

ARCHITECTS	APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
			A	B	C	D		
	78-217	Hryb, Roman John	F	P			F	B
*	79-30	Islam, Md. Rafiqui			P			C
	80-026	Janssen, Merritt Leon (Jr.)	F	F	F	F	F	
	79-233	Kabobel, Gary Alexander					F	
	76-448	Kelly, Tommy James					F	
	79-592	Kilbane, Terry Lee					F	
	80-270	Kilgore, Karl Manford					F	
	79-734	Klein, James Erwin		P				B
	71-318	Kopecek, Josef Robert					F	
	78-431	Kovacs, Laszlo	F	P				B
	79-707	Lindquist, Bruce Lowell					NT	
	78-490	Lockhart, Brian					F	
	80-171	Lomeli, Ricardo Guadalupe					F	
	78-324	Love, James Ray					F	
	74-538	Lucero, Edward Horta	F					
	79-349	Lundberg, David Arthur					F	
	80-117	Lupone, Allan Guy					F	
	80-170	Lusardi, Stanley Ray	P	P	P	P	F	A,B,C,D
*	80-284	McCormick, Edward Earl					P	(A)
	78-723	Marino, Valentino					NT	
	79-647	Mason, David John					P	(A)
*	78-491	Mayoras, Douglas Allen					P	(A)
	80-165	Mather-Boehm, Deborah K.					NT	
*	78-470	Mazziotti, Vincent G.					P	(A)
*	79-142	Miles, Brian Dale					P	(A)
	78-471	Nickerson, Edwin Walter	F	P				B
*	79-736	Nimmer, Peter					P	(A)
	79-709	Ortega, David Damian					F	
	78-380	Palmeri, Richard Paul	F	F	P	F	F	
	79-275	Paul, Eric Bradford					F	
	79-744	Pearsall, Bryce Dale					F	
	77-135	Ralston, Philip Johns					NT	
	78-46	Ransom, William H.	F	F				
	79-634	Reich, Thomas Steven					F	
*	79-661	Reigle, Richard M.					P	(A)

ARCHITECTURAL EXAMINATIONS

JUNE 10-11, 1980

04572

ARCHITECTS

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE
		A	B	C	D		
80-195	Rhoads, William Gray					F	
79-710	Roberts, Fay Dennis	P	F	P	P	F	A,C,D
75-358	Robison, Robert C.	F					
79-682	Rollings, Debra Anne					P	(A)
79-735	Rothwell, Susanne Gail					F	
79-180	Rumel, Scott Sorensen					F	
78-519	Ruppel, Dennis Lee					NT	
79-234	Sachleben, Nicholas					F	
79-683	Sadeghi, Jalal					F	
80-199	Santa Maria, Antonio					NT	
80-236	Schweiger-Nitchals, Suzanne	P	P	P	P	F	A,B,C,D,
78-296	Shapiro, David Lawrence					F	
80-204	Sherbondy, Don Owen					F	
79-619	Siek, William V.					F	
79-618	Simko, Eugene Allen, Jr.					F	
78-545	Sipos, Henry Louis	F					
* 80-060	Spencer, Brian A.					P	
78-250	Stockton, Paul Barten					F	
79-685	Stroh, Douglas Donald	NT	P	NT	NT	F	B
78-512	Tone, Robert Charles	P	P			NT	A,B
79-494	Torok, Tamas Peter	F	P	P	P	F	B,C,D
* 76-443	Trice, Glenn Eugene					P	(A)
78-548	Tudan, Jonathan Alan					NT	
80-115	Ulrich, Roger Lane					F	
79-549	Wang, Yu An					P	(A)
78-301	Wetzel, Thomas Joseph					NT	
79-648	Wood, May Belle					F	

ARCHITECTS-IN-TRAINING

80-04	Alday, Abelardo K.	P	F	P	P	F	A,C,D
80-07	Anderson, Jon P.	NT	NT	NT	NT	P	(A)
80-071	Athanasios, A.	P	F	F	F		A
* 80-08	Baldinger, Ilan L.	P	P	P	P	P	A,B,C,D,(A)
80-069	Barrett, James R. Jr.	NT	NT	NT	NT	NT	
79-10	Bartels, Kenneth C.		P		P	P	(A)

ARCHITECTURAL EXAMINATIONS

JUNE 10-11, 1980

04573

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
* 80-09	Bartlett, Joseph	P	P	P	P	P	A,B,C,D,(A)
80-044	Becker, J. Lewis	F	F	P	P	F	C,D,
79-1	Bender, Shirley					NT	
80-045	Bent, Donald Sr.	F	F	P	F		C
79-45	Berhalter, Dennis					F	
80-075	Bohning, Scott	P	P	P	P	F	A,B,C,D
* 78-1	Bollogh, Richard		P			P	B, (A)
78-31	Brizee, William					NT	
80-010	Brosman, Pamela	P	P	P	P	F	A,B,C,D
79-37	Brown, Robert		F	P	P	P	C,D,(A)
79-48	Bruno, Dean	P	P	P	P	F	A,B,C,D
79-49	Campos, Xavier					F	
79-50	Carter, William					F	
79-51	Casey, George					P	(A)
80-011	Causey, Jeffrey	P	P	P	P	NT	A,B,C,D
80-02	Charney, Alan	P	P	P	P	F	
79-11	Chonka, John	NT	NT	NT	NT	F	
80-073	Cipriano, Richard	P	F	P	P	P	A, ,C,D,(A)
80-079	Cobb, Dawn	P	P	P	P	F	A,B,C,D
80-012	Colletta, Robert	NT	NT	NT	NT	P	(A)
79-2	Coor, Roger					F	
80-013	Cotton, Lorenzo	F	F	F	F	NT	
77-14	Cox, Val					F	
80-066	Cundiff, Daniel	P	F	P	P	NT	A,C,D
* 79-12	Davidson, Stephen		P				B
* 80-054	Deardorff, Robert	P	P	P	P	P	A,B,C,D,(A)
79-3	Dietrich, David					F	
73-84	Dixon, Charles					F	
78-38	Dounay, Kent	F	F				
79-55	Ebrahim, Mohamed					F	
80-074	Eglin, Evan	P	F	F	P	P	A,D,(A)
80-05	Eslamieh, Jason	F	F	F	F	NT	
* 80-078	Fender, David	P	P	P	P	P	A,B,C,D,(A)
80-014	Fischer, Bruce	P	P	P	P	F	A,B,C,D

ARCHITECTURAL EXAMINATIONS

04574

JUNE 10-11, 1980

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-064	Fisher, James	P	F	F	F	F	A
80-070	Fortney, Dorian Fey	P	P	P	P	F	
79-4	Fox, Daniel		F		P	F	D
80-046	Fredrikson, Douglas	P	P	P	P	F	
* 79-13	Gajdorus, Carl 2nd		P				
80-015	Gallegos, Philip	F	P	P	P	P	B,C,D,(A)
79-14	Garcia, Oscar	F	F		P		
80-016	Goldstein, Gene	P	P	F	F	P	A,B,(A)
80-055	Gordon, Thomas	P	P	P	P	NT	
79-58	Graham, Bradley		NT		P		D
79-60	Gualda, Fred	P	P	P	P	F	A,B,C,D
* 80-017	Hann, James	P	P	P	P	P	A,B,C,D,(A)
80-047	Harris, Jon	P	P	P	F	P	(A)
* 80-018	Harrison, John	P	P	P	P	P	A,B,C,D,(A)
79-61	Harrison, Richard					F	
79-16	Haskell, Paul		NT			F	
80-019	Heger, John	P	P	P	P	F	
80-048	Hitchens, Gregory	P	P	P	P	NT	
* 80-020	Hoffmann, James	P	P	P	P	P	A,B,C,D,(A)
80-021	Jordan, Arthur Jr.	P	F	P	P	NT	A,C,D
80-056	Kauffmann, Jeffery	P	P	P	P	F	
78-39	Kennedy, Glenn	P	F	F	P	F	A,D
* 79-5	Kesler, Gerald	P	P				A,B
80-022	Kilby, Neil	P	P	P	P	F	A,B,C,D
80-023	King, Gary	P	P	P	P	F	A,B,C,D
79-64	Kirschenbaum, Eddie		F			P	(A)
80-067	Kleber, Terrence	NT	NT	NT	NT	NT	
80-049	Lai, Eric	F	P	P	P	P	(A)
* 80-01	Lamb, Gary	P	P	P	P	P	A,B,C,D,(A)
78-48	Larsen, William			P	P	F	C,D
* 79-66	Lucchesi, Raymond					P	(A)
* 80-027	McKittrick, Denis	P	P	P	P	P	A,B,C,D,(A)
80-024	Magness, Bobby	F	F	F	F	F	
79-19	Maher, Joseph		P	P		F	
80-025	Manross, John	F	P	P	F	P	B,C,(A)

ARCHITECTURAL EXAMINATIONS

JUNE 10-11, 1980

04575

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
* 80-026	Markling, Gregory	P	P	P	P	P	(A)
* 79-68	Martin, Gregg		P				B
79-35	Mauldin, Robert	P				F	A
78-43	Meyer, James					F	
* 79-22	Milburn, Michael					P	(A)
80-028	Montello, James	NT	NT	NT	NT	F	
78-44	Morales, Roland		F			F	
79-71	Murphy, Neil					F	
80-057	Murray, Susan	NT	NT	NT	NT	F	
80-029	Nichol, William	P	P	P	P	F	A,B,C,D
* 79-73	Ong, Curtis			P		P	C,(A)
80-065	Ornelas, Eduardo	P	F	P	F	F	
80-030	Palmer, Gerald	NT	NT	NT	NT	F	
80-058	Pang, Yin	P	P	P	P	F	
80-060	Parks, Karyn	NT	NT	NT	NT	P	(A)
* 79-26	Pashkowski, Geoffrey	P	P			P	A,B,(A)
79-74	Patry, Daniel					F	
80-031	Perry, Michael	NT	NT	NT	NT	P	(A)
80-059	Pian, Robert	P	P	P	P	P	(A)
80-061	Pickard, Michael	NT	NT	NT	NT	F	
80-032	Piskac, Joseph	P	P	P	P	F	A,B,C,D
80-033	Price, Janice	P	P	P	P	F	A,B,C,D
80-062	Prevost, Jeffrey	NT	NT	NT	NT	P	(A)
80-063	Pruneau, Michel	NT	NT	NT	NT	F	
79-8	Raman, Balakrishnan		P	F		F	B
* 79-28	Ray, Duane	P	P	P	P		A,B,C,D
79-75	Reeves, Bruce					F	
80-077	Roberts, Judson	P	F	P	P	NT	
80-068	Rodriguez, Omar	P	F	F	F	F	
79-9	Rodriguez, Tony					F	
80-050	Rolnizky, Rony	P	P	P	P	F	
80-034	Sager, Irwin	P	P	P	P	NT	A,B,C,D
* 80-035	Sarela, Rahib	P	P	P	P	P	A,B,C,D,(A)



ARCHITECTURAL EXAMINATIONS

JUNE 10-11, 1980

04576

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-03	Scaglione, Peter	P	P	P	P	F	
80-036	Schmitt, Michael	F	P	P	P	F	B,C,D
80-051	Schulz, Bradley	P	P	P	P	F	
80-037	Singer, Robert	P	P	P	P	F	A,B,C,D
* 78-32	Slife, Curtis		P			P	B,(A)
80-052	Snedegar, James	NT	NT	NT	NT	NT	
80-038	Stein, Morris	NT	NT	NT	NT	P	(A)
79-30	Stickley, Martin	F	F	P	F	P	(A)
80-039	Surgener, James	P	P	P	P	F	A,B,C,D
79-38	Taylor, William	P	P	P	P	NT	
77-6	Tilton, Webster, III					F	
* 79-32	Todd, Stephen					P	(A)
80-072	Tripp, Deborah	P	P	P	F	F	
80-040	Trzos, Thaddeus	P	P	P	P	NT	A,B,C,D
* 80-041	Tyndall, Joseph	P	P	P	P	P	A,B,C,D,(A)
* 80-053	Umberger, Martin	P	P	P	P	P	
80-042	Vernosky, Christian	NT	NT	NT	NT	F	
* 78-19	Vinson, Mark					P	(A)
76-9	Wagner, Paul					F	
80-06	Weiser, Roberta	P	P	P	P	NT	A,B,C,D
80-043	Willcox, Jared	P	P	P	P	F	A,B,C,D
80-076	Williams, Gregg	P	P	P	P	NT	
78-22	Willis, Dennis					F	
* 77-18	Wong, Rodin	P					A
79-83	Wulf, Verner	NT	NT	NT	NT	NT	

August 19, 1980

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

The Landscape Architectural Examination Committee met August 7, 1980 in Phoenix, Arizona with the following member present:

Wayne O. Earley

There being a quorum present at all times, the committee reviewed the following applicants, considered other items of business, and makes recommendations as indicated.

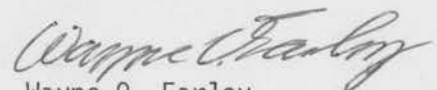
1. The following applicants, having appeared before the Committee and having satisfied the Committee that they are fully qualified to receive registration in Arizona under A.R.S. 32-123.A and A.R.S. 32-126, are hereby recommended for registration:

Daugherty, Edwin F.	80-368
Feld, Marvin S.	80-232
McGann, Donald Kevin	80-110
Saurey, Paul D.	80-292
Everett, Brian A.	79-790
Neidigh, James Harrison	80-111
Reed, Larry C.	79-403

2. TONNESEN, WILLIAM DAVIS 80-275

Mr. Tonnesen appeared before the Committee for a Personal Audience and review of his code and rule examination. He appealed the Board's decision (Minute page. 4457) to hold him for the LAIT exams, and stated his view that he was qualified to take the professional exam in Landscape Architecture. The committee recommends the Board's decision be upheld.

Respectfully submitted



Wayne O. Earley  
Chairman



State of Arizona  
BOARD OF TECHNICAL REGISTRATION

04578

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS  
1645 W. JEFFERSON, SUITE 315 • PHOENIX, ARIZONA 85007 • (602) 255-4053

August 20, 1980

Mr. William D. Tonnesen  
Landscape Design Co.  
414 S. Mill Avenue 202A  
Tempe, AZ 85281

RE: Landscape Architect #80-275

Dear Mr. Tonnesen:

I have your request for an opportunity to address the Board regarding an appeal of the Landscape Architecture Committee's findings regarding your experience.

I will schedule this on the agenda of the regular September Board meeting to be held September 5, 1980 at Northern Arizona University, Flagstaff, Arizona, Room 206, College of Engineering.

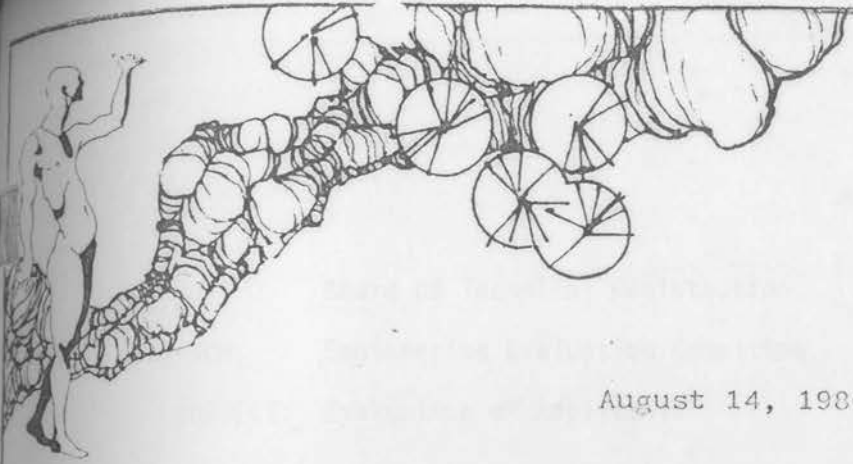
I will advise you of a specific time when the agenda has been completed.

Very truly yours,

F. Mark Edson  
Executive Director

ld

10:30 AM  
Letter 8/29/80



LANDSCAPE DESIGN CO.  
414 S. MILL AVENUE 202A  
TEMPE, ARIZONA 85281  
PHONE 602 • 968-1987

August 14, 1980

Mr. F. Mark Edson  
Executive Director  
Board of Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, AZ 85007

Dear Mr. Edson:

I would like to request a personal audience before the Board to reconsider my application for registration as a Landscape Architect. It is my sincere belief that given an opportunity to detail the specific character of my work, it would more appropriately be counted as experience in the area of Landscape Architecture rather than Landscape Contracting.

The Board has graciously accepted a portion of my experience and I believe they would reconsider my registration application if I were given an opportunity to demonstrate the comprehensive and technical nature of my background.

The object of my presentation is to show that because of it's design-build nature, my work uniquely qualifies as valid experience.

Sincerely,

W. D. TONNESSEN

William D. Tonnesen

WDT:lba

August 19, 1980

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

The Engineering Evaluation Committee of the Board met July 10 and 11, 1980 and August 7 and 8, 1980 in Phoenix, Arizona with the following members present:

July 10	Rod J. Gomez
July 11	William S. Gookin
August 7	William S. Gookin
August 8	William S. Gookin

The Committee reviewed the following applicants and makes to the Board the recommendations shown regarding registration in Arizona.

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

AGRICULTURAL ENGINEERING

Farmer, Jack Earl	80-382
-------------------	--------

CIVIL ENGINEERING

Abbott, Eileen Marie	80-306
Arana, Daniel Fred	80-263
Armstrong, John Thomas	80-379
Biegun, Charles	80-182
Bonar, Ronald L.	80-314
Brosman, David Roger	79-783
Buckland, Kenneth Arthur	80-148
Fujiwara, Tom T.	80-131
Gilbert, Paul Hammond	80-127
Greene, William D.	80-343
Grisham, Douglas Allan	80-305
Hoffman, Robert F.	80-259
Jahraus, Gary Eugene	80-304
Jimenez, Steven Argus	80-317
Kohns, Larry R.	80-357
Kolber, Thomas Julian	80-310
Landers, Robert Gaston	79-881
Lebsock, George William	80-358

CIVIL ENGINEERING - contd.

Lyon, Ted Hugh	80-130
McLean, Walter Reginald	80-255
Mann, Thomas Richard	80-188
Meier, Joseph H.	80-312
Miller, Charles Michael	80-309
Patel, Ramesh B.	80-218
Persing, James Elmer	80-295
Prouty, Salem Montgomery	80-340
Quinney, Patrick Donald	80-95
Rebok, Bruce Eugene	80-183
Richard, Michael Wayne	80-332
Sager, Richard A.	80-215
See-Tho, Kok Kwai	80-132
Simeon, Rolando M.	80-216
Smith, Marion Lee	80-181
Talbott, John Arthur	80-426
Wilson, Lawrence Edward, Jr.	80-315
Sotter, J. George	80-434

<u>ELECTRICAL ENGINEERING</u>	
Campbell, Newton Allen	80-385
Cieslik, Robert J.	80-468

continued....

ELECTRICAL ENGINEERING - contd .

Cluts, Samuel	80-413
Collins, Jack Tarpley	80-177
Hallis, Adel G.	80-325
Morris, Guy Vernon	80-279
Page, James (Jerry) M.	80-254
Tamjidi, Fred	80-57
Tso, Frank Yuan Cheng	80-103
Williams, Kenneth W.	80-293
Williamson, Warren L.	80-173

GEOLOGICAL ENGINEERING

Johnson, A. Morgan	80-227
--------------------	--------

MECHANICAL ENGINEERING

Chance, Philip N.	79-805
Corday, Cass	80-153
Dutton, Roger W.	80-365
Ghosh, Arabinda	80-249
Hansel, Eberhard C.	80-104
Hermann, Robert Alfred	80-212
Holland, John Gordon	80-211
Kambe, Tom J.	80-175
McCaffrey, John Edward	80-222
Pierce, Donald Allen	80-250
Sedillo, Patrick Michael	80-223
Shipway, George Donald	80-248
Sorenson, Paul David	80-288
Stahl, Erving John	79-700
Swauger, James W.	80-373

METALLURGICAL ENGINEERING

Chance, Philip N.	79-806
-------------------	--------

STRUCTURAL ENGINEERING

Blum, George H.	80-267
Bush, Lyman F.	80-299
Dale, Marc Alan	80-302
Davis, Leslie Norman	80-331
Ferguson, Kermit D.	80-431
Guinan-Blaney, John H.	80-180
Lai, James S.	80-344
Palma, Jose J.	80-157
Persing, James Elmer	80-296
Shaffer, John Michael	80-301

GEOLOGIST

Fellows, Larry D.	80-354
Shea, Michael Curtis	80-209

LAND SURVEYING

Gookin, William Scudder Sr.	80-328
Moore, Joe Page	80-192
Pawlaczyk, David	80-191

2. The Committee reviewed the files of the following applicants; and having determined that all requirements for in-training registration have been completed, recommends the following applicants for in-training registration:

ENGINEER-IN-TRAINING

Bouska, Steven John	80-133	Kienow, Karl Eric	79-185
Bozarth, Dwight Fontaine	80-02	Krall, George W.	78-55
Cagle, Donald Wayne	78-212	Montoya, Debra L. Cody	80-146
Cain, Byron	80-10	Nelson, Kenneth Jeffrey	79-218
Cureton, Dale Quentin	80-142	Oakley, Barbara Lynn	79-244
Dick, Kenneth S.	80-04	Palmer, James Stewart	78-246
Gellar, Jefty M.	80-47	Rockwell, Karl P.	78-249
Holmes, Susan	79-206	Russell, Michael Edward	78-255
Mitchell, Terry P.	80-132	Reinke, Pam E.	80-105

3. The following applicants, having appeared before the Committee for a personal audience interview, need demonstration of additional evidence of their proficiency (ARS 32-123.B), and it is recommended to the Board that these individuals be held for examination as indicated:

CIVIL ENGINEERING

Enright, Richard Andrew	80-278	Parts 3 & 4
Hensley, David Lee	79-816	Parts 3 & 4
Isaacson, Kenneth King	80-372	Parts 3 & 4
Lee, Sang Myung	80-217	Parts 1,2,3 & 4
Roberts, Steven Gerard	80-260	Parts 3 & 4
Small, George N.	80-361	Parts 3 & 4 (4/81 exams)
Stevenson, Bayard Taylor III	80-02	Parts 3 & 4
Tsang, Antony C.	80-338	Parts 3 & 4
Vyas, Manoj Navinchandra	80-362	Parts 3 & 4
Ward, Robert Lee	80-313	Parts 3 & 4

MINING ENGINEERING

Nelson, Lewis Roxlyn	80-298	Parts 3 & 4
----------------------	--------	-------------

STRUCTURAL ENGINEERING

Ayotte, Adrian Joseph	80-337	Parts 5 & 6
Campbell, Stephen James	80-44	Parts 5 & 6
Chavez, Phillip	80-178	Parts 5 & 6
Fistler, Merle Levi	80-185	Parts 5 & 6
Gunnin, Bill Lee	80-45	Parts 5 & 6
Isaac, Clark S.	80-19	Parts 5 & 6
Kile, Winston Eddie	80-300	Parts 5 & 6
Williams, James Michael	80-247	Parts 5 & 6

GEOLOGIST

Hix, Gary Lee	80-244	Parts 1,2,3 & 4
Johnson, Fred Maynard	80-145	Parts 3 & 4
Ross, Donald E.	80-396	Parts 1,2 & 3

continued...

MECHANICAL ENGINEERING

Bundy, David John, Jr.	80-251	Parts 3 & 4
Ferri, Mark S.	80-367	Parts 3 & 4

LAND SURVEYING

* Allan, Barry	80-142	Part 4
* Barnett, Sammy S.	80-326	Part 4
* Deck, Charles R.	80-430	Part 4
* Dubron, Arthur Lewis	80-207	Part 4
* Fletcher, Charles Otis	80-245	Part 4
* Gerrow, Mahlon Llewellyn II	80-370	Part 4
Haywood, George Michael	80-229	Parts 1,2,3 & 4
Hosman, Paul Stuart	80-161	Parts 1,2,3 & 4
Lux, Phillip Gregory	80-347	Parts 1,2,3 & 4
* Neitz, Walter L.	80-160	Part 4
* Parker, Richard Louis	80-376	Part 4
* Plummer, Elmer J.	80-159	Part 4
* Risenhoover, Edgar Loren	80-96	Part 4
* Robertson, Gary O.	80-82	Part 4
Thomas, William Arthur II	80-445	Parts 1,2,3 & 4

4. The following applicants appeared before the Committee, and it was determined that their applications should be denied for lack of experience of a character satisfactory to the Board under A.R.S. 32-122.A, with a refund as shown:

Curtis, Thomas Eugene	80-360
Ochotorena, Martin Ballesteros	80-266

5. The following applicants, having been advised of additional requirements for registration and having failed to respond to correspondence, are hereby recommended to the Board for denial of their applications for failure to complete the requirements of the Board within a reasonable length of time:

Kameoka, Yohji	79-760	Chemical Engineer
----------------	--------	-------------------

6. The following applicants have requested withdrawal of their applications:

Ketchum, Ronald Eugene	80-39	Electrical Engineer
Kohn, Robert D.	80-246	Land Surveyor
Loy, LeRoy David, Jr.	80-46	Civil Engineer
Meeks, John Eugene	80-149	Civil Engineer
Patrick, Perry Cooper, Jr.	80-88	Civil Engineer
Woodson, Mark Winter	80-261	Civil Engineer



7. BLACKMON, JULIUS LEMAY, 78-598

The Committee reconsidered denial of Mr. Blackmon's application and he was informed that he had to appear at the August Evaluation Committee Meeting. Mr. Blackmon did not appear. Mr. Blackmon's letter is shown on Page 4628. It is recommended that Mr. Blackmon's application be denied for failure to complete the requirements.

8. O'NEAL, DEL, 79-294

Mr. O'Neal has requested review of April 1980, Part 2, of the Land Surveying examination. Executive Director has reviewed and indicated Mr. O'Neal received a passing grade of 72% as opposed to original failing grade of 68%. It is recommended that Mr. O'Neal be granted registration.

9. FERNANDEZ, FERNANDO DURAN, 80-34

Mr. Fernandez was registered by examination in the Phillipines in 1960, and has a MSCE from University of Kentucky in 1977. He has a total of 17 3/4 years of education and experience. Mr. Fernandez requested acceptance of his examination credit in the Phillipines and registration by comity. He passed an EIT exam in Kentucky in 1979. The file contains verification of good standing from the Kentucky Board, which came after the Committee review of his file. Committee recommends he be granted registration.

## 10. The Committee refers the following applicants to the Board for review and action. Both applicants request examination waivers.

80-214 CE	Baldwin, Elvin Ronald
80-316 CE	Stirnitzke, Robert Eugene

11. BUXTON, LAWRENCE A., 76-208

Mr. Buxton requests reconsideration of a failing examination score in Part IV of the CE Exam April 80 (65). Mr. Buxton was held for 4 parts of the CE Exam in November 1976, and has passed Parts 1, 2, & 3. He has taken Part 4, 3 times as of April 80. Committee referred this to the Board for review and action.

12. GOOKIN, WILLIAM S., SR. (Land Surveyor) 80-328

This application is referred to the Board for review and action. There was not sufficient members at the Committee level to make a recommendation.

04585

ARIZONA  
PROFESSIONAL  
LAND  
SURVEYORS

1978

# ARIZONA PROFESSIONAL LAND SURVEYORS POLITICAL AFFAIRS COMMITTEE

P. O. Box 35161 • Phoenix, Arizona 85069

September 3, 1980

Mark Edson, Executive Director  
ARIZONA STATE BOARD OF TECHNICAL  
REGISTRATION  
1645 West Jefferson Street  
Phoenix, Arizona

Dear Mark:

In a recent meeting, we refined our Land Surveyors act  
in an attempt to reduce possible resistance by Engineers.

Please use the updated copy for your September 5, 1980  
Board meeting.

If you have any questions in regard to this matter, please  
call 242-6229. Thank you.

Sincerely,



J.L. Andrews  
Chairman  
APLS/PAC

JLA:bem

Enclosure

Amended Draft  
Folder #43  
8/28/80

*Edson*  
04586

REFERENCE TITLE: land surveyors

State of Arizona  
Senate  
Thirty-fifth Legislature  
First Regular Session  
1981

S.B. \_\_\_\_\_

Introduced by \_\_\_\_\_

AN ACT

RELATING TO PROFESSIONS AND OCCUPATIONS; PRESCRIBING DEFINITIONS OF LAND SURVEYOR, LAND SURVEYOR-IN-TRAINING AND PRACTICE OF LAND SURVEYING; PRESCRIBING QUALIFICATIONS OF APPLICANTS; PRESCRIBING CONDITIONS FOR ENGINEERS TO REGISTER AS LAND SURVEYORS, AND AMENDING SECTIONS 32-101 AND 32-122, ARIZONA REVISED STATUTES.

- 1 Be it enacted by the Legislature of the State of Arizona:  
2 Section 1. Section 32-101, Arizona Revised Statutes, is amended to  
3 read:  
4 32-101. Purpose; definitions  
5 A. The purpose of this chapter is to provide for the safety, health  
6 and welfare of the public through the promulgation and enforcement of  
7 standards of qualification for those individuals licensed and seeking  
8 licenses pursuant to this chapter.  
9 B. In this chapter, unless the context otherwise requires:  
10 1. "Architect" means a person who, by reason of his knowledge of the  
11 mathematical and physical sciences, and the principles of architecture and  
12 architectural engineering acquired by professional education and practical  
13 experience, is qualified to engage in the practice of architecture as  
14 attested by his registration as an architect.  
15 2. "Architect-in-training" means a candidate for registration as a  
16 professional architect who is a graduate of a school approved by the board  
17 as of satisfactory standing or who has experience as outlined in the  
18 current standards of the national council of architectural registration  
19 boards in architectural work of a character satisfactory to the board. In  
20 addition, the candidate shall have successfully passed the examination in  
21 the basic architectural subjects. Upon completion of the requisite years

1 of training and experience in the field of architecture under the  
2 supervision of a professional architect satisfactory to the board, the  
3 architect-in-training shall be eligible for the second stage of the  
4 prescribed examination for registration as a professional architect.

5 3. "Architectural practice" means any service or creative work  
6 requiring architectural education, training and experience, and the  
7 application of the mathematical and physical sciences and the principles  
8 of architecture and architectural engineering to such professional  
9 services or creative work as consultation, evaluation, design and review  
10 of construction for conformance with contract documents and design, in  
11 connection with any building, planning or site development. A person shall  
12 be deemed to practice or offer to practice architecture who in any manner  
13 represents himself to be an architect, or holds himself out as able to  
14 perform any architectural service or other services recognized by  
15 educational authorities as architecture.

16 4. "Assayer" means a person who analyzes metals, ores, minerals,  
17 or alloys in order to ascertain the quantity of gold or silver or any other  
18 substance present in them.

19 5. "Board" means the state board of technical registration.

20 6. "Engineer" means a professional engineer who, by reason of  
21 special knowledge of the mathematical and physical sciences and the  
22 principles and methods of engineering analysis and design, acquired by  
23 professional education and practical experience, is qualified to practice  
24 engineering as attested by his registration as a professional engineer.

25 7. "Engineering practice" means any professional service or  
26 creative work requiring engineering education, training and experience and  
27 the application of special knowledge of the mathematical, physical and  
28 engineering sciences to such professional services or creative work as  
29 consultation, research investigation, evaluation, planning, surveying,  
30 design, location, development,— and review of construction for conformance  
31 with contract documents and design, in connection with any public or  
32 private utility, structure, building, machine, equipment, process, work or  
33 project. Such services and work include plans and designs relating to the  
34 location, development, mining and treatment of ore and other minerals. A  
35 person shall be deemed to be practicing or offering to practice engineering  
36 if he practices any branch of the profession of engineering, or by verbal  
37 claim, sign, advertisement, letterhead, card or any other manner  
38 represents himself to be a professional engineer, or holds himself out as  
39 able to perform or does perform any engineering service or other service or  
40 recognized by educational authorities as engineering. A person employed  
41 on a full-time basis as an engineer by an employer engaged in the business  
42 of developing, mining and treating ores and other minerals shall not be  
43 deemed to be practicing engineering for the purposes of this chapter if he  
44 engages in the practice of engineering exclusively for and as an employee  
45 of such employer and does not hold himself out and is not held out as  
46 available to perform any engineering services for persons other than his  
47 employer. THE PRACTICE OF ENGINEERING SHALL NOT INCLUDE LAND SURVEYING  
48 AS DEFINED IN THIS ACT.

49 8. "Engineer-in-training" means a candidate for registration as a  
50 professional engineer who is a graduate in an approved engineering

1 curriculum of four years or more of a school approved by the board as of  
2 satisfactory standing, or who has had four years or more of experience in  
3 engineering work of a character satisfactory to the board, and, in  
4 addition, has successfully passed the examination in the basic engineering  
5 subjects, and who, upon completion of the requisite years of training and  
6 experience in engineering under the supervision of a professional engineer  
7 satisfactory to the board, is eligible for the second stage of the  
8 prescribed examination for registration as a professional engineer.

9 9. "Geological practice" means any professional service or work  
10 requiring geological education, training, and experience, and the  
11 application of special knowledge of the earth sciences to such  
12 professional services as consultation, evaluation of mining properties,  
13 petroleum properties, and ~~ground-water~~ GROUNDWATER resources,  
14 professional supervision of exploration for mineral natural resources  
15 including metallic and nonmetallic ores, petroleum, and ~~ground-water~~  
16 GROUNDWATER, and the geological phases of engineering investigations.

17 10. "Geologist" means a person, not of necessity an engineer, who by  
18 reason of his special knowledge of the earth sciences and the principles  
19 and methods of search for and appraisal of mineral or other natural  
20 resources acquired by professional education and practical experience is  
21 qualified to practice geology as attested by his registration as a  
22 professional geologist. A person employed on a full-time basis as a  
23 geologist by an employer engaged in the business of developing, mining or  
24 treating ores and other minerals shall not be deemed to be engaged in  
25 "geological practice" for the purposes of this chapter if he engages in  
26 geological practice exclusively for and as an employee of such employer and  
27 does not hold himself out and is not held out as available to perform any  
28 geological services for persons other than his employer.

29 11. "Geologist-in-training" means a candidate for registration as a  
30 professional geologist who is a graduate of a school approved by the board  
31 as of satisfactory standing or who has had four years or more of experience  
32 in geological work of a character satisfactory to the board. In addition,  
33 the candidate shall have successfully passed the examination in the basic  
34 geology subjects. Upon completion of the requisite years of training and  
35 experience in the field of geology under the supervision of a professional  
36 geologist satisfactory to the board, the geologist-in-training shall be  
37 eligible for the second stage of the prescribed examination for  
38 registration as a professional geologist.

39 12. "Landscape architect" means a person who, by reason of his  
40 professional education, practical experience, or both, is qualified to  
41 engage in the practice of landscape architecture as attested by his  
42 registration as a landscape architect.

43 13. "Landscape architect-in-training" means a candidate for  
44 registration as a professional landscape architect who is a graduate of a  
45 school approved by the board as of satisfactory standing or who has had  
46 four years or more of experience in landscape architectural work of a  
47 character satisfactory to the board. In addition, the candidate shall have  
48 successfully passed the examination in the basic landscape architectural

1 subjects. Upon completion of the requisite years of training and  
2 experience in the field of landscape architecture under the supervision of  
3 a professional landscape architect satisfactory to the board, the  
4 landscape architect-in-training shall be eligible for the second stage of  
5 the prescribed examination for registration as a professional landscape  
6 architect.

7 14. "Landscape architectural practice" means the performance of  
8 professional services such as consultations, investigation,  
9 reconnaissance, research, planning, design, or responsible supervision in  
10 connection with the development of land and incidental water areas where,  
11 and to the extent that the dominant purpose of such services is the  
12 preservation, enhancement or determination of proper land uses, natural  
13 land features, ground cover and planting, naturalistic and esthetic  
14 values, the settings and approaches to buildings, structures, facilities,  
15 or other improvements, natural drainage and the consideration and the  
16 determination of inherent problems of the land relating to erosion, wear  
17 and tear, light or other hazards. This practice shall include the location  
18 and arrangement of such tangible objects and features as are incidental and  
19 necessary to the purposes outlined in this paragraph, but shall not include  
20 the making of cadastral surveys or final land plats for official recording  
21 or approval, nor mandatorially include planning for governmental  
22 subdivisions.

23 15. "Land surveyor" means a person who engages in the practice of  
24 surveying tracts of land for the determination of their correct locations,  
25 areas, boundaries, and description, for the purpose of conveyancing and  
26 recording, or for establishment or re-establishment of boundaries and  
27 plotting of lands and subdivisions IS A SPECIALIST IN THE TECHNIQUE OF  
28 MEASURING LAND, EDUCATED IN THE PRINCIPLES OF MATHEMATICS AND THE RELATED  
29 SCIENCES, EXPERIENCED IN THE APPLICATIONS OF THE PRINCIPLES OF MATHEMATICS  
30 AND THE RELATED SCIENCES, UNDERSTANDS THE RELEVANT REQUIREMENTS OF LAW FOR  
31 THE PRESENTATION OF ADEQUATE EVIDENCE RELATING TO PROPERTY DESCRIPTIONS  
32 AND THE SURVEYING OF REAL PROPERTY, ENGAGED IN THE PRACTICE OF LAND  
33 SURVEYING AND WHO HOLDS A VALID CERTIFICATE TO PRACTICE LAND SURVEYING IN  
34 THIS STATE.

35 16. "LAND SURVEYOR-IN-TRAINING" MEANS A CANDIDATE FOR REGISTRATION  
36 AS A PROFESSIONAL LAND SURVEYOR WHO IS A GRADUATE OF A SCHOOL APPROVED BY  
37 THE BOARD, OR WHO HAS HAD FOUR YEARS OR MORE OF EXPERIENCE IN LAND  
38 SURVEYING WORK OF A CHARACTER SATISFACTORY TO THE BOARD. IN ADDITION, THE  
39 CANDIDATE MUST SUCCESSFULLY PASS THE TWO PART EXAMINATION IN THE BASIC LAND  
40 SURVEYING TECHNIQUES. UPON COMPLETION OF THE REQUISITE YEARS OF TRAINING  
41 AND EXPERIENCE IN THE FIELD OF LAND SURVEYING, UNDER THE SUPERVISION OF A  
42 REGISTRANT OR A QUALIFIED EXEMPTED PERSON WHO IS SATISFACTORY TO THE BOARD,  
43 THE LAND SURVEYOR-IN-TRAINING IS ELIGIBLE FOR THE SECOND STAGE OF THE  
44 PRESCRIBED EXAMINATION FOR REGISTRATION AS A PROFESSIONAL LAND SURVEYOR.

45 17. "PRACTICE OF LAND SURVEYING" MEANS THE PERFORMANCE OF  
46 PROFESSIONAL WORK AND SERVICES SUCH AS CONSULTATION, RESEARCH, LAND  
47 PLANNING, PREPARATION OF DRAWINGS, AND LAND DESCRIPTIONS, IN CONNECTION  
48 WITH THE USE AND DEVELOPMENT OF LAND.

1 ADDITIONALLY, THE PRACTICE OF LAND SURVEYING INCLUDES THE ACT OF  
 2 MEASURING, LOCATING, ESTABLISHING OR RE-ESTABLISHING CORNERS, LINES,  
 3 BOUNDARIES, ANGLES, ELEVATIONS, CONTOURS AND NATURAL AND MAN-MADE FEATURES  
 4 IN THE AIR, ON THE SURFACE OF THE EARTH, WITHIN UNDERGROUND WORKINGS AND ON  
 5 THE BEDS OF BODIES OF WATER FOR THE PURPOSE OF MONUMENTING OR  
 6 RE-MONUMENTING LAND BOUNDARIES AND FOR THE PRELIMINARY AND FINAL FLATTING  
 7 OF LAND SUBDIVISIONS INCLUDING TOPOGRAPHY AND THE PREPARATION AND  
 8 PERPETUATION OF MAPS, PLATS, FIELD NOTE RECORDS AND LAND DESCRIPTIONS THAT  
 9 REPRESENT SUCH SERVICE OR WORK. THE PRACTICE OF LAND SURVEYING DOES NOT  
 10 INCLUDE THE DESIGN, EITHER IN WHOLE OR IN PART, OF ANY STRUCTURE OR FIXED  
 11 WORKS EMBRACED IN THE PRACTICE OF PROFESSIONAL ENGINEERING. THIS  
 12 PARAGRAPH SHALL NOT BE CONSTRUED TO PROHIBIT A LICENSED ENGINEER,  
 13 ARCHITECT OR LANDSCAPE ARCHITECT FROM DOING ANY WORK INCLUDED IN HIS  
 14 RESPECTIVE PRACTICE IF SUCH WORK DOES NOT INVOLVE THE ESTABLISHMENT OR  
 15 RE-ESTABLISHMENT OF PROPERTY CORNERS OR PROPERTY LINES OR THE WRITING OF  
 16 LAND DESCRIPTIONS.

17 Sec. 2. Section 32-122, Arizona Revised Statutes, is amended to  
 18 read:

19 32-122. Qualifications of applicant

20 A. An applicant for registration as an architect, engineer,  
 21 geologist, ~~or~~ landscape architect OR LAND SURVEYOR shall be of good moral  
 22 character and repute,— and shall have engaged actively for at least eight  
 23 years in architectural, engineering, geological, ~~or~~ landscape  
 24 architectural OR LAND SURVEYING education and experience which meets  
 25 standards specified by the board in its rules and regulations, but each  
 26 year of teaching architectural, engineering, geological, ~~or~~ landscape  
 27 architectural OR LAND SURVEYING subjects or of study satisfactorily  
 28 completed in an architectural, engineering, geological, ~~or~~ landscape  
 29 architectural OR LAND SURVEYING school approved by the board up to a  
 30 maximum of five years may be considered equivalent to one year of active  
 31 engagement.

32 B. An applicant for registration as an assayer ~~or a land surveyor~~  
 33 shall be of good moral character and repute and shall have engaged actively  
 34 for at least six years in assaying ~~or land surveying~~ education and  
 35 experience which meets standards specified by the board in its rules and  
 36 regulations, but each year of teaching assaying ~~or land surveying~~ or of  
 37 study satisfactorily completed in a school approved by the board, up to a  
 38 maximum of four years, may be considered equivalent to one year of active  
 39 engagement.

40 Sec. 3. Current registrants

41 A. ANY REGISTERED PROFESSIONAL ENGINEER OR AN ENGINEER EXEMPT UNDER  
 42 SECTION 32-144, ARIZONA REVISED STATUTES, WHO HAS ACTIVELY PRACTICED LAND  
 43 SURVEYING AS DEFINED IN SECTION 32-101, ARIZONA REVISED STATUTES, MAY,  
 44 WITHIN SIX MONTHS OF THE EFFECTIVE DATE OF THIS ACT, APPLY TO THE BOARD FOR  
 45 EXAMINATION TO PRACTICE WITHIN THE DISCIPLINE OF LAND SURVEYING. THE BOARD  
 46 SHALL DETERMINE, UNDER ITS RULES, THE QUALIFICATIONS OF THE APPLICANT AND  
 47 THOSE PORTIONS OF THE EXAMINATION THE APPLICANT MUST COMPLETE, IF ANY.  
 48 WITHIN EIGHTEEN MONTHS OF THE EFFECTIVE DATE OF THIS ACT, AN APPLICANT MUST  
 49 SUCCESSFULLY COMPLETE ALL STATUTORY AND BOARD IMPOSED REQUIREMENTS.

1. B. A REGISTRANT WHO IS ALSO AN APPLICANT FOR REGISTRATION AS A LAND  
2 SURVEYOR SHALL NOT PRACTICE LAND SURVEYING AS DEFINED IN SECTION 32-101,  
3 ARIZONA REVISED STATUTES, BEYOND EIGHTEEN MONTHS FROM THE EFFECTIVE DATE  
4 OF THIS ACT WITHOUT BEING REGISTERED AS A LAND SURVEYOR.

5 Sec. 4. INTENT REGARDING TERMINATION

6 NOTWITHSTANDING THE PROVISIONS OF THIS ACT, THE LEGISLATURE INTENDS  
7 THAT IF THE PROVISIONS OF TITLE 41, CHAPTER 20, ARIZONA REVISED STATUTES,  
8 OPERATE TO TERMINATE AN AGENCY, ANY PROVISIONS REGARDING POWERS, DUTIES,  
9 FUNCTIONS OR PERSONNEL ADDED OR AMENDED BY THIS ACT TERMINATE ON THE DATE  
10 OF TERMINATION OF THE PARTICULAR AGENCY.



TUCSON SECTION, ARIZONA CHAPTER  
**AMERICAN SOCIETY OF LANDSCAPE ARCHITECTS**  
P. O. BOX 27627 TUCSON, ARIZONA 85726

August 22, 1980

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

Attention: Mr. F. Mark Edson

RE: A.S.L.A. RECOMMENDATIONS FOR ADDITIONS TO 32-144 Exemption and Limitations.

Dear Mr. Chairman,

Upon request from the State Board of Technical Registration, the Arizona Chapter of the American Society of Landscape Architects as representatives of the registered landscape architects in Arizona, respectfully present our recommendations for additional exemptions and limitations in regard to the issue of landscape contractors engaging in design work.

Consistent with our views expressed in the recent Sunset Legislation Review Process, the landscape architects of Arizona have no desire to limit competition in the field of landscape design. However, we do seek to clarify and define the areas which directly involve the public health, safety, and welfare and therefore require registration. Pursuant to that goal, we present the following:

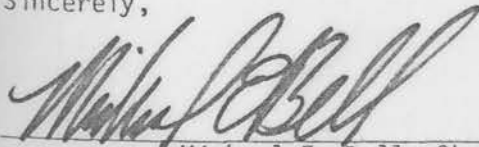
32-144 Exemptions and Limitations

A-3 Add the words "or site development plans" so as to read:

...or who design a single family dwelling or addition or alterations or site development plans to such dwelling.

A-6 (New Exemption) A contractor licensed pursuant to Classifications A-21, C-26, C-44, who provides their own drawings for their own construction activities provided that the drawings do not involve the use of public lands or public rights of way, whether dedicated or to be dedicated, through the development process, which involve issues of public health, safety, and welfare and further the drawings do not involve major site grading, site drainage, site structures, or site circulation patterns which are used by the public.

Sincerely,



Michael E. Bell, Chairman  
Southern Arizona Section of the  
American Society of Landscape Architects



cc: V. Calva, L. Brady, A. Gross, J. Harlow, D. Lambert

J. ELLIOTT HIBBS  
DIRECTOR



04593 File 80-396

BRUCE BABBITT  
GOVERNOR

## Arizona Department of Revenue

CAPITOL BUILDING  
1700 W. WASHINGTON  
PHOENIX, ARIZONA 85007

August 26, 1980

Mr. Mark Edson  
AZ State Board of Technical Registration  
1645 West Jefferson  
Phoenix, AZ 85007

Re: Appeal of Engineering Evaluation Committee Decision Requiring Me to  
Take the Basic Geology Examination Parts I and II.

Dear Mr. Edson:

I have reviewed the proposed rules produced by the special meeting of the State Board of Technical Registration held on August 1, 1980. Part 6, Section B-2-D states essentially that the Board may waive the Fundamentals of Geology examination for applicants who are geology graduates, have ten years experience and have demonstrated professional competence.

I have given testimony for the Arizona Supreme Court, have 14 years experience, have worked in industry and government in responsible positions, currently have responsibility for determining the value of each producing mine in Arizona, and hold a Bachelor of Science degree in Geology. Therefore, I feel that I should be allowed to waive the elementary portion (Parts I and II) of the geology examination for registration.

Thank you for your consideration in this matter.

Sincerely yours,

AZ DEPARTMENT OF REVENUE  
CENTRALLY VALUED PROPERTIES

A handwritten signature in cursive script, appearing to read "Donald E. Ross".

Donald E. Ross  
Mineral Property Appraiser  
2226 East Sunnyside Drive  
Phoenix, AZ 85028

OK

Letter & call 9/2/80

REGISTRATION DENIED

It was moved by Mr. Gookin and seconded by Mr. Riggs that the applicants listed below be denied registration for lack of experience of a character satisfactory to the Board under A.R.S. 32-122 A with refunds as shown.

Curtis, Thomas Eugene	80-360	Civil Engineer
Ochotorena, Martin Ballesteros	80-266	Mechanical Engineer

It was moved by Mr. Gookin and seconded by Mr. Riggs that the applicants listed below be denied with neither prejudice nor refund at their own request.

Doerschlag, Wolfgang	80-105	Architect
Ketchum, Ronald Eugene	80-039	Electrical Engineer
Kohn, Robert D.	80-246	Land Surveyor
Loy, LeRoy David Jr.	80-046	Civil Engineer
Meeks, John Eugene	80-149	Civil Engineer
Patrick, Perry Cooper, Jr.	80-88	Civil Engineer
Woodson, Mark Winter	80-261	Civil Engineer

It was moved by Mr. Gookin and seconded by Mr. Riggs that the applicants listed below be denied for failure to complete the requirements of the Board within a reasonable length of time.

Kameoka, Yohji	79-760	Chemical Engineer
Blackmon, Julius Lemay	78-598	Civil Engineer

It was moved by Mr. Nunn and seconded by Mr. Gookin that the applicants listed below, having completed the personal audience and all other requirements of this Board, be granted professional registration and assigned the registration numbers as indicated. Motion carried.

ARCHITECT

Achey, Richard Henry	13194
Anderson, Richard	13195
Arburn, Robert William	13196
Bailey, Jack McGear	13197
Bender, Ralph Clifford	13198
Bergseth, Thomas Lyle	13199
Breitweiser, Alvah Paul	13200
Burns, Arthur L.	13201
Christensen, Danny Dale	13202
Clarke, Ernest Parrish	13203
Conner, James Neal Jr.	13204
Coracides, Basilio B.	13205
Doolan, James Joseph	13206
Eaton, Bruce Edward	13207
Eckstut, Stanton	13208
Famous, George W.	13209
Frost, Marc Cahill	13210
Garapich, Gerald	13211
Golemon, Harry Abbott	13212
Gourley, Ronald	13213
Harrison, Robert Vernon M	13214
Hoppin, Carolyn Ploeger	13215
Houghton, Jack Edward	13216
Islam, Md. Rafiqul	13217
Jones, Michael Richard	13218
Lisi, Robert Wilson	13219
McCormick, Edward Earl	13220
McVay, Wayne	13221
Mayoras, Douglas Allen	13222
Mazziotti, Vincent G.	13223
Miles, Brian Dale	13224
Miller, James W.	13225
Nickum, Richard Leroy	13226
Nimmer, Peter	13227
Pesce, Robert J.	13228
Reigle, Richard Michael	13229
Sasonoff, Alexander George	13230
Silverman, Charles	13231

Smith, Ragnar	13232
Soldan, Kenneth Alden	13233
Trice, Glenn Eugene	13235
Wald, Donald F.L.	13236
Zettel, William Melvin	13237
Zinn, Dobby Lloyd	13238
Ziskind, David Miles	13239

LANDSCAPE ARCHITECT

Daugherty, Edwin F.	13240
Everett, Brian A.	13241
Feld, Marvin S.	13242
McGann, Donald Kevin	13243
Neidigh, James Harrison	13244
Reed, Larry C.	13245
Saurey, Paul D.	13246

AGRICULTURAL ENGINEER

Farmer, Jack Earl	13247
-------------------	-------

CIVIL ENGINEER

Abbott, Eileen Marie	13248
Arana, Daniel Fred	13249
Armstrong, John Thomas	13250
Biegun, Charles	13251
Bonar, Ronald L.	13252
Brosman, David Roger	13253
Buckland, Kenneth Arthur	13254
Fujiwara, Tom T.	13255
Gilbert, Paul Hammond	13256
Greene, William D.	13257

CIVIL ENGINEERING (contd)

Grisham, Douglas Allan	13258
Hoffman, Robert F.	13259
Jahraus, Gary Eugene	13260
Jimenez, Steven Argus	13261
Kohns, Larry R.	13262
Kolber, Thomas Julian	13263
Landers, Robert Gaston	13264
Lebsock, George William	13265
Lyon, Ted Hugh	13266
McLean, Walter Reginald	13267
Mann, Thomas Richard	13268
Meier, Joseph H.	13269
Miller, Charles Michael	13270
Patel, Ramesh B.	13271
Persing, James Elmer	13272
Prouty, Salem Montgomery	13273
Quinney, Patrick Donald	13274
Rebok, Bruce Eugene	13275
Richard, Michael Wayne	13276
Sager, Richard A.	13277
See-Tho, Kok Kwai	13278
Simeon, Rolando M.	13279
Smith, Marion Lee	13280
Talbott, John Arthur	13281
Wilson, Lawrence Edward Jr.	13282
Fernandez, Fernando Duran	13234

CHEMICAL ENGINEER

Sotter, J. George	13283
-------------------	-------

ELECTRICAL ENGINEER

Campbell, Newton Allen	13284
Cieslik, Robert J.	13285
Cluts, Samuel	13286
Collins, Jack Tarpley	13287
Hallis, Adel G.	13288
Morris, Guy Vernon	13289
Page, James (Jerry) M.	13290
Tamjidi, Fred	13291
Tso, Frank Yuan Cheng	13292
Williams, Kenneth W.	13293
Williamson, Warren L.	13294

GEOLOGICAL ENGINEER

Johnson, A. Morgan	13295
--------------------	-------

MECHANICAL ENGINEER

Chance, Philip N.	13296
Corday, Cass	13297
Dutton, Roger W.	13298
Ghosh, Arabinda	13299
HanseI, Eberhard C.	13300
Hermann, Robert Alfred	13301
Holland, John Gordon	13302
Kambe, Tom J.	13303
McCaffrey, John Edward	13304
Pierce, Donald Allen	13305
Sedillo, Patrick Michael	13306
Shipway, George Donald	13307
Sorensen, Paul David	13308
Stahl, Erving John	13309
Swauger, James W.	13310

METALLURGICAL ENGINEER

Chance, Philip N.	13311
-------------------	-------

STRUCTURAL ENGINEER

BTum, George H.	13312
Bush, Lyman F.	13313
Dale, Marc Alan	13314
Davis, Leslie Norman	13315
Ferguson, Kermit D.	13316
Guinan-Blaney, John H.	13317
Lai, James S.	13318
Palma, Jose J.	13319
Persing, James Elmer	13320
Shaffer, John Michael	13321

GEOLOGIST

Fellows, Larry D.	13322
Shea, Michael Curtis	13323

LAND SURVEYOR

Gookin, William Scudder, Sr.	13324
Moore, Joe Page	13325
Pawlaczyk, David	13326
O'Neal, Del	13327

GRANTED REGISTRATION

04597

It was moved by Mr. Riggs seconded by Mr. Gomez that the applicants for in-training registration shown below, having satisfactorily completed the written examinations and all other requirements of the Board, be granted in-training registration and assigned the in-training registration numbers as indicated. Motion carried.

ARCHITECT-IN-TRAINING

Baldinger, Ilan L.	318
Bartlett, Joseph H.	319
Bollogh, Richard W.	320
Davidson, Stephen Richard	321
Deardorff, Robert L.	322
Fender, David Robert	323
Hann, James K.	324
Harrison, John Stanley	325
Hoffmann, James	326
Kesler, Gerald R.	327
Lamb, Gary Allen	328
Lucchesi, Raymond John	329
McKittrick, Denis Brian	330
Martin, Gregg A.	331
Milburn, Michael Wayne	332
Ong, Curtis Dean	333
Pashkowski, Geoffrey Lynn	334
Ray, Duane Phillip	335
Sarela, Rahib S.	336
Slife, Curtis L.	337
Todd, Stephen Randall	338
Tyndall, Joseph A.	339
Vinson, Mark	340
Wong, Rodin Yin-Leung	341
Gajdorus, Carl 2nd	342
Markling, Gregory J.	343
Pian, Robert L.	344
Umberger, Martin Scot	345
Bartels, Kenneth C.	346

ENGINEER-IN-TRAINING

Davis, Barbara C.	2338
Digiovanni, Frank	2339

ENGINEER-IN-TRAINING

Bouska, Steven John	2319
Bozarth, Dwight Fontaine	2320
Cagle, Donald Wayne	2321
Cain, Byron	2322
Cureton, Dale Quentin	2323
Dick, Kenneth S.	2324
Gellar, Jefty M.	2325
Holmes, Susan	2326
Kienow, Karl Eric	2327
Krall, George W.	2328
Montoya, Debra L. Cody	2329
Nelson, Kenneth Jeffrey	2330
DeWeese, Barbara L. Oakley	2331
Palmer, James Stewart	2332
Reinke, Pam E.	2333
Rockwell, Karl P.	2334
Russell, Michael Edward	2335
Mitchell, Terry P.	2336
Silverman, Howard Steven	2337

04598

Hold this  
for Capt S  
P&S Intg -  
Re  
"Growth" list

966-6766

946 E. Manhattan  
Tempe, Arizona 85282  
August 22, 1980

Mark Edson, Director  
State Board of Technical Registration  
1645 W. Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mr. Edson,

I wish to file a formal complaint against Brian Spencer, architect on charges of gross negligence and incompetence. The following will outline incidents to support this charge.

My first contact with Mr. Spencer was February 1, 1980. I was seeking an architect to design an energy efficient home which incorporated passive solar heating. Schoenberger Architects had been recommended to me for such a project. When I reached Schoenberger's firm Mr. Spencer was who I talked to. After describing the project to him we agreed to meet the following day, February 2, 1980 at my home for further discussions. I requested plans for a home that was to cost approximately \$50,000 to build and contain about 1800 sq. ft. Further, the design was to be simple enough to accommodate my inexperience in construction and permit parts to be built myself. He agreed to take the project for a fee of \$3,000. While this figure is lower than current standards, he planned to work out side his office on his own time. We signed a formal contract on February 20, 1980, at which time he presented me with very rough sketches of his ideas. (A \$300 retainer was paid at that time.)

At the time of signing the contract, I explained to him that I wanted all working drawings ready by June 1, 1980 so that I may begin construction then. Meeting this deadline was heavily stressed. I am a school teacher and planned to subcontract most of the work during my free summer. Mr. Spencer indicated that the deadline would be no difficulty.

During the months of constructing plans, Mr. Spencer was less than reliable and dependable. Of the ten appointments scheduled after the contract was signed, Mr. Spencer kept only six on the scheduled date. Three appointments were not kept at all, with no notice of cancellation. Further, Mr. Spencer rarely arrived on time. He was generally at least an hour late.

Most of the appointments were initiated by myself when I was able to reach him. I frequently left messages at his office and home with perhaps only 50% response. On at least two occasions, when attempts were made to contact him at his office, they had no idea of his whereabouts. The response made by his office indicated they also may have found him unreliable.

Mr. Mark Edson  
August 22, 1980  
Page 2

The point of total frustration began with a scheduled appointment of August 10, 1980 at 10:00 A.M. At 11:30 A.M. Mr. Spencer called and rescheduled for 7:30 P.M. Mr. Spencer never arrived and has not been heard from since. Just prior to the meeting I informed him that I now was financially ready to begin construction and thus needed all completed working plans. He claimed they were ready. On August 20, 1980 a partial set of plans were sent to my home by messenger. I have tried repeatedly since August 10 to reach Mr. Spencer and left many messages but all have been ignored.

Perhaps the most glaring instance of technical incompetence of Mr. Spencer's lay in the basic design of the house. His assignment was to deploy a passive system for heating the home. We decided jointly to use a modified tromble wall. He designed one that was four feet high and about fifteen feet long. It was placed ten feet from the light emitting window. When I questioned him about its placement, he assured me it would function fine at that distance. I recently examined it more closely. When protracting the angle at which the lowest noon sun in the winter would strike the wall I discovered the sun would have to be  $22^{\circ}$ . According to tables on page 214 of Sun Earth by Richard L. Crowther, the December 21 sun is only  $33^{\circ}$  at noon. The conclusion is that the sun would only strike the wall at early morning and late afternoon, times when it would have little effect.

On July 7, 1980 I requested from Mr. Spencer footing and foundation plans with topographical elevations shown. I decided it would be wise to start taking excavation bids. I was given the plans a week later and began taking bids. The excavating contractors all but laughed at me due to the inaccuracy and incompleteness of the elevations. Accuracy of elevations was critical for the Fountain Hills lot as it has many contours.

For all home construction in Fountain Hills the plans must be approved by the Architecture Committee. Mr. Spencer scheduled an appointment for me to go before the committee on July 24, 1980. The secretary had outlined to him all the requirements before approval could be granted. They informed him he must have the following in addition to a full set of plans:

1. Color scheme of the house exterior.
2. Solar collector placement.
3. Total area of house.
4. Window frame materials.
5. Finished grade lines.
6. Paving materials.
7. A letter of intent for landscaping.
8. Plans were to be submitted a day prior to the committee meeting.

Mr. Spencer furnished none of these. Consequently I received only a conditional approval by his lack of proper preparation.



Mr. Mark Edison  
August 22, 1980  
Page 3

At a July meeting with Mr. Spencer we discussed design changes on the floor plans. Not being pleased with several features I outlined seven areas I wanted changed. Later plans revealed a disregard for five of these requests. Due to his lack of communication I was never able to discuss this with him.

In conclusion, I have given up all hopes to even start construction before next summer due to Mr. Spencers failures. I currently do not have workable plans to build with even if time were not a factor. He has cost me money not only for unusable plans that do not meet my original specifications but in increased construction costs caused by inflation for a later construction date.

I request the board to give fair analysis to my problem and provide a just resolution. I have absolutely no desire for Mr. Spencer to continue. I have lost all faith and confidence in his abilities.

Sincerely,



Kenneth R. Johnson

STATE OF ARIZONA  
BUDGET REQUEST FOR THE FISCAL YEAR 1981-1982

Budget Request Approved By \_\_\_\_\_ Signature CHAIRMAN OF THE BOARD Title \_\_\_\_\_ Date \_\_\_\_\_  
 Budget Request Prepared By F. MARK EDSON, EXECUTIVE DIRECTOR Phone 255-4053

Agency BOARD OF TECHNICAL REGISTRATION Fund Sources 90/10 AGENCY - ARS 32-109  
 Address 1645 WEST JEFFERSON, SUITE 315 TECHNICAL REGISTRATION FUND  
PHOENIX AZ 85007 21-396-000 (ACCT NO)  
 A.R.S. Citation TITLE 32, CHAPTER 1, AS AMENDED

RECEIPTS

Source of Revenue	Name of Fund	Actual 1979-1980	Estimated 1980-1981	Estimated 1981-1982
RENEWAL FEES & PENALTIES	-	132,092	*295,000	87,500
APPLICATION FEES	-	34,425	37,300	40,600
EXAMINATION FEES	-	34,388	38,600	42,300
MISCELLANEOUS FEES	-	488	11,600	13,500
	TOTALS	201,393	382,500	183,900
	10% TO GEN'L FUND	20,139	38,250	18,390
	90% TO TECH REG FUND (ACCT 21-396-000)	181,254	344,250	165,510

\* START OF TRIENNIAL RENEWAL SYSTEM (ARS)

STATE OF IOWA  
SOURCE AND DISPOSITION OF FUNDS

Agency BOARD OF TECHNICAL REGISTRATION

	1979-1980	1980-1981	1981-1982
<b>SOURCE OF FUNDS</b>			
Balance Forward From Prior Year (Specify) <u>TECH. REG. FUND. 71-396-000</u>	78,924	93,218	226,668
General Fund Appropriation . . . . .			
Other Appropriated Funds (Specify) . . . . .			
Federal Funds . . . . .			
Other Unappropriated Funds (Specify) . . . . .			
<u>90% OF TECH REG BOARD RECEIPTS (FR SCH. 1)</u>	181,254	344,250	165,510
TOTAL	260,178	437,468	392,178
<b>DISPOSITION OF FUNDS</b>			
Expenditures . . . . .			
Land, Buildings and Improvements . . . . .			
Other (Specify) . . . . <u>APPROPRIATION</u>	172,100	210,800	292,100
Amount Reverted . . . . .	(5,140)	-	-
Balance Forward to Next Year . . . . .	93,218	226,668	100,078
TOTAL	260,178	437,468	392,178

STATE OF ARIZONA

SUMMARY OF EXPENDITURES AND BUDGET REQUESTS

Agency BOARD OF TECH REGISTRATION

Program REGISTRATION, ENFORCEMENT & PEER REVIEW

Expenditure Classification	(1) Actual Expenditures 1979-1980	(2) Estimated Expenditures 1980-1981	(3) Increase (Decrease)	EBO Use Only	(4) Program Change	EBO Use Only	(5) Request 1981-1982	Recommend 1981-1982
FTE POSITIONS . . . . .	4	5.5	//////////		2.5		8	
PERSONAL SERVICES . . . . .	63,463	91,300	4,284		40,416		136,000	
EMPLOYEE RELATED EXPENDITURES	10,492	15,804	742		6,996		23,500	
PROFESSIONAL & OUTSIDE SERV.	47,320	37,300	3,800		1,300		43,000	
TRAVEL - STATE . . . . .	4,300	8,200	800		4,300		13,300	
TRAVEL - OUT OF STATE . . . . .	3,600	5,000	500		-		5,500	
OTHER OPERATING EXPENDITURES	37,252	44,500	4,400		9,200		57,100	
FOOD . . . . .								
EQUIPMENT . . . . .	444	6,000	(1,200)		5,800			
SUB-TOTAL . . . . . 166,871	166,960	208,104	13,326		68,012			
OTHER * . . . . .		2,696						
REVERTED TO TECH REG FUND	5,140							
TOTAL APPROPRIATED	172,100	210,800	13,326		68,012		292,600	
ADD FEDERAL FUNDS . . . . .								
ADD OTHER FUNDS . . . . .								
TOTAL PROGRAM								

SERVICE MEASUREMENTS

Agency BOARD OF TECHNICAL REGISTRATION

Program REGISTRATION

RECORD SYSTEM IS BASED ON CALENDAR YEAR Service Measurements	Actual 1977-BASE YR	Actual 1978	Actual 1979	Estimated 1980	Amount of Difference	Estimated 1981
AS OF DEC. 31 <sup>ST</sup> - EA YEAR.						
No OF REGISTRANTS IN GOOD STANDING	7369 (100%)	8024 (109%)	8,880 (121%)	9,725 (132%)	800	10,525 (143%)
No OF PROFESSIONAL APPLICATIONS TO PRACTISE	666 (100%)	729 (109%)	832 (125%)	915 (137%)	60	975 (146%)
No OF IN-TRAINING APPLICATIONS - TOTAL	245 (100%)	327 (133%)	356	394	34	478
ARCHITECTS - IN - TRAINING	21 (100%)	49 (233%)	87 (414%)	94 (448%)		115 (546%)
ENGINEERS - IN - TRAINING	220 (100%)	268 (122%)	257 (117%)	282 (128%)		300 (136%)
GEOLOGISTS - IN - TRAINING	1	6 (100%)	5 (83%)	6 (100%)		8 (133%)
LANDSCAPE ARCHITECTS - IN - TRAINING	3 (100%)	4 (133%)	7 (233%)	12 (400%)		15 (500%)
LAND SURVEYORS - IN - TRAINING	-	-	-	-		40 -
No OF REGISTRATIONS GRANTED	549 (100%)	582 (106%)	654 (119%)	712 (130%)	60	772 (141%)
No OF IN-TRAINING CERTIFICATES GRANTED	153 (100%)	192 (125%)	203 (133%)	220 (144%)	20	240 (157%)
AS OF JUNE 30 <sup>TH</sup>	1977-1978	1978-79	1979-80	1980-81		1981-82
No OF EXAMINATIONS GIVEN - TOTAL	1735 (100%)	2385 (137%)	2,821 (163%)	3300 (190%)	400	3700 (213%)
ARCHITECTS		811	1001			
ENGINEERS		1400	1612			
GEOLOGISTS & ASSAYERS		18	18			
LANDSCAPE ARCHITECTS		40	62			
LAND SURVEYORS		116	128			

04604

Agency BOARD OF TECHNICAL REGISTRATION

Program ENFORCEMENT & PEER REVIEW (NEW)

RECORDS ARE BASED ON CALENDAR YR. Service Measurements	Actual 1977	Actual 1978	Actual 1979	Estimated 1980	Amount of Difference	Estimated 1981
<u>AS OF DEC 31<sup>ST</sup> EA YEAR:</u>						
<u>ENFORCEMENT</u>	-	-	-	15		55
CASES CARRIED FROM PAST YR.	-	-	-	90	90	180
No of COMPLAINTS INITIATED:	6	10	34	90		235
TOTAL IN PROCESS	6	10	34	105		125
No of COMPLAINTS CONCLUDED:	6	10	21	50	79	115
CONTINUED TO NEXT YR.	-	-	15	55		115
<u>AS OF JUNE 30<sup>TH</sup> EA YR.</u>						
	1977-78	1978-79	1979-80	1980-81		1981-82
<u>PEER REVIEW</u>						
<u>OVERSIGHT RESPONSIBILITY GOALS</u>						
A. VISITATIONS TO AGENCIES.	-	-	-	80	100	180
B. SEMINARS FOR AGENCIES & ASSOCIATIONS	-	-	-	6	6	12
No of AGENCY CONTACTS	-	-	6	40		
No of VISITATIONS COMPLETED						
No of SEMINARS GIVEN						

04805

MINUTES OF MEETING #80-P3  
PHOENIX ENFORCEMENT COMMITTEE  
Arizona State Board of Technical Registration

A meeting of the Board's Phoenix Enforcement Committee was held at 9:00 A.M., July 8, 1980 at the office of the board, 1645 W. Jefferson, Phoenix, Arizona.

1. CALL TO ORDER

Members        Wayne O. Earley  
Present:       Jimmie R. Nunn  
                 John B. Riggs

F. Mark Edson, Executive Director

Guests:        James Saplis, JLBC  
                 Don Reville, Executive Budget Office

The meeting was called to order by Wayne Earley, Acting Chairman.

2. REPORT OF EXECUTIVE DIRECTOR ON CASE LOAD

- A. Of thirty-four 1979 cases, thirteen are still in process. Action on these cases was suspended by the board's action of May 15, 1980, Minute Pages 4463-65, pending reorganization of the board required by statute.
- B. To date in 1980 twenty-five cases are in process, including the following:

BTR vs. WOODWORTH (Reg.)  
BTR vs. CAMPBELL (Reg.)  
BTR vs. DIVERSIFIED DRAFTING SERVICE (Non-Reg.)  
BTR vs. METZ (Non-Reg.)  
BTR vs. KIMOTO (Non-Reg.)  
BTR vs. CARLTON DRAFTING SERVICE (Non-Reg.)  
BTR vs. GEORGE MICHAEL (Reg.)  
BTR vs. ABLE-EARTH (Non-Reg.)  
BTR vs. SHREEVE (Reg.)  
BTR vs. KIRWAN (Non-Reg.)  
BTR vs. YELLOW PAGES ADVERTISERS (Non-Reg.)  
BTR vs. \_\_\_\_\_ @ Motorola (Reg.)  
BTR vs. TEMP-RITE ENGINEERING CO. (Non-Reg.)  
BTR vs. NECO ENGINEERING (Non-Reg.)  
BTR vs. DR. LOVIS DEAN (Non-Reg.)  
BTR vs. TRICO ENGINEERING (Reg.)  
BTR vs. AMWEST (Reg.)  
BTR vs. UNIVERSAL ENGINEERING CO.  
BTR vs. GLYN BURKHARDT  
BTR vs. ARIZONA HOSPITAL ASSN. (Non-Reg.)  
BTR vs. YARBROUGH (Reg.)  
BTR vs. STRATTON (Reg.)  
BTR vs. PETERSON (Reg.)  
BTR vs. JOHN DOE (ARIZ. DEPT. OF TRANSPORTATION) (Salt River Bridge I-10)  
BTR vs. JOHN DOE (ARIZ. DEPT. OF TRANSPORTATION) (Aqua Fria Bridge I-17)

- C. The office has had preliminary contact for peer review work at the following agencies:
- (1) Corporation Commission
  - (2) OEPAD
  - (3) Water Commission
  - (4) Health Department
  - (5) City of Prescott
  - (6) Lake Havasu City
  - (7) City of Yuma
- D. The office has received other leads on enforcement matters (twenty or thirty) which are still unsubstantiated. In addition, windshield yellow page surveys must be completed for assayers, geologists, landscape architects and land surveyors in Phoenix (Maricopa County) and for all the disciplines in Pima County, Santa Cruz County, Yuma County, Coconino County, and Yavapai County, and eventually in all fourteen counties.

### 3. COMPLAINTS FOR EVALUATION

#### A. C79-021 - BTR vs. Willdan Associates

Contractor James Page filed a complaint alleging Willdan Associates was negligent in the provision of engineering and land surveying services for the Hacienda del Rey Subdivision, Scottsdale, Arizona.

The Committee reviewed the file, including an investigation report, a rebuttal from Willdan Associates and court records.

The Committee found possible errors of commission and omission on the part of Willdan Associates and recommends to the board:

1. That the parties be scheduled for an informal hearing at the next meeting of the Enforcement Committee to verify certain aspects of the record.
2. That the Executive Director contact the professional societies regarding names of individuals who may be willing to serve as expert witnesses in enforcement proceedings.

#### B. C79-032 - BTR vs. Environmental Repair Service

Landscape Architect, Norman Aubuchon, filed a complaint through Attorney Rodney Matheson, alleging Environmental Repair Service practices landscape architecture as non-registrants and are in violation of A.R.S. 32-121 and further defined under A.R.S. 32-145.

The Committee reviewed the complaint, a rebuttal from Environmental Repair Service and the investigative report and found substantial evidence of violation in accordance with the complaint and that William H. Hulse, Arizona Registered Architect No. 10861, as a participant in this business, may be in violation of A.R.S. 32-128.



The Committee recommends to the board:

1. That the Executive Director consult with the Attorney General regarding procedure for filing a complaint against Environmental Repair Service through the office of the Maricopa County Attorney for violation of A.R.S. 32-121 as defined under A.R.S. 32-101 and 32-145.
2. That Mr. Cox and Mr. Hulse be scheduled for an informal hearing at the next meeting of the Enforcement Committee to clarify Mr. Hulse's relationship to the Environmental Repair Service enterprise and to discuss possible violations of the Environmental Repair Service's operation.

C. C80-35 - BTR vs. Charles H. Woodworth (Arizona Structural Engineer #4724)

The City of Phoenix Building Safety Department called our attention to substandard structural work sealed by Mr. Woodworth in a project done with Hurst Drafting Service.

The Committee reviewed the investigative report and the drawing exhibits and found that Mr. Woodworth's exhibits a lack of structural expertise common to the structural engineering profession and may be guilty of incompetence under A.R.S. 32-128 and that Mr. Woodworth may be guilty of aiding and abetting non-registrant, Hurst, in evading the provisions of the statutes regulating the practice of architecture, under A.R.S. 32-128 and that Hurst Drafting Service is not registered to practice architecture as required by A.R.S. 32-121 and that Hurst is not exempt under A.R.S. 32-144.

The Committee therefore recommends to the board

1. That Mr. Charles Woodworth be scheduled for an informal hearing at the next meeting of the Enforcement Committee to further verify testimony given to an investigator of the board, which may bear on a recommendation to schedule a formal revocation.
2. That the Executive Director consult with the Attorney General regarding procedure for filing a complaint against Hurst Drafting Service through the office of the Maricopa County Attorney regarding violation of A.R.S. 32-121, as further defined by A.R.S. 32-101 and A.R.S. 32-145, and that Mr. Hurst be scheduled for an informal hearing at the next meeting of the Committee.

D. C80-36 - BTR vs. Logan E. Campbell, Arizona Reg. Architect #2728

City of Phoenix Building Safety Department called our attention to a print of a substandard drawing of a building on which the seal of Logan E. Campbell was applied and signed.

The Committee reviewed the investigative report and the drawing exhibits and found that the unprofessional character of the drawing

and the lack of professional expertise shown thereby could not be the work of a professional registered architect and that Mr. Campbell's seal was applied to a print of the drawing done by non-registrant Stienke, and that Mr. Campbell may be guilty of sealing work not prepared by himself in violation of A.R.S. 32-125 and of aiding and abetting a non-registrant by allowing his registration to be used by a non-registrant in violation of A.R.S. 32-128.

Therefore, the committee recommends to the board:

1. That Mr. Campbell be scheduled for an informal hearing at the next meeting of the Enforcement Committee to further explain his action in sealing the work of a non-registrant, Stienke, which may bear on a recommendation to schedule a formal revocation hearing.
2. That the Executive Director further investigate the role of Fred Miller, Arizona Structural Engineer #4945, in assisting non-registrant, Stienke, to get a building permit on sub-standard work.
3. That the Executive Director discuss further moves on non-registrant, Stienke, with the Assistant Attorney General in view of the fact that he appears to be exempt from requirements of registration under A.R.S. 32-144.

E. C80-037 - BTR vs Diversified Drafting Service

Anonymous communication forwarded advertising material published by this firm. No registrants were identified.

The Committee reviewed correspondence in the file and an investigative report, and found that with recent advertising involving Arizona Registrant, David M. Niese, C.E. #8081, the firm may be guilty of misleading the public concerning the qualifications of the non-registrant firm by displaying the name of a registrant who is not a member of the firm and that Mr. Niese may be guilty of aiding and abetting non-registrants to evade the requirements of registration to practice in violation of A.R.S. 32-128.

Therefore, the Committee recommends to the board that:

1. Mr. Niese be scheduled for an informal hearing at the next meeting of the Enforcement Committee to verify his activities in connection with the defendant firm.
2. Following that clarification, the defendant firm be requested to stop advertising services for which they are not qualified and to sign an affidavit certifying compliance.

F. C80-038 - BTR vs. Milford K. Peterson, Arizona Civil Engineer, #11427 and Land Surveyor, #4529.

Mrs. Frieda White filed a complaint alleging Peterson was guilty of misconduct in the practice of his profession in that a survey done by Peterson for her neighbor drastically affected her property lines in effect for thirty-one years.

The case was reviewed by the board's advisory panel in land surveying, who indicate from the evidence submitted that Peterson's survey procedure in using an accepted corner in lieu of the monumented corner was correct, and that the complaint has no basis in questioning the competence of Mr. Peterson.

The Committee reviewed the file and the evidence submitted and took no exception to the recommendations of the panel of experts.

Therefore, the Committee recommends to the board:

1. That the file be closed and the parties notified of the findings.
2. That Ms. White additionally be advised to seek independent legal advice concerning her rights with respect to the contested property line.

3. MEETING DATE

The next meeting was tentatively scheduled for August 5, 1980, pending confirmation.

4. ADJOURNMENT

The meeting adjourned at 4:45 P.M.

PHOENIX ENFORCEMENT COMMITTEE

Arizona State Board of Technical Registration

A meeting of the Board's Phoenix Enforcement Committee was held at 9:00 A.M., August 5, 1980, at the office of the Board, 1645 W. Jefferson, Phoenix, Arizona.

1. CALL TO ORDER

Present: Rod J. Gomez, Chairman  
Jimmie R. Nunn  
William S. Gookin  
Wayne O. Earley  
John B. Riggs

F. Mark Edson, Executive Director

The meeting was called to order by Rod J. Gomez, Chairman.

2. READING OF MINUTES:

The minutes of the Enforcement Committee Meeting of July 8, 1980 were approved as mailed.

3. COMPLAINTS:

A. C79-021 - BTR vs. Willdan Associates.

This was the time and place to conduct an informed hearing with the parties. Mr. Dale Carter, representing Willdan Associates was unable to appear and sent prior communication requesting continuance. The Committee deferred action until the next scheduled meeting, to hear the parties prior to forwarding a recommendation.

B. C79-032 - BTR vs. Environmental Repair Service

In accordance with Committee action at their July 8 meeting, the Committee met informally with Mr. Rod Cox (non-Registrant) and Mr. William H. Hunse (Reg. Architect #10861) of Environmental Repair Service to review the complaint and to discuss requirements of the Arizona Revised Statutes.

Mr. Cox stated that he was a graduate of A.S.U. in Architecture, that he was a licensed Landscape Contractor and that he used his ability in graphic design to illustrate for his clients the nature of their planting schemes, for which he was contracting, that he felt this was "planting design", that he at no time represented himself as a Landscape Architect, that his business was built on prepared proposals with predictable cost effectiveness, that there was and is, a demand for the design-build landscape environment, and that Landscape Architects by and large were not interested in filling the gap.

Mr. Hunse stated that his services to the firm were administrative in nature, that he performed architectural services for his own clientele, and that he was in the process of legally separating his affair from the Environmental Repair Service Company.

The Committee considered the testimony, and the evidence, and concluded that under the provisions of A.R.S. 32-101-14 Mr. Cox was engaging in the practice of Landscape Architect and was in violation of A.R.S. 32-121 in not being registered to practice and was therefore guilty of a misdemeanor under A.R.S. 32-145.

The Committee recommends to the Board that a civil complaint under A.R.S. 32-145 be filed against Environmental Repair Service through the Office of the Maricopa County Attorney.

Regarding Mr. Hunse, the Committee accepted Mr. Hunse's testimony and did not find that he was aiding and abetting non-registrant Cox, and was in the process of clarifying their relationship by disassociating from Environmental Repair Service. The Committee recommends a stern letter be forwarded to Mr. Hunse, asking him to confirm disassociation with Environmental Repair Service, and warn him of the consequences of aiding and abetting non-registrants.

The parties were informed of the recommendations.

C. C80-35 BTR vs. Charles H. Woodworth (Arizona Structural Engineer #4724).

In accord with Committee action at their July 8, 1980 meeting, the Committee met informally with Mr. Charles Woodworth, and Mr. Donald Hurst DBA Hurst Drafting Service to review the complaint and discuss requirements of the Arizona Revised Statutes.

Mr. Woodworth verified his relationship with Mr. Hurst, that he was employed by Hurst to consult in the structure of the subject project and that the seal and signature shown by the drawings was his. He provided Engineering Calculations for Committee review.

Mr. Hurst stated that he was hired to provide drawings by the Wade & Kravitz Company, that he prepared the drawings (under the direction of Mr. Woodworth) that he secured the services of Mr. Woodworth and a Mr. Bill Krok and K & H Electric Co. to assist with mechanical and electrical design, that he was paid for his services by Wade & Kravitz.

After review of the testimony and the evidence, the Committee found

1. That under A.R.S. 32-128A - Mr. Woodworth demonstrated a lack of structural expertise common to the structural engineering profession, and is therefore guilty of a degree of incompetence and that he was guilty of aiding and abetting a non-registrant to evade the provisions of the statute.

The Committee recommends to the Board that proceedings be implemented to revoke Mr. Woodworth's licence to practice Structural Engineering.

2. That under the provisions of A.R.S. 32-101-B Mr. Hurst was engaging in the practice of Architecture and was in violation of A.R.S. 32-121 in not being registered to practice, nor was he exempt under A.R.S. 32-144, and was therefore guilty of a misdemeanor under A.R.S. 32-145.

The Committee recommends to the Board that a civil complaint under A.R.S. 32-145 be filed against Donald Hurst DBA Hurst Drafting Service through the Office of the Maricopa County Attorney.

D. C80-36 - BTR vs. Logan E. Campbell, Ariz. Reg. Architect #2728  
This was the time and place to conduct an informal hearing with the party. Mr. Campbell was unable to appear and sent prior communication requesting the matter be continued. The Committee deferred action until the next scheduled meeting.

E. C80-037 BTR vs. Diversified Drafting Service  
In accord with Committee recommendations at the July 8, 1980 meeting, the Committee met informally with Mr. David M. Niese, Civil Engineer #8081, and with Mr. Kenneth Miller and Mr. Clay Chiapini of Diversified Drafting Service.

Mr. Niese testified that he was not associated with Diversified Drafting Service, but at one time had considered it, and that he had performed consulting services for Diversified Drafting Service on projects contracted by Diversified Drafting Service, and he was paid by Diversified Drafting Service for his services. He mentioned an "apartment house", being one of the projects, and a Mr. Ron Weber being the Architect. Niese stated he was presently employed by Maricopa County as a Soil Engineer, had recognized the legal pitfalls of association with Diversified Drafting Service, and felt he was conducting his affairs in a professional manner.

The Committee heard testimony from Mr. Kenneth Miller and Mr. Clay Chiapini. Mr. Miller represented Hair Center's, Inc. and stated they were the owner's of the Diversified Drafting Service, and that Mr. Chiapini was at the moment, the sole employee, that the business was incorporated to produce house plans and other miscellaneous drafting services, that the material on which the complaint was based was premature prepared by a sales person and should not have been distributed. He indicated Ron Weber, who is an Architect, was originally involved with the company, as well as Mr. Niese, but not as principals of the company.

After consideration of the testimony and the evidence in the file the Committee found

- 1) That Mr. Niese did perform some services for Diversified Drafting Service, that he had recognized the impropriety of continuing the relationship, and had discontinued the association.
- 2) That the business practices conducted by Diversified Drafting Services were not clearly exempt under A.R.S. 32-144, that there was no current evidence in the file of violation of A.R.S. 32-121, as defined under 32-101 for the practice of architecture, but that without recognition of the law, and a change in business practice, Diversified Drafting Service could be offering services in violation of the statutes.

Therefore, the Committee recommends to the Board:

- 1) That a letter and affidavit be sent to Mr. Niese, emphasizing the penalties prescribed by A.R.S. 32-128, for his acknowledgement and return.
- 2) That a consent agreement outlining the limits of exempt service under the law be drawn up and offered for acceptance to Diversified Drafting Service.
- 3) That the circumstances of Mr. Ron Weber's association with

Diversified Drafting Service be further investigated and reported back to the Committee.

- 4) That a notice go to the professional societies concerning the use of drafting services by registrants, and possible violation of statute that may occur in these arrangements.

4. OTHER BUSINESS

- A. News article - A.S.U. Physical Facilities Dept. The Executive Director was instructed to send a letter to A.S.U. officials at the highest level, commenting on the article and calling their attention to the Arizona Revised Statutes.
- B. That a rule be considered defining supervision of an employee.
- C. That an opinion be sought from Attorney General concerning a definition of "Public Work".

## REPORT OF THE EXECUTIVE DIRECTOR

STAFF:

Virginia Noffsinger resigned late in July, effective on August 8. Patricia Wood came on board to replace her on August 18 and comes to us from the Executive Budget Office. She has good experience in processing paper with various state agencies, and the transition is going smoothly. To assist in cleaning up backlog caused by the gap in filling the position, we have brought in a temporary Secretary II.

We received an excellent list of applicants for the new Administrative Assistant II position on August 20 and interviewed nine people on August 27, 28, and 29. Mr. James L. Walter has been appointed and will begin work on Monday, September 8. Mr. Walter has a B.A. degree in Political Science, a B.A. degree in International Management and comes to us with 18 months experience as Assistant to the President of Hawaii Hotel Workers & Teamsters Union and seven years as a Tribunal Administrator, Construction Rules, of the American Arbitration Association here in Phoenix. He has an excellent background in knowledge of the design professions, communication skills, and investigation.

SEMINAR:

I attended the Management Seminar authorized by the Board at the June meeting and thought it was an excellent and well-worthwhile experience. I have already used material from the seminar in picking winners from an interview list and in implementing our office Performance, Planning & Evaluation Reports (management by objective).

<u>Applications as of September 1:</u>	<u>1979</u>	<u>1980</u>
Professional	588	575
In-training	253	249

TRAVEL PER DIEM:

We received approval from the Finance Department to authorize a 6 - 10 hour payment of \$10.00 for travel per diem, (an exception to the new state rule), for Board members attending meetings of one-day duration.

RENEWAL PROCESS

Target for receipt of new renewal forms is October 1, 1980, and mail target is currently October 15, 1980. I do not have confirmation yet that the Data Center will be ready with new tested programs to make the computer run, but I am optimistic it will come off on schedule.

AUTOMATION SURVEY:

The Data Center did not complete their systems survey for our agency by August 1 as expected, so we were unable to address this matter in our



Report of the Executive Director  
Page Two

1981-82 Budget study. The Budget Analyst will consider an amendment prepared when we have the necessary program recommendation from the Data Center. The Real Estate Commission has agreed in principal to share their controller equipment, which will reduce the cost of setting up the system, if and when we can do it.

AGENCY REMODEL:

We have not had a recommendation yet from the Public Buildings Division on our request of May 5 to enlarge our office for accommodation of additional personnel. I have transmitted a long-term outlook to Public Buildings predicting a staff level of ten people by 1983, consisting of the Executive Director, Administrative Secretary, three people in Applications and Examination Section, three people in Enforcement and Peer Review, and two people in supporting positions (clerk-typists).

## CASH FLOW REPORT

AUGUST 1980

Balance as of July 1, 1980	\$ 93,217.97
Total Receipts, Year-to-Date	7,558.31
Total Expenditures, Year-to-Date	(19,560.99)
Outstanding Encumbrances	(10,657.55)
Balance as of August 31, 1980	<u>\$ 70,557.74</u>

Lump Sum Appropriation	\$210,800.00
------------------------	--------------

<u>RECEIPTS:</u>	AUGUST	YEAR-TO-DATE
Application Fees & Misc. Fees	\$3,892.38	\$ 6,100.38
Renewal Fees & Penalties	219.50	427.75
Examination Fees	1,660.00	1,870.00
Less 10% to General Fund	(577.19)	(839.82)
Total Receipts	<u>\$5,194.69</u>	<u>\$ 7,558.31</u>

<u>EXPENDITURES:</u>		
Personal Services	\$5,557.77	\$ 10,930.89
Employer Related	884.91	1,800.74
Data Processing	1,054.68	1,054.68
Office Supplies	92.44	92.44
Subscriptions	-0-	73.39
Postage & Mailing	-0-	47.25
Telephone	187.14	187.14
Copier Lease	97.12	291.36
Revolving Fund	-0-	1,000.00
Investigations	-0-	606.50
Examinations	-0-	2,271.46
Printing	62.95	280.72
Insurance	-0-	500.00
Office Equipment	619.32	619.32
Travel (In-State)	93.30	268.30
Total Expenditures	<u>\$8,649.63</u>	<u>\$ 20,024.19</u>



# BARNETT-HAYS, INC.

## NORTHWEST SURVEY & ENG. CO.

310 S. WASHINGTON AVENUE • LUDINGTON, MICHIGAN • PHONE 616/843-9635

### *Affiliate Firms*

RICHARD H. KRAFT ENGINEERING, INC.  
 RICHARD H. KRAFT SURVEYING, INC.  
 HEWAGO ENG. & SURVEY CO.  
 SOUTHWEST SURVEY & ENG. CO.  
 FLINT TESTING LABORATORY, INC.  
 MID MICHIGAN ENG. & SURVEYING CO.  
 ENVIRONMENTAL SYNERGISTIC SYSTEMS

### *Consultants*

SAM S. BARNETT, R.L.S.  
 RICHARD H. KRAFT, P.E. & R.L.S.  
 RICHARD FRANK, R.L.S.  
 GERALD J. GRAY, P.E. & R.L.S.  
 JOHN HUNT, R.L.S.  
 JOHN TANNER, A.I.A.  
 JIM EVANS, R.L.S.  
 NORM OCHS, R.L.S.  
 ADAM EZECHIZA, ASSOC.  
 RICHARD HAYES, CO. SUR.  
 JOSEPH KNOWLES, P.C.P.  
 NICHOLAS NICHOLSON, P.E.

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

August 18, 1980

Gentlemen;

On August 7, 1980 I appeared before the Arizona Board of Technical Registration for a "personal audience" and 20 - minute, multiple-choice examination on Arizona laws and the Rules of the Board, as indicated in your letter to me dated July 24, 1980, copy enclosed.

I wish to protest the outcome of the personal audience. I was told that I had passed the examination but that the Board was in the process of rewriting a part of the requirements and that it would be the recommendation that I be required to write part 4 of the Arizona Land Surveyors Test, a 4 hour test entitled Legal Principles.

In 1968 I completed the required 16 hour written examination in the State Of Michigan, a part of this examination covered Legal Principles. I am currently registered in the State Of Michigan, RLS # 16923.

During the personal audience I was handed a sheet of paper titled partial reference list (copy enclosed) and told that I could probably get the required information from the Secretary Of State's Office.

I was able to obtain part of the list from said office, but was told that they were understaffed and couldnot furnish the rest of the material. They suggested that I might get the information from a law library in my home State Of Michigan.

I would like to ask the Board to consider the fact that I have fully complied with the requirements of the State of Arizona for certification as a Registered Land Surveyor as set forth in the code of the State Board of Technical Registration from



04619

BARNETT-HAYS, INC.  
NORTHWEST SURVEY & ENG. CO.

310 S. WASHINGTON AVENUE • LUDINGTON, MICHIGAN • PHONE 616/843-9635

*Affiliate Firms*

RICHARD H. KRAFT ENGINEERING, INC.  
RICHARD H. KRAFT SURVEYING, INC.  
NEWAGO ENG. & SURVEY CO.  
SOUTHWEST SURVEY & ENG. CO.  
FLINT TESTING LABORATORY, INC.  
MID MICHIGAN ENG. & SURVEYING CO.  
ENVIRONMENTAL SYNERGISTIC SYSTEMS

*Consultants*

SAM S. BARNETT, R.L.S.  
RICHARD H. KRAFT, P.E. & R.L.S.  
RICHARD FRANK, R.L.S.  
GERALD J. GRAY, P.F. & R.L.S.  
JOHN HUNT, P.L.S.  
JOHN TANNER, A.T.A.  
JIM EVANS, P.L.S.  
NORM OCHS, P.L.S.  
ADAM EZCOTICA, ASSOC.  
RICHARD HAYES, CO. SUR.  
JOSEPH KNOWLES, P.C.P.  
NICHOLAS NICHOLSON, P.E.

page 2

August 18, 1980

Arizona as amended April 28, 1980 and the rules and by-laws of the State Board of Technical Registration as adopted July 20, 1979.

I plan to comply completely with the laws of the State of Arizona while working there and feel that the State Board of Technical Registration will abide by there published rules and regulations.

Thank you for your time and effort in this matter.

Sincerely,

Sammy S. Barnett RLS # 16923, State of Michigan.

cc:

The Honorable Bruce Babbitt, Governor Arizona  
The Honorable William G. Milliken, Governor Michigan  
The Honorable Wayne Stump, Senator Arizona  
The Honorable Bob Corbin, Attorney General Arizona  
The State Board of Registration, Michigan

THE UNIVERSITY OF THE STATE OF NEW YORK  
THE STATE EDUCATION DEPARTMENT  
622 Third Avenue  
NEW YORK, NEW YORK 10017

04620  
Hold For Bd agenda  
Sept 5

ROBERT S. ASHER, Director

Division of Professional Conduct  
212: 557-2100

Dear Regulatory Colleague:

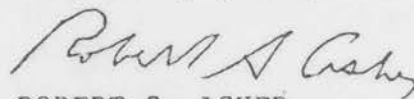
We have sent monthly reports to you of the disciplinary actions taken by New York State during the past year in the professions with which you are concerned. So far as I know we are the only State to provide such a service. We believe that even this limited service is valuable to other states as it allows them to take disciplinary actions against individuals disciplined by New York State who are also licensed in your state. As many of you know, we also send out copies of the charges and findings and recommendations of the professional boards and the Board of Regents as well as a written transcript of the proceedings and appendices without charge, upon request.

We believe that this system would be more effective if all states prepared such reports and made this type of information available. To perform this function, it would probably be necessary to create a central clearinghouse as New York State is not prepared to undertake such a role unilaterally at this time.

However, I believe that there are several things you could do which would be extremely helpful. One would be to send my agency similar reports of disciplinary actions taken by boards which are under your jurisdiction, as well as additional material if it was determined that the subject of such action was licensed in New York State. Second, I would appreciate any comments you might have on this idea or on our efforts thus far. Third, I would find it particularly helpful if you would complete the attached questionnaire and return it to me in the attached envelope as soon as possible, as I believe that now is the time to push for private or public support for this important project.

Thank you.

Very truly yours,



ROBERT S. ASHER  
DIRECTOR

RSA:lr  
Enclosure

THE UNIVERSITY OF THE STATE OF NEW YORK  
THE STATE EDUCATION DEPARTMENT  
622 THIRD AVENUE  
NEW YORK, NEW YORK 10017

04621

DIVISION OF PROFESSIONAL CONDUCT  
212: 557-2100

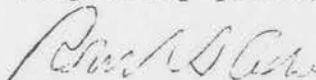
NOTIFICATION OF ACTION BY NEW YORK STATE BOARD OF REGENTS  
(ARCHITECTURE)

Please be advised that the Board of Regents took the following actions with respect to members of your profession at its meeting of July 24 - 25, 1980.

LEO KORNBLATH (345 Park Avenue, New York, New York 10022  
DOB 8/14/21 Lic. No. 006035) Guilty of being convicted of  
a crime and of unprofessional conduct.  
Penalty: Censure and Reprimand.

If you have any additional questions, or need additional information, please contact Robert S. Asher, Director, Division of Professional Conduct, 622 Third Avenue, New York New York 10017.

Very truly yours,



ROBERT S. ASHER  
DIRECTOR

RSA:lr

QUESTIONNAIRE

04622

Would you be interested in joining a National Clearing-House for disciplinary information which would provide monthly lists of licensees disciplined as well as reports and transcripts upon request?

YES\_\_NO\_\_

Would you provide the above information to the clearing-house?

YES\_\_NO\_\_

Would your agency pay an annual fee for such services?

YES\_\_NO\_\_

How much?

\_\_\_\_\_

Do you believe that your state would pay such fees?

YES\_\_NO\_\_

How much?

\_\_\_\_\_

Would you be interested in serving on the Board of Directors of such Clearing-House?

YES\_\_NO\_\_

Any additional comments:

Agency name  
and address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Professions  
covered

\_\_\_\_\_  
\_\_\_\_\_

Telephone No.

\_\_\_\_\_

Prepared by

\_\_\_\_\_

04623

Hes for  
Board Agenda  
Sept 5<sup>th</sup>

EDUCATIONAL TESTING SERVICE



WESTERN REGIONAL OFFICES

BERKELEY OFFICE  
1947 Center Street  
Berkeley, California 94704  
415-849-0950

August 1980

MEMORANDUM FOR: Member Boards  
National Council of Engineering Examiners

SUBJECT: Announcement of the October/November 1980 NCEE  
Fundamentals of Engineering Examination

FROM: Michele M. Mayo, Program Director  
Judy M. Green, Staff Associate

#### DATE OF ADMINISTRATION

The National Council of Engineering Examiners has announced Saturday, November 1, 1980 as the administration date for the Fundamentals of Engineering Examination. The alternate dates are Thursday, October 30 and Friday, October 31. The Fundamentals of Engineering Examination may be administered within a given Board's jurisdiction on Thursday, Friday, or Saturday, but on only one of these dates.

#### CHANGES FOR THIS ADMINISTRATION

In accordance with the decisions of the NCEE Uniform Examinations and Qualifications Committee and the NCEE Board of Directors, and as announced by NCEE in various publications during the past year, the following changes take effect with the October 1980 administration:

1. Each Board will receive one copy of a roster in ascending Examinee Identification Number order. The descending total score roster, frequency distribution and the extra copies have been eliminated to save money and reduce the bulk of information the Boards have to handle and file.
2. The Fundamentals of Engineering Examination is considered and referred to as one eight-hour examination with no distinction between morning and afternoon portions. Only one score, the total of the AM and PM portions, shall be reported to Member Boards. No score will be reported unless both portions of the test are taken.
3. Although there will be no change in the total converted score information that has been reported to you in the past (the same 0 - 100 scale with 70 intended as minimum passing will be used), the converted scores from 0 to 100 will be scaled on the basis of the NCEE recommended minimum passing score. (This will eliminate the additional step which Boards were formerly required to take in order to convert reported scores and which involved using the separate conversion table booklet distributed by the National Council.)

(continued)



04624 Hold for B2 agenda  
Sept 5 City

**HAYER, NUNN AND COLLAMER**  
ARCHITECTURE • ENGINEERING • PLANNING, INC.  
103 EAST MISSOURI AVENUE • PHOENIX ARIZONA 85014 • 802 263-9000

RALPH B. HAYER AIA  
JIMMIE R. NUNN AIA  
GEORGE A. COLLAMER AIA  
DONALD E. SURFACE PE  
ROBERT W. MROZINEKI AIA  
ROBERT W. MYERS FCSI AIA

August 25, 1980

The Honorable Bruce Babbitt  
Office of the Governor  
1700 West Washington  
State House  
Phoenix, Arizona 85007

Dear Bruce:

Do you need a good excuse to go to Flagstaff next week?

The State Board of Technical Registration is having our annual meeting at the Engineering Building on the NAU Campus all day, Friday, September 5th.

This regular meeting is always preceeded by a little cocktail party and dinner with the wives the night before. Jerry and I have invited all the members and their wives to join us at our cabin for cocktails before the dinner at Little America.

We would love to have you and Hattie join us at the cabin and have dinner with us at Little America. Hope you can attend.

Sincerely,

HAYER, NUNN AND COLLAMER

*Jimmie R. Nunn*  
Jimmie R. Nunn AIA  
President

JRN:mw  
Encls.

*marks I  
I haven't heard yet  
but who knows  
I enclosed the  
invitation & maps*



## ARCHITECTURE ONE

philip dinsmore aia  
john b. riggs aia  
william d. porter aia

August 20, 1980

State of Arizona  
Board of Technical  
Registration  
1645 W. Jefferson  
Suite 315  
Phoenix, AZ 85007

Gentlemen:

Architecture One, Ltd. has entered into an agreement with Quaker Maid Kitchens to provide professional architectural services for their new facility in Goodyear, Arizona. As part of these services we were required to include drawings and specifications for landscaping.

We elected to use Phoenix consultants and at the suggestion of a Phoenix architect we contacted Mr. Ritchie who submitted a proposal to provide landscaping design services. Until August 19, 1980 all employees of Architecture One, Ltd. that were involved with this project were under the impression that Mr. Ritchie was a registered landscape architect.

Yesterday, upon discovering that Mr. Ritchie was in fact not registered, we took steps to initiate a letter rejecting his drawings, specifications and billing for his services.

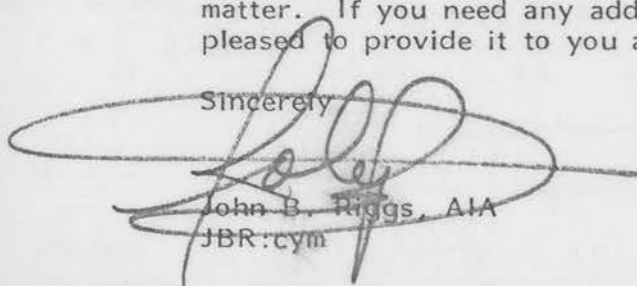
We have as of this writing contacted a registered landscape architect to provide the required services for this project.

We bring this to your attention for consideration of any action you may deem necessary under the Arizona Statutes regulating the practice of Landscape Architects.

On a related matter the Joint Venture of Mather Architect/ Architecture One, Ltd. received and rejected a proposal from Mr. Ritchie for landscape design services.

Obviously as a member of the Board of Technical Registration I shall excuse myself from any discussion or action on this matter. If you need any additional information I will be pleased to provide it to you at your request.

Sincerely



John B. Riggs, AIA  
JBR:cym

architecture one, ltd./4905 east broadway, S-200  
tucson, arizona 85711 / telephone (602) 790-9100

File 74-669 E

04626



# JOHANNESSEN & GIRAND

CONSULTING ENGINEERS INC.

6611 N. Black Canyon Hwy.-Phoenix, Arizona 85015  
Temporary Phone Nos. 244-9441 & 244-0210

August 21, 1980



FLAGSTAFF  
22 West Birch  
Flagstaff, AZ 86001  
(602) 779-0388

COTTONWOOD  
125 S. Sixth  
P.O. Box 95  
Cottonwood, AZ 86326  
(602) 634-2212

SEDONA  
Roadrunner Plaza  
P.O. Box 3608  
West Sedona, AZ 86340  
(602) 282-4999

Mr. F. Mark Edson, Executive Director  
State of Arizona  
Board of Technical Registration  
1645 West Jefferson, Suite 315  
Phoenix, Arizona 85007

Dear Mr. Edson:

I would like to request an audience before the board at the next proposed meeting. My purpose is to request a waiver from the board on Part I of the E.I.T. examination.

I am a graduate of Electronics Institute of Technology in Detroit, Michigan. I graduated in 1963 with an associate degree in electronic engineering. I have been in the engineering field for the past 11 years under the direct supervision of various professional engineers.

I relocated to Arizona in 1973 as a City of Phoenix Plans Review Engineer. While with the city I was promoted to the engineering department in 1975 as the staff electrical engineer. In 1978 I left the City of Phoenix and joined the firm of Sverdrup & Parcel as a staff electrical design engineer. In 1979 I joined the firm of Johannessen & Girand as senior electrical design engineer under Mr. Harold Baldwin, P.E. I am presently serving in that capacity.

I have letters of recommendations in my file at your office from several very qualified engineers I have been associated with in Arizona. Enclosed please find a copy of some of my representative projects while in Arizona.

Your consideration in this matter will be greatly appreciated.

Very truly yours,

*Robert T. Haines*  
Robert T. Haines

DEC 5, 75 - Requested  
waiver of  
Part I & 2  
Denied

MAR 22, 1976 -

Denied Requested waiver  
of 1 & 2

SEPT 13, 1976 - Requested waiver 1 & 2 - Denied

AUG 24, 1978 - " " " Denied

Dec 14, 1978 - " " " Denied

NO TRANSCRIPT  
NO FILE  
NOT ELPO

### CORPORATE OFFICERS

- L. C. Lagomarsino
- R. L. Norton
- W. P. Reilly
- J. E. Buitts
- R. E. Nabours
- J. Girand
- O. C. Boling
- A. R. Pollock
- J. C. John
- M. J. Slaysman, Jr.
- D. A. Gilbertson
- R. D. Oakes
- R. A. Bibler
- B. G. McEwen
- S. A. Eisner
- D. S. Huscher
- L. D. Dadisman

TIMES  
TAKEN

July 31, 80

### EXAM REPORT

10	1 - F	62.0%
8	2 - P	
2	3 - P	
1	4 - P	

44 YRS OLD 15 YRS OF EXP TO 1980

RTH/pjv  
Enclosure

ROBERT HAINES

PROJECT ELECTRICAL ENGINEER

Specialized Professional Competence

Specification writing and Project estimating  
 Parks & Recreation facilities  
 High, medium & low voltage power distribution systems  
 Lighting & power systems for industrial, commercial and  
 residential buildings  
 Uninterruptable power supply systems  
 Construction inspection  
 Power & energy studies and report writing

Representative Project Assignments

Several Service Center & Fueling facilities, Phoenix, Arizona  
 High Voltage Sewage Blowers & Distribution System, Phoenix, Arizona  
 Several Tennis, Baseball, & Recreational Parks, Phoenix, Arizona  
 Several Commercial Bldg. Systems, Phoenix, Arizona  
 Uninterruptable Power Supply for Computer Facility, Phoenix, Arizona  
 Warehouse & Fueling Facility, Phoenix, Arizona  
 Communication Facility @ South Mountain, Phoenix, Arizona  
 Sky Harbor Police Briefing Building & Parking Facility, Phoenix, Ar  
 Tempe Stadium Lighting & Power System, Tempe, Arizona  
 Marcos DeNiza Handball Court Lighting & Power, Tempe, Arizona  
 Tempe High School Handball Court Lighting & Power, Tempe, Arizona  
 TWA Sky Harbor Expansion & Holdroom Facility, Phoenix, Arizona  
 Ramada Inns Engineering Plan Review & Design Projects, Phoenix, Ariz  
 Energy Study & Survey of Mountain Bell Facility, Phoenix, Arizona

Representative Project Assignments for Johannessen & Girand

Chrysler Proving Grounds Facility, Morris Town, Arizona  
 St. Johns Swimming Pools & Bathhouse, St. Johns, Arizona  
 Hotel for Ramada Inn (7story), St. Paul, Minnesota  
 Hotel for Granada Royale (5 story), Denver, Colorado  
 Hughes Airwest Expansion at Sky Harbor, Phoenix, Arizona  
 Red Feather Lodge (3 story), Grand Canyon, Arizona  
 Senior High School & Housing, Oraibi, Arizona  
 Tolleson High School Addition, Tolleson, Arizona  
 PSA Facility at Sky Harbor, Phoenix, Arizona  
 Air Cargo Facility at Sky Harbor, Phoenix, Arizona

Professional Background

Degree in Electrical Engineering, Detroit, Michigan, 1963  
 Registered Safety Engineer, Phoenix, Arizona, 1974  
 Member of IAEEI, Arizona Chapter, 1973  
 Journeyman Electrician Registration, Pontiac, Michigan, 1963  
 Master Electrician Registration, Pontiac, Michigan, 1970  
 Registered Electrical Contractor, Waterford, Michigan, 1971  
 Entered the profession in 1964



State of Arizona  
BOARD OF TECHNICAL REGISTRATION

04628

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS, LANDSCAPE ARCHITECTS AND LAND SURVEYORS  
1645 W. JEFFERSON, SUITE 315 • PHOENIX, ARIZONA 85007 • (602) 255-4053

August 12, 1980

Julius Lemay Blackmon  
Box 308  
Lake Wales, FL 33853

Re: Civil Engineer App. #78-598

Dear Mr. Blackmon:

For the second time, I am forwarding your application to the Board at their September 5th, Regular Meeting, with a recommendation for denial for failure to meet the requirements of the Board within a reasonable length of time.

On April 7th, you advised us of a change of address to Beaumont, Texas. On June 24th, we communicated with you regarding your request for reconsideration of denial and offered you one of four possible dates to insure your presence. On June 26th, you forwarded us another new address. We update our computer files on a monthly basis, it is not instantaneous. On July 7th, we received your confirmation of a late afternoon appearance on August 8th, 1980, and you reminded us that your address had not yet been updated. On July 8th, we asked you to update your application, since it was nearly 2 years old, addressed to your new location. On July 30, you sent us an update and on July 31 we mailed you a specific appointment for the August 8th date you had accepted on July 7th. On August 8th, you telephoned to tell us you didn't receive the communication of July 31 in time to make arrangements to get here.

Mr. Blackmon, in your letter of July 7th, you agreed to be present on August 8th. You picked the day. We merely furnished you with a specific time approximately in the time frame you had previously suggested. Your performance leads us to believe that the reconsideration you requested was unwarranted, and I have no alternative under the Board's "one more time" directive, but to return the application to the Board with the above record and recommendation.

Very truly yours,

F. Mark Edson  
Executive Director

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

SPECIAL BOARD MEETING

NOVEMBER 21, 1980

The special meeting of the State Board of Technical Registration held at 1645 W. Jefferson, Room 315, was called to order by Chairman Wayne O. Earley at 11:30 a.m.

PRESENT:

Wayne O. Earley, Chairman  
Charles E. O'Bannon, Vice-Chairman  
Jimmie R. Nunn, Secretary  
Silas C. Brown, Member  
Hector C. Durand, Member  
Patricia J. Finley, Member  
Rod J. Gomez, Member  
William S. Gookin, Member  
John B. Riggs, Member

ABSENT: Evelyn Epstein  
Asst. Attorney General

F. Mark Edson, Executive Director  
Patricia Wood, Administrative Secretary

Those present constituted a quorum.

1. Review Proposed Staff Diagrams - Alternatives I, II, & III.

A. MOTION: It was moved by Ms. Finley and seconded by Mr. Gookin that the Board adopt personnel staffing Plan II as proposed by Mr. Edson. Dr. O'Bannon moved to amend the motion with the motion that the two professional positions in Plan II be raised to Grade 20, Step 11, and moved that the Administrative Assistant be raised to Grade 17, Step 2, who would serve as Assistant to the Deputy Director. Mr. Gomez seconded this amendment. Motion carried. Shown on Minute Book Page 04632.

B. MOTION: It was moved by Mr. Gookin and seconded by Ms. Finley that in view of the modification to the preceding motion that the cost figures be adjusted appropriately to reflect the increases in the grades approved. Motion carried.

2. Review Revenue and Fund Balances, Consider Fee Increases.
  - A. MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Durand that registration fees be raised to \$30 a year, subject to modification. Motion carried.
  - B. MOTION: It was moved by Mr. Gookin and seconded by Mr. Riggs that steps be taken to the extent possible to increase application fees of registrants as may be necessary, in view of the increased budget which has been proposed, by at least double the present fees. Motion carried.
3. Review Supplemental Appropriation Request to Augment 1980-81 Budget.
  - A. MOTION: It was moved by Mr. Durand and seconded by Mr. Gookin that a supplement to the 1980-81 Budget be submitted to the Legislature to reflect the \$100,000 additional expenditures to be incurred in the adoption of staffing diagram in Plan II. Motion carried. Shown on Minute Book Pages 04636 through 04640.
4. Review Goal Statements and Activity
  - A. MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that the Board authorize the Rules Committee to act for the Board in recommending to Mr. Edson the hiring of a law clerk to amend the Rules and Regulations and that this action should be implemented as soon as possible. Motion carried.
  - B. MOTION: It was moved by Mr. Gookin and seconded by Dr. O'Bannon that in the registration process, upon receipt of applications, the review thereof be performed by the office staff, and each applicant be advised in writing of the recommendation which the staff will make to the full Board. Such notification should include the 20-question quiz to each applicant with a request that the applicant affirm by signed affidavit that he in fact understands the law. The mailing of this quiz will include out-of-state as well as in-state applicants. Each notification shall advise each applicant that he has a right to an evaluation conference provided such a request is made in writing by the applicant.

C. MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Riggs that the preceding motion be tabled until the regular quarterly Board meeting on December 5, 1980. Motion carried.

5. Other Business

- A. Mr. Nunn gave a brief review of his recent attendance at the WCARB Meeting held in San Francisco, November 8, 1980. It was mentioned by Mr. Nunn that an excellent presentation was made by the California representation on enforcement activities. Mr. Nunn brought back several handbooks that were presented during this program. Mr. Nunn mentioned that the California Enforcement Program is now under the Department of Consumer Affairs. Mr. Nunn also mentioned that Oklahoma has now changed the law regarding the time requirement on experience in obtaining professional licensing and that recent Oklahoma architectural registrants should be carefully reviewed.
- B. Dr. O'Bannon suggested to the Chairman that Ms. Finley be assigned to the Rules Committee. Ms. Finley indicated she had spoken with Evelyn Epstein regarding the rules that were submitted and rejected by the Attorney General's Office.
- C. Chairman Earley directed the Executive Director to arrange a meeting between the Board and the Legislative representatives from the House and Senate Sub-committees on Budget as quickly as possible, preferably next Wednesday at the earliest.
- D. Chairman Earley welcomed Mr. Silas Brown, a recent Board appointee who has just returned from Saudi Arabia.
- E. Chairman Earley expressed his appreciation to all Board members for today's attendance.
- F. MOTION: It was moved by Ms. Finley and seconded by Dr. O'Bannon that the meeting be adjourned. Motion carried.

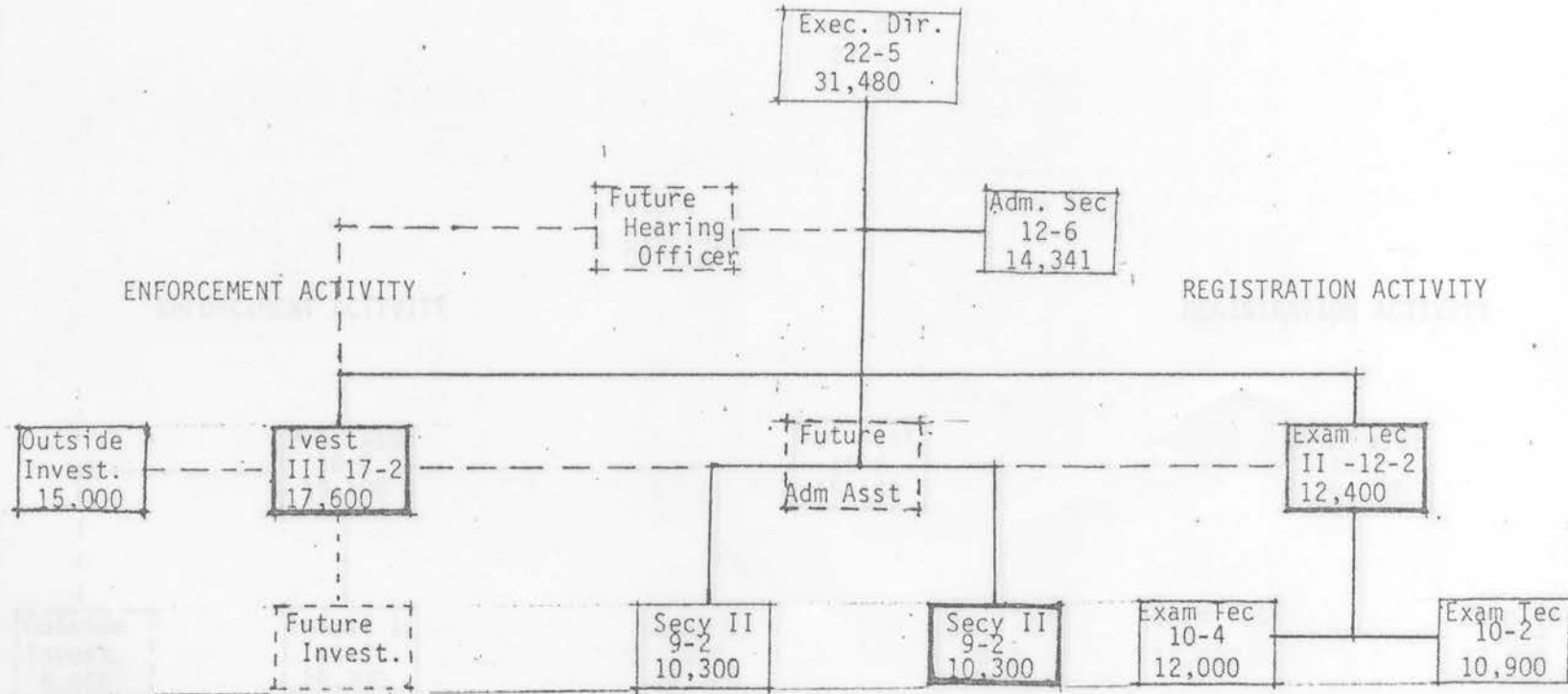
MEETING ADJOURNED - 12:45 p.m.

11/21/80

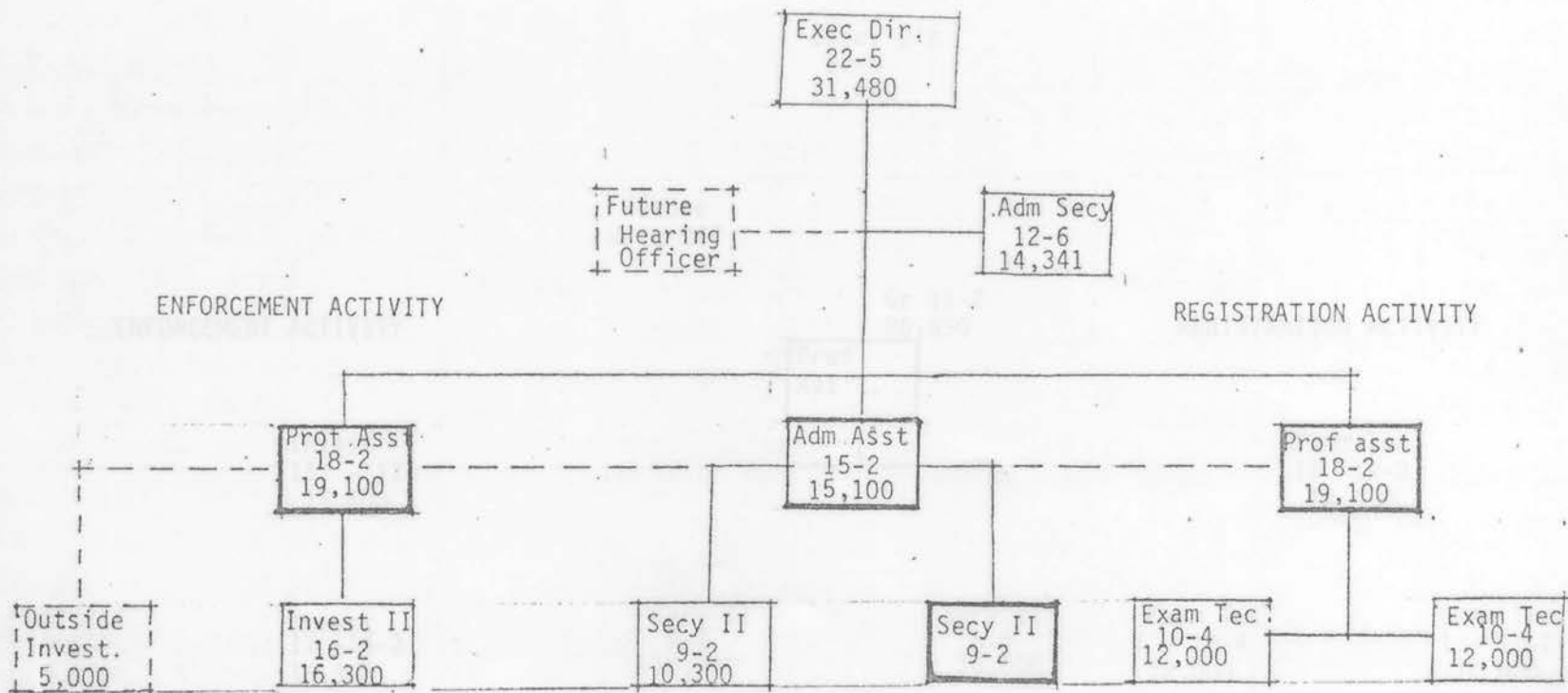
pw



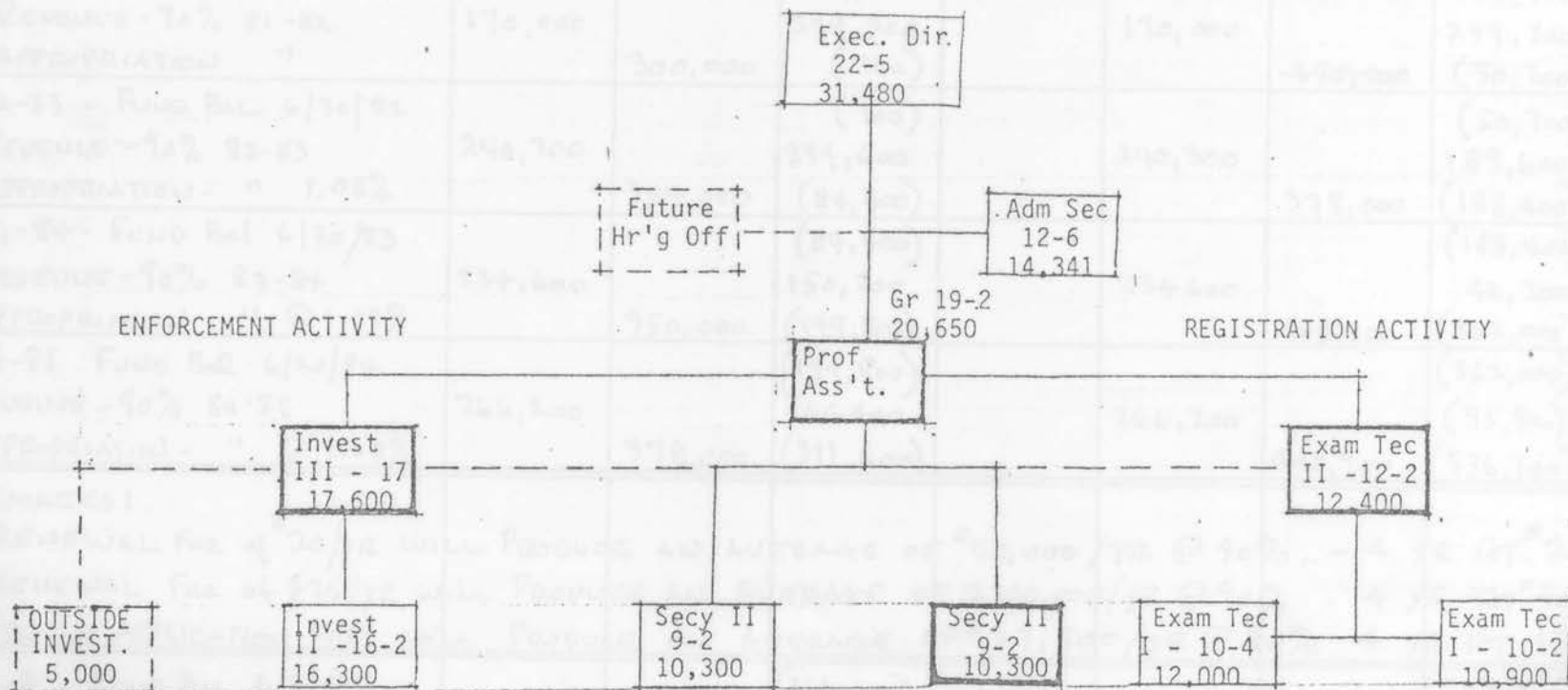
PERSONELL SCHEME I - 8 Full Time Employees plus 1/4 Seasonal - Salary plus related Expense \$147,800



PERSONELL SCHEME II - 10 Full Time Employees - Salary plus related expense \$193,500



PERSONELL SCHEME III - 10 Full Time Employees - Salary plus related expense - \$188,800



Agency BD OF TECHNICAL REGISTRATION

Program CASH FLOW ANALYSIS

Expenditure Classification	300,000 BUDGET LEVEL			350,000 BUDGET LEVEL		
	CREDIT	DEBIT	BALANCE	CREDIT	DEBIT	BALANCE
JUNE 30, 1980 - FUND BAL			93,200			93,200
REVENUE - 90% 80-81	344,200		437,400	344,200		437,400
APPROPRIATION 80-81		210,800	226,600		210,800	226,600
SUPPLEMENTAL APPROP		97,300	129,300		97,300	129,300
1981-82 FUND BAL 6/30/81			129,300			129,300
REVENUE - 90% 81-82	170,000		299,300	170,000		299,300
APPROPRIATION "		300,000	(700)		350,000	(50,700)
1982-83 - FUND BAL 6/30/82			(700)			(50,700)
REVENUE - 90% 82-83	240,300		239,600	240,300		189,600
APPROPRIATION - " 1.08%		324,000	(84,400)		378,000	(188,400)
1983-84 - FUND BAL 6/30/83			(84,400)			(188,400)
REVENUE - 90% 83-84	234,600		150,200	234,600		46,200
APPROPRIATION " @ 1.08%		350,000	(199,800)		408,200	(362,000)
1984-85 FUND BAL 6/30/84			(199,800)			(362,000)
REVENUE - 90% 84-85	266,200		66,400	266,200		(95,800)
APPROPRIATION - " @ 1.08%		378,000	(311,600)		440,900	(536,700)
REMARKS:						
1. RENEWAL Fee of \$20/YR WILL PRODUCE AN AVERAGE OF \$50,000/YR @ 90% - 4 YR TOT. \$200,000						
2. RENEWAL Fee of \$25/YR WILL PRODUCE AN AVERAGE OF \$100,000/YR @ 90% - 4 YR TOT. \$400,000						
3. DOUBLE APPLICATION FEES WILL PRODUCE AN AVERAGE OF \$37,500/YR @ 90% 4 YR TOT. 150,000						
1984-85 FUND BAL 6/30/85			(311,600)			(536,700)
A. RAISE FEES - ITEM 1 & 3 EFFECTIVE 9/30/81	350,000		38,400	350,000		(186,700)
B. RAISE FEES - ITEM 2 & 3 EFFECTIVE 9/30/81	550,000		238,400	550,000		13,300

114635

STATE OF ARIZONA  
SUMMARY OF EXPENDITURES AND BUDGET REQUESTS

APPENDIX "B"

Agency Bd of TECHNICAL REGISTRATION

Program 1980-81 BUDGET SUPPLEMENTAL APPROPRIATION REQUEST

Expenditure Classification	(1) 1980-81 BUDGET DEFICIT	(2) ADDITIONAL SUPPLEMENTAL ITEMS	(3) TOTAL SUPPLE- MENTARY REQUEST	BOARD	(4) RECOMMENDATIONS	(5) RECOMMENDATIONS	FINAL AMOUNT
FTE POSITIONS . . . . .	5.5	10.0	10.0				
PERSONAL SERVICES . . . . .	8,000	28,300	36,300 *				
EMPLOYEE RELATED EXPENDITURES	-	6,000	6,000				
PROFESSIONAL & OUTSIDE SERV.	7,600	21,500	29,100				
TRAVEL - STATE . . . . .	-	1,500	1,500				
TRAVEL - OUT OF STATE . . . . .	-	-	-				
OTHER OPERATING EXPENDITURES	9,400	9,000	18,400				
FOOD . . . . .	-	-	-				
EQUIPMENT . . . . .	-	4,800	4,800				
SUB-TOTAL . . . . .	25,000	71,100	96,100				
OTHER . . . . .							
. . . . .							
TOTAL APPROPRIATED							
ADD FEDERAL FUNDS . . . . .							
ADD OTHER FUNDS . . . . .							
TOTAL PROGRAM							

\* AMENDED TO CONFORM W/ STAFF PLAN II & MINUTES OF NOV. 21  
PERS SERVICES INCLUDE 4 MONTHS OF OPERATIONS 80-81 FY.

9836

SUMMARY OF POSITIONS, PERSONAL SERVICES AND EMPLOYEE RELATED EXPENDITURES

Agency Bcl of TECHNICAL REGISTRATION

Program 80-81 SUPPLEMENTAL APPROPRIATION REQUEST

	1980-81 DEFICIT		ADDITIONAL SUPPLEMENTARY ITEMS		TOTAL REQUEST	BOARD RECOMMENDATIONS						FINAL AMOUNT		
	FTE	Amount	FTE	Amount		FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount	
Boards and Commission . .	-	7,600	-	-	7,600									
Elect & Appoint Positions . .														
Regular Positions . .	5.5	-	6.0	28,231*	28,231									
Overtime . . . .		400	-	-	400									
Other . . . . .														
Rounding Adjustment . .				69	69									
TOTAL - To Schedule 3		8,000		28,300 <del>29,500</del>	36,300 <del>37,500</del>									

EMPLOYEE RELATED EXPENDITURES

MULTIPLIER	////		////			////		////		////		////		////
.7017 % . . .		-		6,000	6,000									
Uniform Allowance . . . .														
TOTAL - To Schedule 3	////		////			////		////		////		////		////

PROFESSIONAL AND OUTSIDE SERVICES

Agency BD OF TECHNICAL REGISTRATION

Program 80-81 SUPPLEMENTAL APPROPRIATION REQUEST

Expenditure Classification	1980-81 DEFICIT	ADD'L SUPPLEML ITEMS	TOTAL REQUEST	BOARD RECOMMENDATION				FINAL AMOUNT
1. <u>DATA PROCESSING</u>	7,600	-	7,600					
2. <u>ENFORCEMENT</u>								
<u>A. OUTSIDE INVESTIGATOR</u> 50 REPORTS @ 300 <sup>00</sup> .		15,000	15,000					
3. <u>LAW CLERK</u>	-	4,500	4,500					
3 MOS @ 18,000 ANN.								
4. <u>PUBLIC CONSUL.</u>	-							
5 NOS @ \$400 <sup>00</sup>	-	2,000	2,000					
Rounding Adjustment								
TOTAL PROFESSIONAL AND OUTSIDE SERVICES - To Schedule 3	7,600	21,500	29,100					

114638

TRAVEL

AGENCY BD OF TECHNICAL REGISTRATION

Program 80-81 SUPPLEMENTAL APPROPRIATION REQUEST

TRAVEL - STATE	80-81 DEFICIT	ADD'L SUPPLEMENTARY ITEMS	TOTAL REQUEST	BOARD RECOMMENDATIONS	FINAL AMOUNT
72510 Mileage & Vehicle Expense . . . . .	-	1,250	1,250		
72520 Subsistence . . . . .	-	250	250		
72530 Public Transportation . . . . .	-				
72540 Other Travel Expenses . . . . .	-				
Rounding Adjustment . . . . .	-				
<b>TOTAL TRAVEL-STATE - To Schedule 3</b>	<b>-</b>	<b>1,500</b>	<b>1,500</b>		

TOTAL VEHICLE MILES

Privately Owned . . . . .					
Motor Pool Vehicles . . . . .					
Agency Vehicles . . . . .					

TRAVEL - OUT OF STATE :

72550 Mileage & Vehicle Expense . . . . .					
72560 Subsistence . . . . .					
72570 Public Transportation . . . . .					
72580 Other Travel Expenses . . . . .					
Rounding Adjustment . . . . .					
<b>TOTAL TRAVEL-OUT OF STATE - To Schedule 3</b>					

01639



Expenditure Classification	1980-81 BUDGET DEFICIT	ADD'L SUPPLEMENT ITEMS	TOTAL REQUEST	BOARD RECOMMENDATIONS	FINAL AMT.
72710 Rent . . . . .	450	-	450		
72720 Utilities . . . . .					
72700 All Other Occupancy . . . . .					
72800 Maintenance & Repairs . . . . .	350	-	350		
73110 Office & Library Supplies . . . . .	-	900	900		
73120 Data Processing Supplies . . . . .					
73100 All Other Office & Inst Supp					
73260 Fuel & Lubricants - Vehicle					
73270 Parts & Supplies - Vehicle . . . . .					
73200 All Other Main, Field Supp . . . . .					
73540 Printing & Photographs . . . . .	8,500	-	8,500		
73540 Postage & Mailing Costs . . . . .	-	1,850	1,850		
73550 Telephone Service . . . . .					
73500 All Other Com & Ship Expen	-	1,500	1,500		
73630 Reproduction Equipment Rent					
73630 Repr. Equip. Lease/Purch.					
73600 All Other Equipment Rental . . . . .	200	-	200		
73600 All Other Equip. Lease/Purch	1,050	1,000	2,050		
73720 Organizational Dues . . . . .	(50)	-	(50)		
73740 Insurance . . . . .	100	-	100		
73760 Education & Training . . . . .	(1,000)	-	(1,000)		
RECOVER REVERTED 1980 FUND					
All Other Operating Expenses	(200)	3,696	3,496		
LESS					
Rounding Adjustment . . . . .		54	54		
TOTAL OTHER OPERATING-To Schedule B	9,400	9,000	18,400		

04610

STATE OF ARIZONA  
PROGRAM INFORMATION

Agency Board of Technical Registration Program 1981-82 Agency Program  
Program Director F. Mark Edson Title Executive Director Phone 255-4053

PROGRAM DESCRIPTION

The State Board of Technical Registration, as a regulatory and enforcement agency, registers architects, assayers, engineers, geologists, landscape architects and land surveyors and regulates the performance within these professions through the promulgation and enforcement of standards of qualification and performance.

PROGRAM GOAL

To provide for the safety, health and welfare of the public by licensing only those applicants who meet the standards of qualifications and by enforcing the regulations by investigating and resolving complaints against those registered by the Board and against non-registrants.

PROGRAM PLANS

To maintain and improve, where necessary, the standards of qualifications for registration in Arizona:

To provide efficient and professional evaluation and examination services.

To investigate all complaints against registrants promptly and thoroughly, to initiate corrective measures to rectify the problems, and to conduct hearings and take disciplinary action as appropriate.

To investigate all complaints against non-registrants accused of practicing in professional fields subject to registration and request the proper law enforcement agencies to prosecute such practices when appropriate.

PROGRAM RESULTS

Board members and staff evaluated 832 applications for registration and 447 in-training applications. Board members conducted 832 personal interviews with registration applicants upon completion by each of short written examination on registration law and rules of the Board. Staff administered 2821 technical and professional examinations (average length: 4 hours) to further qualify applicants for registration. Board granted 654 new professional registrations and 203 new in-training certificates; staff renewed registration certificates for 9124 active registrants.

Staff processed 21 complaints, 9 against registrants, 12 against non-registrants. Board resolved 21 complaints by agreement; 133 complaints currently are in process.

STATE OF ARIZONA  
BUDGET REQUEST FOR THE FISCAL YEAR 1981-1982

Budget Request Approved By \_\_\_\_\_ Chairman of the Board  
 Signature Title Date  
 Budget Request Prepared By F. Mark Edson, Executive Director 255-4053  
 Phone

Agency Board of Technical Registration Fund Sources 90/10 Agency - A.R.S. 32-109  
 Address 1645 W. Jefferson, Suite 315 Technical Registration Fund  
Phoenix, Arizona 85007 21-396-000 (Acct. No.)  
 A.R.S. Citation Title 32, Chapter 1, as amended

RECEIPTS

Source of Revenue	Name of Fund	Actual 1979-1980	Estimated 1980-1981	Estimated 1981-1982
Renewal Fees & Penalties	-	132,092	303,800	231,200
Application Fees	-	34,425	37,300	60,500
Examination Fees	-	34,388	38,600	42,300
Miscellaneous Fees	-	488	11,600	500
	Totals	201,393	391,300	334,500
	10% to General Fund	20,139	39,100	33,500
	90% to Tech Reg Fund (Acct 21-396-000)	181,254	352,200	301,000
*Start of Triennial Renewal System (A.R.S. 32-127)				

STATE OF ARIZONA  
SOURCE AND DISPOSITION OF FUNDS

Agency Board of Technical Registration

		1979-1980	1980-1981	1981-1982
<b>SOURCE OF FUNDS</b>				
Balance Forward From Prior Year (Specify) Tech Reg Fund 21-396-000		78,924	93,218	234,618
General Fund Appropriation				
Other Appropriated Funds (Specify)				
90% of Tech Reg Board receipts (from Schedule 1)		181,254	352,200	301,000
Federal Funds				
Other Unappropriated Funds (Specify)				
<b>TOTAL</b>		<b>260,178</b>	<b>445,418</b>	<b>535,618</b>
<b>DISPOSITION OF FUNDS</b>				
Expenditures				
Land, Buildings and Improvements				
Other (Specify) appropriation		172,100	210,800	359,500
Amount Reverted		(5,140)	-	-
Balance Forward to Next Year		93,218	234,618	176,118
<b>TOTAL</b>		<b>260,178</b>	<b>445,418</b>	<b>535,618</b>

104613

STATE OF ARIZONA  
SUMMARY OF EXPENDITURES AND BUDGET REQUESTS

Agency Board of Technical Registration

Program Registration, Enforcement & Peer Review

Expenditure Classification	(1) Actual Expenditures 1979-1980	(2) Estimated Expenditures 1980-1981	(3) Increase (Decrease)	EBO Use Only	(4) Program Change	EBO Use Only	(5) Request 1981-1982	Recommend 1981-1982
FTE POSITIONS . . . . .	4	5.5	//////////		2.5		8	
PERSONAL SERVICES . . . . .	63,463	91,300	3,450		85,550		180,300	
EMPLOYEE RELATED EXPENDITURES	10,492	15,800	600		14,800		31,200	
PROFESSIONAL & OUTSIDE SERV.	47,320	37,300	3,800		10,400		51,500	
TRAVEL - STATE . . . . .	4,300	8,200	2,000		4,500		14,700	
TRAVEL - OUT OF STATE . . . . .	3,600	5,000	500		-		5,500	
OTHER OPERATING EXPENDITURES	37,252	44,500	5,250		17,550		67,300	
FOOD . . . . .								
EQUIPMENT . . . . .	444	6,000	(5,400)		5,700		6,300	
SUB-TOTAL . . . . .	166,960	208,100	10,200		138,500		356,800	
OTHER *pd. out. on 79-80 comm.		2,700					2,700	
Reverted to Tech Reg Fund . .	5,140							
TOTAL APPROPRIATED	172,100	210,800	10,200		138,500		359,500	
ADD FEDERAL FUNDS . . . . .								
ADD OTHER FUNDS . . . . .								
TOTAL PROGRAM								

44760

SERVICE MEASUREMENTS

Agency Board of Technical Registration

Program Registration

Record System is based on Calendar Year Service Measurements	Actual 1977-base yr	Actual 1978	Actual 1979	Estimated 1980	Amount of Difference	Estimated 1981
as of Dec. 31st - each year						
No. of Registrants in good standing	7,369 (100%)	8,024 (109%)	8,880 (121%)	9,725 (132%)	800	10,525 (143%)
No. of Professional application in practise	666 (100%)	729 (109%)	832 (125%)	915 (137%)	60	975 (146%)
No. of In-Training applications - total	245 (100%)	327 (133%)	356 (145%)	394 (161%)	84	478 (195%)
Architects-in-training	21 (100%)	49 (233%)	87 (414%)	94 (448%)		115 (546%)
Engineers-in-training	220 (100%)	268 (122%)	257 (117%)	282 (128%)		300 (136%)
Geologists-in-training	1	6 (100%)	5 (83%)	6 (100%)		8 (133%)
Landscape Architects-in-training	3 (100%)	4 (133%)	7 (233%)	12 (400%)		15 (500%)
Land Surveyors-in-training	-	-	-	-		40 -
No. of Registrations Granted	549 (100%)	582 (106%)	654 (119%)	712 (130%)	60	772 (141%)
No. of In-Training certificates granted	153 (100%)	192 (125%)	203 (133%)	220 (144%)	20	240 (157%)
AS OF JUNE 30th	1977-1978	1978-79	1979-1980	1980-1981		1981-1982
No. of examinations given - total	1,735 (100%)	2,385 (137%)	2,821 (163%)	3,300 (190%)	400	3,700 (213%)
Architects		811	1,001			
Engineers		1,400	1,612			
Geologists & Assayers		18	18			
Landscape Architects		40	62			
Land Surveyors		116	128			

04615

SERVICE MEASUREMENTS

Agency Board of Technical Registration

Program Enforcement & Peer Review (New)

Records are based on Calendar Year Service Measurements	Actual 1977	Actual 1978	Actual 1979	Estimated 1980	Amount of Difference	Estimated 1981
<u>AS OF DECEMBER 31st EACH YEAR</u>						
<u>Enforcement</u>						
Cases carried from past year	-	-	-	15		125
No. of complaints initiated:	6	10	34	160	50	210
Total in process	6	10	34	175		335
No. of complaints concluded:	6	10	21	50	50	100
continued to next year	-	-	15	125		235
<u>AS OF JUNE 30th EACH YEAR</u>						
<u>Peer Review</u>						
Oversight responsibility goals						
A. Visitations to Agencies	-	-	-	80	100	180
B. Seminars for Agencies & Assoc.	-	-	-	6	6	12
No of agency contacts	-	-	6	40		
No of visitations completed						
No of seminars given						

1967

SUMMARY OF POSITIONS, PERSONAL SERVICES AND EMPLOYEE RELATED EXPENDITURES

Agency Board of Technical Registration

Program Registration, Enforcement & Peer Review

	Actual 1979-1980		Estimated 1980-1981		Increase (Decrease)	EBO Use Only	Program Change		EBO Use Only		Request 1981-1982		Recommend 1981-1982	
	FTE	Amount	FTE	Amount			FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
Boards and Commission . .	-	480	-	-	-		-	8,100			-	8,100		
Elect & Appoint Positions . .		-		-	-		-	-			-	-		
Regular Positions . .	4	62,966	5.5	90,800	3,426		4.5	77,450			10	171,676		
Overtime . . .		497		500	-			-				500		
Other . . . . .		-		-	-			-				-		
Rounding Adjustment . .		-		-	24							24		
TOTAL - To Schedule 3	4	63,463	5.5	91,300	3,450		4.5	85,550			10	180,300		

EMPLOYEE RELATED EXPENDITURES

MULTIPLIER	////		////				////		////		////		////	
0.1731 % . .	////	10,492	////	15,800	600		////	14,800	////		////	31,200	////	
Uniform Allowance . . .														
TOTAL - To Schedule 3	////		////				////		////		////		////	

Revised 11/25/80

SCHEDULE 5\*  
Page No. 7

1120









BUDGET JUSTIFICATION

Agency Board of Technical Registration

Program \_\_\_\_\_

Position Changes - Schedule 6

1. Enforcement & Peer Review Program - CURRENT FTE: 1 1/2 (new in FY 80-81) - Proposed change 1.5

A. Expand clerical support for the program by 1/2 FTE. Full time clerical support is necessary to expedite preparation of case reports for Board action.

B. Expand Investigative support by one FTE to assist with following case load in reaching the goal described by PI 3 - Page 24 : (Two positions are requested which will result in transfer of one Adm.Asst. position to Administrative duties - The purpose of this request is to establish a salary structure for two positions in line with the delegated responsibility.)

Fiscal Year 1980-1981                      1st quarter actual                      Balance of year estimate

Cases brought forward from fiscal year 1979-1980	91	130
New complaints	41	125
Total in process	132	255
Cases processed through Board level subject to closing paper	11	75
Cases closed	2	65
Cases carried forward	130	190

Since this is a new program - no statistics are available as of September 1980 concerning the staff level required to service and investigate a given number of cases in a given time.

Information will be updated at the end of 2nd Quarter, Fiscal Year 1980-1981.

2. Registration Program - CURRENT FTE: 2; proposed level 3

A. Add Professional Assistant to supervise and upgrade performance of Section and perform evaluation functions as shown on PI 3, page 23. There have been 2 FTE's in this section since 1968, workload has increased as follows:

	<u>1968-1969</u>	<u>1980-1981</u>
Registrations renewed	3,993	9,800
Applications received	491	1,309
Registration granted	378	932
Examinations given	300	3,300

B. Page PI 3 page 23, shows statistical measurement indicating a gradual decline in service, this new position is intended to restore an adequate level of service meeting the agency goal.

PROFESSIONAL AND OUTSIDE SERVICES

Agency Board of Technical Registration

Program Registration, Enforcement & Peer Review

Expenditure Classification	Actual 1979-1980	Estimated 1980-1981	Increase (Decrease)	EBO Use Only	Program Change	EBO Use Only	Request 1981-1982	Recommend 1981-1982
<u>Registration Program</u>								
Data Processing & Microfilming of record systems	12,972	2,700	300		3,900		6,900	
Cost of examinations, including material, personnel, facilities grading & appeals	30,080	31,600	3,000		-		34,600	
<u>Enforcement Program</u>								
Investigation & hearings	4,598	3,000	500		1,500		5,000	
Public Information Consultant	-	-	-		5,000		5,000	
Rounding Adjustment		-	-					
TOTAL PROFESSIONAL AND OUTSIDE SERVICES - To Schedule 3	47,650	37,300	3,800		10,400		51,500	

04652

BUDGET JUSTIFICATION

Agency Board of Technical Registration

Program \_\_\_\_\_

Professional and outside services

A. Data Processing Services

Statutory change in the renewal system from annual to staggered triennial system will require a three-fold increase in the amount of computer processing runs. 1) Coupled with the change in programming to produce the new renewal system, we are expanding the file systems stored in the data file, and requesting under Schedule 9, the authority to establish a direct terminal CRT in our office for maintenance of that expanded file system. Currently, we maintain two files, the office card system, and the computer disk file. This proposed change is a step toward eliminating the manual clerical work required to maintain our card system and will ultimately result in that saving in maintenance work we do.

1) Data Center Communication received September 19, 1980, indicating annual operating cost change for the above system revision.

a) Microfische Processing	600.00
b) Computer time	5,600.00
Total	6,200.00
add normal microfilming cost	700.00
	6,900.00

B. Enforcement Program

Increased volume of enforcement activity will require an increase in cost of formal hearings, principally for court reporting services, and quick spot checks of investigative material to fill in evidence requirements requested by Attorney for successful prosecution of actions.

C. Public Information Consultant

This consultant will provide public information skills required to comply with the Legislative mandate expressed in Chap. 250 of the 1980 Session Laws, Sec. 24 - B2, to inform "the public and registrants of its (the Board's) oversight responsibilities and the results of its disciplinary programs. This consultant will give the Board the same expertise as is available to larger agencies through staff positions of "Public Information Officer."

TRAVEL

Agency Board of Technical Registration Program Registration, Enforcement & Peer Review

TRAVEL - STATE	Actual 1979-1980	Estimated 1980-1981	Increase (Decrease)	EBO Use Only	Program Change	EBO Use Only	Request 1981-1982	Recommended 1981-1982
72510 Mileage & Vehicle Expense . . . . .	2,495	5,000	1,480		3,600		10,080	
72520 Subsistence . . . . .	1,298	2,100	300		900		3,300	
72530 Public Transportation . . . . .	449	900	100		-		1,000	
72540 Other Travel Expenses . . . . .	52	200	50		-		250	
Rounding Adjustment . . . . .	6	-	70				70	
TOTAL TRAVEL-STATE - To Schedule 3	4,300	8,200	2,000		4,500		14,700	

TOTAL VEHICLE MILES

Privately Owned . . . . .	14,676	27,000	-		15,000		42,000	
Motor Pool Vehicles . . . . .	-	-	-		-		-	
Agency Vehicles . . . . .	-	-	-		-		-	

TRAVEL - OUT OF STATE

72550 Mileage & Vehicle Expense . . . . .	-	-						
72560 Subsistence . . . . .	1,237	1,800	200		-		2,000	
72570 Public Transportation . . . . .	1,944	2,200	300		-		2,500	
72580 Other Travel Expenses . . . . .	398	1,000	-		-		1,000	
Rounding Adjustment . . . . .	21							
TOTAL TRAVEL-OUT OF STATE - To Schedule 3 . . . . .	3,600	5,000	500		-		5,500	

114651

BUDGET JUSTIFICATION

Agency Board of Technical Registration

Program \_\_\_\_\_

Schedule 2 - Travel

Vehicle expense & subsistence - Program change \$4,500

a. 3/4 of this increased mileage and subsistence (\$3,300.00) is due to the fully developed operation of the Boards Peer Review Program and related Enforcement case investigations, particularly with the smaller out-county areas. We are programming regular visitation to Casa Grande, Tucson, Nogales, Sierra Vista, Douglas, Bisbee, Safford, Duncan, Show Low, and Springville, Holbrook, Window Rock, Flagstaff, Cottonwood, Prescott, Kingman, Lake Havasu City, Parker and Yuma.

b. 1/4 of the increased expense (\$1,200.00) is requested to support the field investigation expense associated with the requested new investigator position.

1100	all other travel - field	5,125	2,500	500	3,125
1101	fuel - vehicles				
1102	tolls & supplies - vehicles				
1103	all other travel - field				
1104	traveling & photography	5,125	2,500	500	3,125
1105	mileage & parking costs	2,242	2,250	2,250	2,250
1106	telephone service	2,750	2,200	100	2,300
1107	all other travel & field	767	400	40	2,107
1108	reproduction equipment				
1109	travel, field investigation	1,200	1,100		1,100
1110	all other travel - field		200	20	200
1111	all other travel - home/field				
1112	reproduction - field	2,168	2,000	500	2,168
1113	insurance	215	100	10	215
1114	conferences & training		2,000	11,500	13,500
1115	all other purchasing expenses	1,270	1,200		1,270
1116	printing expenses			20	20
TOTAL	all other travel - field	17,752	14,100	3,300	17,752

04655



## OTHER OPERATING EXPENDITURES

Agency Board of Technical Registration

Program Registration, Enforcement &amp; Peer Review

Expenditure Classification	Actual 1979-1980	Estimated 1980-1981	Increase (Decrease)	EBO Use Only	Program Change	EBO Use Only	Request 1981-1982	Recommend 1981-1982
72710 Rent . . . . .	8,125	8,100	1,600		1,850		11,550	
72720 Utilities . . . . .	-	-	-		-		-	
72700 All Other Occupancy . . . . .	198	200	15		-		215	
72800 Maintenance & Repairs . . . . .	443	500	50		550		1,100	
73110 Office & Library Supplies . . . . .	5,123	6,200	620		400		7,220	
73120 Data Processing Supplies . . . . .	-	300	30		-		330	
73100 All Other Office & Inst Supp	-	-	-		-		-	
73260 Fuel & Lubricants - Vehicle	-	-	-		-		-	
73270 Parts & Supplies - Vehicle . . . . .	-	-	-		-		-	
73200 All Other Main, Field Supp . . . . .	-	-	-		-		-	
73510 Printing & Photographs . . . . .	5,103	7,500	900		5,000		13,400	
73540 Postage & Mailing Costs . . . . .	9,242	9,600	2,880		1,850		14,330	
73550 Telephone Service . . . . .	2,270	3,000	180		-		3,180	
73500 All Other Comm & Ship Expen	747	400	40		1,500		1,940	
73630 Reproduction Equipment Rent	-	-	-		-		-	
73630 Reprod. Equip. Lease/Purch.	1,207	1,100	-		-		1,100	
73600 All Other Equipment Rental . . . . .	191	200	20		-		220	
73600 All Other Equip. Lease/Purch	-	-	-		6,400		6,400	
73720 Organizational Dues . . . . .	3,168	3,800	380		-		4,180	
73740 Insurance . . . . .	215	400	15		-		415	
73760 Education & Training . . . . .	-	2,000	(1,500)		-		500	
All Other Operating Expenses	1,230	1,200	-		-		1,200	
Rounding Adjustment . . . . .	-	-	20		-		20	
TOTAL OTHER OPERATING-To Schedule 3	37,252	44,500	5,250		17,550		67,300	

14656

## BUDGET JUSTIFICATION

Agency Board of Technical Registration

Program \_\_\_\_\_

Other operating expenditures - Schedule 9 - Program change \$17,550

72710 Rent-\$1,850.00 - Increase due to additional space required for new personnel - 1980-1981 amended budget

72800 Maintenance & Repairs - \$550.00 - Maintenance agreements associated with new lease purchase equipment - acct. 73600

73110 Office Supplies \$400.00 - to accommodate requirements of new positions.

73510 Printing & Photographs - \$5,000 - Increase required for printing of documents for sale to clients of the Agency including a) numerical roster of registrants (\$2,000) b) excerpts from Arizona Revised Statutes - Reference guide for Land Surveyors - the above amounts are recovered and go back to Technical Fund - printing cost is front money for production of the for sale documents.

73540 - Postage - \$1,850 - Front money for mailing "for sale" publications of the Board, recoverable on sale of the document. Funds go back to the Technical Fund.

73500 - All other commercial expense - \$1,500 -additional cost of publication (Advertising) public meeting notices for special Board Meetings associated with hearings on Rule changes and Enforcement proceedings.

73600 - All other equipment lease purchase: \$6,440.00 - this figure consolidates 2 lease packages with the following equipment:

a) Upgrade mail room facilities: We propose to replace a manually fed postage meter head and a manually fed letter opener with the following equipment:

- 1) Mailing Machine - this machine will automatically feed, seal and stamp postage, saving an estimated 40 hour of clerical time/month or an annual saving of \$2,640. PB Model 5600
- 2) Mail opener - this machine will automatically feed and open incoming mail, saving an estimated .10 hour of clerical time/month or an annual saving of \$660. PB Model 1225.
- 3) Scale - This machine accurately provides correct postage amount for each batch of similar items.
- 4) Mail room table to accommodate above equipment. PB Model 3226 L0.

b) Automate accounting of renewal receipts

- 1) Tickometer- this machine will count and endorse all renewal checks automatically with extreme accuracy, replacing a manual function and sequence that requires approximately 750 hours of clerical time to process or an annual cost of approximately \$3,750.00. The use of the tickometer will result in an annual saving of approximately \$2,400 in this process. PB Model TIC-ET.

Agency Board of Technical Registration Program                     

Other operating expenditures (continued)

73600 - All other equipment lease purchase.

- c) EDP Equipment - CRT Terminal in office of the Board for direct maintenance of files located in the Data Center. This equipment will ultimately result in suspension of duplicate maintenance work on manual card files in our office and the data center files. Full cost benefit study will be forwarded for consideration of the special sign-off committee under directive of the assistant director, Data Processing Division.

Files - 5 drawer

100

Shelving - metal 12" x 24"

200

Secretarial chairs

100

Files - 3 drawer

100

Post-Office Dictating Machine

100

Item No.	Type of Equipment and Description	Unit Cost	REPLACEMENT EQUIPMENT			NEW EQUIPMENT			Request 1981-1982	Recommend 1981-1982
			No.	Amount	EBO Use Only	No.	Amount	EBO Use Only		
1	Office set-up Administrator with desk extension	574				2	1,150			
2	Office set-up Clerical	1439				2	2,880			
3	Files - 5 drawer	242				2	484			
4	Shelving - metal 12" x 84"	219				2	434			
5	Secretarial chairs	180	3	540						
6	Files - 2 drawer	160				3	480			
7	Mini-cassette Dictating Machine	140				2	280			
Rounding Adjustment				60			(08)			
Sub-Total . . . . .				600		////	////	////	////	
LESS 1980-1981 Estimated Expenditures . . . . .				6,000		////	////	////	////	
		Actual 1979-1980	Estimated 1980-1981	////	////	////	////	////	////	
TOTAL EQUIPMENT - To Schedule B			2,040	6,000	(5,400)	////	5,700	6,300	////	
					(Increase/Decrease)				(Program Change)	

04659

Agency Board of Technical Registration

Program \_\_\_\_\_

Equipment - Schedule 10 - \$3,000

Items

- 1 & 2 - Office set-ups required to accommodate new proposed positions.
- 3 - 5 drawer files - required to accommodate growth in application, examination, registration, and complaint files.
- 4 - Shelving required to accommodate growth in library and Board Archives.
- 6 - Work station files for three new positions.
- 7 - Equipment required for performance of investigation functions. Two new work stations.

Storage	1,000
All other costs (unspecified)	200
Equipment lease	1,800
Schedule 10 - Office Equipment (3,000)	3,000
<b>PERSONNEL &amp; PERFORM. ACTIVITY</b>	
Schedule 5 - Travel & Conferences	1,000
Reg. Fees (incl.)	10,000
Gov. salaries	5,000
Schedule 7 - Inv. & meetings	1,000
Schedule 8 - Travel	1,000
Schedule 9 - Misc.	1,000
Schedule 10 - All other (unspecified)	1,000
Schedule 10 - Office (3,000)	3,000
Schedule 11 - Public Information Campaign	1,000
Schedule 12 - Office Supplies	100

SUMMARY OF POLICY ISSUES

Agency Board of Technical Registration

Program Agency

Agency Priority Number	Program Priority Number	New	Activity Title	Request 1981-1982		Recommend 1981-1982	
				FTE	Amount	FTE	Amount
2			<u>REGISTRATION ACTIVITY</u>	1	59,860		
			Schedule 5 - Board and Committee		\$ 4,000		
			Regular Positions		28,225		
			Employee related		6,250		
			Schedule 7 - Data Processing		3,900		
			Schedule 9 - Rent		425		
			Maintenance & repair		550		
			Printing		5,000		
			Postage		1,850		
			All other comm (advertising)		750		
			Equipment Lease		6,400		
			Schedule 10 - Office Equipment (2,3,4)		2,510		
	1		X	<u>ENFORCEMENT &amp; PEER REVIEW ACTIVITY</u>	1.5	78,640	
			Schedule 5 - Board & Committee		4,100		
			Reg Positions		49,225		
			Emp related		8,550		
			Schedule 7 - Inv. & hearings		1,500		
			Schedule 8 - Travel		4,500		
			Schedule 9 - Rent		1,425		
			All other Comm (Advertising)		750		
			Schedule 10 - Office Equip (1)		3,190		
			Schedule 7 - Public Information Consultant		5,000		
		Schedule 9 - Office Supplies		400			
TOTAL OF PROGRAM CHANGE (from Schedule 3, Column 4)				4.5	138,500		

194661

STATE OF ARIZONA  
ITEMIZED SUMMARY OF POLICY ISSUES

Agency Board of Technical Registration

Program Agency

PRIORITY NO.	1	2						
FTE POSITIONS . . . . .	2.5	2						
PERSONAL SERVICES . . . . .	53,325	32,225	Refer also to Budget Justification page 8, § 11					
EMPLOYEE RELATED . . . . .	8,550	6,250						
PROFESSIONAL SERVICES . . . . .	6,500	3,900	Refer also to Budget Justification page 13					
TRAVEL - STATE . . . . .	4,500		Refer also to Budget Justification page 15					
TRAVEL - OUT OF STATE . . . . .	-	-						
OTHER OPERATING EXPEND . . . . .	2,575	14,975	Refer also to Budget Justification Page 17 § 18					
FOOD . . . . .	-	-						
EQUIPMENT . . . . .	3,190	2,510	Refer also to Budget Justification page 20					
SUB-TOTAL . . . . .	78,640	59,860						
OTHER . . . . .	-	-						
. . . . .								
. . . . .								
TOTAL APPROPRIATED . . . . .								
. . . . .								
. . . . .								
TOTAL . . . . .	78,640	59,860						

14662

Agency Board of Technical Registration Program Agency Activity Title Registration  
 Agency Priority Number 2 Program Priority Number \_\_\_\_\_ Contact F. Mark Edson Phone 255-4053

PROBLEM OR ISSUE

The Agency response to Registration activity is gradually deteriorating due to increased levels of demand on the program. From Base year 1977, total number of Registrants has increased 143%, total number of professional and in-training applications per year has increased 159% and total number of exams given has increased 213%. Refer to page 5.

OBJECTIVE TO BE REACHED

Process, examine and register all persons who meet the Board's requirements, without processing delays due to staff overload. Prompt response is in the best public interest.

CONSEQUENCES OF NOT FUNDING OBJECTIVE

Agency response will continue to deteriorate - causing increasing complaints and causing increased delays in external project progress through municipal plan review and permit issuance dependent under the law on the registration process. Delays in Registration can slow down literally millions of dollars of construction activity.

MEANS OF ACCOMPLISHING OBJECTIVE (Also list alternatives)

	1980-1981		1981-1982	
	FTE	Amount	FTE	Amount
1. Add supervisory examiner position and other related improvements to maximize the full potential of the Registration activity staff.	3.75	150,050	5.25	188,748
2. Provide a lesser secretarial support position to relieve the examiners of typing responsibility, and use outside consultants to supervise examination activity.	-	-	4.75	216,000

METHODS OF EVALUATING OBJECTIVE

Compare the quotient of Professional Registrations divided by the number of professional applications and compare it with the historical performance record.

$\frac{R \text{ (No. of Professional Registrations annually)}}{A \text{ (No. of Professional applications annually)}} = Q$	Year	1974	1975	1976	1977	1978	1979	1980	1981	
	R/A=Q	0.87	0.86	0.89	0.83	0.80	0.79	0.78	0.87	(goal)

194653



Agency Board of Technical Registration Program Agency Activity Title Enforcement & Peer Review  
 Agency Priority Number 1 Program Priority Number \_\_\_\_\_ Contact F. Mark Edson Phone 255-4053

PROBLEM OR ISSUE

Per requirements of ARS 32-101 & Session Laws 1980, Chapter 250, can the Agency respond promptly to consumer complaints, investigate matters where necessary, evaluate them, and produce an equitable decision within a reasonable length of time, and adequately report disciplinary actions to the public and constituents of the agency?

OBJECTIVE TO BE REACHED

Goal for reasonable turn around time is 3 months from receipt of complaint to Board decision specifying appropriate resolution of complaint, plus 3 months to conclude action based on Board's action specification. Objective is to close as many files as their are cases received, based on 6 months total turn-around time.

CONSEQUENCES OF NOT FUNDING OBJECTIVE

Agency response will deteriorate or not approach the activity goal, thus giving an unresponsive image to the Enforcement Activity of the Agency, and to the mandate of the legislature as expressed in Session Laws 1980, Chapter 250.

MEANS OF ACCOMPLISHING OBJECTIVE (Also list alternatives)

	1980-1981		1981-1982	
	FTE	Amount	FTE	Amount
1. Provide additional investigative & clerical support, and related ancillary facilities to accomplish the objective. See further background on page <u>6</u> and page <u>11</u> .	1.75	60,748	4.75	170,752
2. Hire outside consultants to fill the gap.	-	-	3.75	185,000

METHODS OF EVALUATING OBJECTIVE

Compare annual quotient of total complaint concluded (closed) divided by total complaints received.

$$\frac{C \text{ (complaints concluded)}}{C_T \text{ (total complaints received)}} = 1. \text{ Agency goal}$$

14653

STATE OF ARIZONA  
PRIORITIZATION OF BASE ACTIVITIES

Agency Board of Technical Registration Program Agency

Agency Priority Number	Program Priority Number	Exchange	80% of Estimated Expenditures (Appropriated) 1980-1981 - Schedule 3	
			FTE	Amount
Activity Title				
2				15,500
1				7,500
TOTAL ESTIMATED EXPENDITURES (Appropriated) 1980-1981, from Schedule 3			5.5	210,800

EMPLOYEE RELATED EXPENDITURES WORKSHEET

Agency Board of Technical Education Fund Technical Education Fund 21-776-000

Total 1980-1981 Personal Services \$ 91,300 For 1980 Program

EMPLOYEE RELATED EXPENDITURES

F.I.C.A.	FTE No.	Personal Services		Rate Factor	Amount
Number of FTE Positions Grade 23 and Above	-	//////////	X	\$2054	-
Personal Services Amount (\$) Grade 22 and Below*	//////////	91,300	X	.0668	6,099
*Less Amount paid Board Members on Per Diem Basis				Sub-Total	6,099

EMPLOYEE RELATED EXPENDITURE MULTIPLIER  
(Total Employee Related Expenditures divided by Total Personal Services)

To Schedule 5 .1731 %

<i>Blue Sheet</i>	Pers Servs 1980-1981		Rate Factor	Amount
Workmens Compensation Insurance	91,300	X	.0040	365
Unemployment Insurance	91,300	X	.002	183
State Retirement **	91,300	X	.07	6,391
Public Safety Retirement		X		
Elected Official's Retirement		X	.1296	
Personnel Division Services	91,300	X	.011	1,004
**Less Temporary & Part-Time Positions, Boards and Commissions	Sub-Total			7,943

The Employee Related Expenditure Multiplier Percentage Rate is used to calculate the Employee Related Expenditure. Costs shown on Schedule 5. Uniform Allowance amounts are to be added in on Schedule 5.

HEALTH & ACCIDENT INSURANCE	No. FTE Positions		Rate Factor	Amount
Employee Only \$43 x 12	2	X	\$ 516	1032
Employee and Dependents \$80 x 12	-	X	\$ 960	-
Family-Both State Employees \$86.50x12	-	X	\$1038	-
LIFE AND DISABILITY INSURANCE \$11 x 12	5.5	X	\$ 132	732
Sub-Total				1764
TOTAL EMPLOYEE RELATED EXPENDITURES				15863

Approved By \_\_\_\_\_ Agency \_\_\_\_\_  
Date \_\_\_\_\_  
Verified By \_\_\_\_\_ EEO Analyst \_\_\_\_\_  
Date \_\_\_\_\_  
Verified By \_\_\_\_\_ JLBC Analyst \_\_\_\_\_  
Date \_\_\_\_\_

MILEAGE AND VEHICLE EXPENSE WORKSHEET

1981-1982

PRIVATELY OWNED VEHICLES

Total estimated expenditures: Total miles 37,500 x \$0.21 = 9,000

MOTOR POOL VEHICLES

Vehicle Type	Number of Vehicles	Daily Charge			Mileage Charge			Total Charges (G)=(C)+(F)
		Days Vehicle Used (A)	Daily Charge Rate (B)	Daily Charges (C) = (A)x(B)	Miles Driven (D)	Rate (E)	Mileage Charges (F) = (D)x(E)	

AGENCY OWNED VEHICLES

Vehicle Type	Number of Vehicles	Total Estimated Miles (A)	Estimated Fuel Costs		Estimate of Repair Costs (E)	Total Cost (F)=(D)+(E)
			Number of Gallons (B)	Cost Per Gallon (C)		

SUMMARY

	Total Miles	Total Cost
Privately Owned Vehicles	37,500	9,000
Motor Pool Vehicles <i>no allowance from motor</i>		
Agency Owned Vehicles <i>included in this total</i>		
<i>Cost over the TOTAL to Agency</i>		

NOTE: Total Cost and Total Miles should be the same as reported on Schedule S.