



FOR USE BY
SECRETARY OF STATE

05047

Rose Mofford
Secretary of State

State of Arizona
Capitol, West Wing, Suite 706
Phoenix 85007

CERTIFICATION OF RULES

BOARD OF TECHNICAL REGISTRATION

(Name of Agency, Board, Commission, Department, Officer)

The undersigned hereby certifies that the attached rule(s) were:

ADOPTED New Sections R4-30-01, R4-30-13, R4-30-14, R4-30-16, R4-30-17, and
a new Article 3 including new Sections ^{A.C.R.R. Rule No.(s)} R4-30-27, R4-30-28, R4-30-29, and
R4-30-30.

AMENDED Section R4-30-15.

A.C.R.R. Rule No.(s)

REPEALED Old Sections R4-30-01, R4-30-13, R4-30-14, R4-30-16, R4-30-17,
R4-30-27, R4-30-28, R4-30-29, ^{A.C.R.R. Rule No.(s)} R4-30-30, and R4-30-31.

pursuant to the authority vested in this agency by A.R.S. §§ 32-106, 32-124, and 32-127

The notice, R101, was filed on March 17, 1981 ^(General authority and specific authority, if any) and the public hearing was
conducted on April 17, 1981 ^(date). The above referenced rule(s) were formally adopted on _____
^(date) ^(date)

The effective date of this action is to be:

- date filed with the Office of the Secretary of State
- other (pursuant to A.R.S. § 41-1005)

(date)

For Attorney General's Office Use Only
A.G. Rule No. _____
APPROVED AND CERTIFIED pursuant
to A.R.S. § 41-1002.01 this _____
day of _____, 19____

BOB CORBIN _____
Attorney General

Signature of Officer
F. Mark Edson
Typed name
Executive Director
Title

Date

An original and two (2) copies of the Certification form with required attachments, shall be filed following certification by the Attorney General. All filings shall be in the form required by this Office (A.C.R.R. R1-2-207).

ORDER OF RULE ADOPTION

Pursuant to A.R.S. § 32-108, the State Board of Technical Registration hereby adopts the following rule, subject to the certification of the Attorney General to be effective on filing with the Secretary of State of Arizona.

1 Part 1. Section R4-30-01, Applications, General, is repealed and

2 a new section R4-30-01 is adopted to read as follows:

3 R4-30-01 Applications, General (REF A.R.S. § 32-123)

4 A. THE FOLLOWING GENERAL REQUIREMENTS AND PROCEDURES SHALL APPLY
5 WITH RESPECT TO APPLICATIONS FOR REGISTRATION.

6 1) APPLICATIONS MUST BE COMPLETE PRIOR TO EVALUATION, INCLUDING
7 ALL INFORMATION REQUIRED BY THE APPLICATION FORM, ANY TRAN-
8 SCRIPTS REQUIRED AS PART OF THE TOTAL EXPERIENCE CREDIT,
9 COMPLETE RESPONSES FROM ALL REQUIRED REFERENCES, SIGNED
10 PHOTOGRAPHS, AFFIDAVIT, AND AUTHORIZATION & RELEASE FORM.

11 2) THE BOARD'S STAFF WILL EVALUATE EACH COMPLETED APPLICATION
12 AND PREPARE FINDINGS FOR REVIEW AND RECOMMENDATIONS OF AN
13 EVALUATION COMMITTEE OF THE BOARD.

14 3) APPLICANTS WILL BE INFORMED OF THE STAFF FINDING PRIOR TO
15 REVIEW BY THE BOARD'S EVALUATION COMMITTEE AND MAY REQUEST
16 IN WRITING A PERSONAL AUDIENCE WITH THE EVALUATION COMMITTEE
17 TO DISCUSS THE STAFF FINDING OR TO PRESENT ADDITIONAL
18 DOCUMENTATION.

19 APPLICANTS WILL RECEIVE THE BOARD'S OPEN BOOK CODE & RULES
20 EXAMINATION (R4-30-15) TO COMPLETE BY CORRESPONDENCE AND
21 RETURN TO THE BOARD WITH A SIGNED AFFIDAVIT ATTESTING THEY
22 HAVE READ AND UNDERSTAND ARS 32-CHAPTER 1, 101-145 AND THE
23 BOARD'S RULES AND BY-LAWS, GOVERNING THE PRACTICE OF

1 ARCHITECTURE, ASSAYING, ENGINEERING, GEOLOGY, LANDSCAPE ARCHI-
 2 TECTURE, AND LAND SURVEYING IN ARIZONA.

3 4) APPLICANTS MUST RETURN THE CODE & RULES EXAMINATION TO THE
 4 BOARD AND RECEIVE A PASSING 70% SCORE BEFORE BEING SCHEDULED
 5 FOR AN EVALUATION COMMITTEE MEETING.

6 5) EVALUATION COMMITTEES OF THE BOARD MEET ON CALL OF THE CHAIR-
 7 MAN TO EVALUATE APPLICATIONS AND PREPARE RECOMMENDATIONS FOR
 8 BOARD APPROVAL.

9 6) THE BOARD WILL CONSIDER THE APPLICATION AND THE EVALUATION
 10 COMMITTEE'S RECOMMENDATIONS AT THE REGULAR MEETING IN MARCH,
 11 JUNE, SEPTEMBER AND DECEMBER.

12 B. ARCHITECTURAL APPLICANTS REGISTERED IN OTHER STATES BY 36
 13 HOUR EXAMINATION PRIOR TO 1965 IN STATES OTHER THAN ALASKA, CALIFORNIA,
 14 COLORADO, GUAM, HAWAII, IDAHO, NEVADA, NEW MEXICO, OREGON, UTAH, AND
 15 WASHINGTON, OR BY EDUCATION AND EXPERIENCE ONLY, IN ANY STATE OR
 16 FOREIGN COUNTRY WILL BE REQUIRED TO SUBMIT A "TREATISE ON LATERAL
 17 FORCES" IN ACCORD WITH THE BOARD'S INSTRUCTIONS, OR SUCCESSFULLY
 18 COMPLETE A SEISMIC SEMINAR GIVEN BY AUTHORITIES APPROVED BY THE BOARD.

19 C. IT IS THE APPLICANT'S RESPONSIBILITY TO SECURE TRANSCRIPTS OF
 20 HIS RECORDS FROM ALL COLLEGES ATTENDED. THE APPLICANT MUST ARRANGE
 21 TO HAVE THESE TRANSCRIPTS SENT DIRECTLY FROM THE COLLEGE REGISTRAR
 22 TO THE OFFICE OF THE BOARD. THE APPLICANT'S SOLE RESPONSIBILITY
 23 REGARDING REFERENCES IS THAT OF FURNISHING A SUITABLE LIST. THE
 24 OFFICE OF THE BOARD WILL REQUEST SUCH INFORMATION AS IT DEEMS NECESSARY
 25 FROM THE REFERENCES SUBMITTED BY THE APPLICANT. REFERENCES SUBMITTED
 26 BY AN APPLICANT SHOULD INCLUDE AT LEAST THREE PERSONS REGISTERED IN THE
 27 SAME GENERAL FIELD OF EXPERIENCE AS THE APPLICANT AND TWO REFERENCES

1 WHO ARE NOW, OR HAVE BEEN, THE APPLICANT'S IMMEDIATE SUPERVISORS.
2 OTHER PERSONS WILL BE EVALUATED AS REFERENCES ONLY IF THEIR RESPONSI-
3 BILITY AND THEIR ABILITY TO EVALUATE THE TECHNICAL COMPETENCE OF
4 THE APPLICANT CAN BE ESTABLISHED BY THE BOARD.

5 D. ENGINEERS DESIRING REGISTRATION IN MORE THAN ONE BRANCH MUST
6 SUBMIT A SEPARATE APPLICATION FOR EACH BRANCH AND PAY THE REGULAR
7 FEE WITH EACH APPLICATION. REGISTRATION IN ENGINEERING WILL BE
8 GRANTED IN THE MAJOR BRANCHES OF ENGINEERING INCLUDED IN THE COLLEGE
9 CURRICULA APPROVED BY THE BOARD. MAJOR BRANCHES OF ENGINEERING
10 PRESENTLY RECOGNIZED BY THE BOARD ARE: AERONAUTICAL, AGRICULTURAL,
11 CHEMICAL, CIVIL, ELECTRICAL, GEOLOGICAL, GEOPHYSICAL, INDUSTRIAL
12 MECHANICAL, METALLURGICAL, MINING, NUCLEAR, PETROLEUM, SANITARY AND
13 STRUCTURAL.

14 E. IF AN APPLICATION FOR REGISTRATION IS DENIED THE APPLICANT
15 WILL BE NOTIFIED OF THE BOARD'S ACTION. NO RE-APPLICATION WILL
16 BE ACCEPTED UNTIL ONE YEAR HAS ELAPSED FROM THE DATE OF THE FORMAL
17 BOARD ACTION DENYING THE ORIGINAL APPLICATION.

18 F. THE BOARD HAS DETERMINED, BASED ON A STATEMENT OF EXPENSE
19 PROVIDED BY THE BOARD'S STAFF, THAT PROCESSING COSTS OF CONSIDERING
20 APPLICATIONS WHICH ARE DENIED EXCEED THE APPLICATION FEES, AND
21 THEREFORE NO REFUNDS WILL BE ALLOWED.

22 G. NO APPLICATION MADE ON ANY OTHER THAN A PRINTED FORM ISSUED
23 BY THE BOARD WILL BE ACCEPTED OR CONSIDERED BY THE BOARD, EXCEPT THAT,
24 IN THE EVENT ANY PRINTED FORM ISSUED BY THE BOARD DOES NOT CONTAIN
25 SUFFICIENT SPACE FOR THE NECESSARY EVIDENCE TO BE SUBMITTED, THE
26 APPLICANT MAY ATTACH ADDITIONAL SHEETS TO SAID FORM TO ANY DESIRED
27 EXTENT, BUT SUCH ATTACHED SHEETS MUST BE OF THE SAME SIZE AS THE

1 PRINTED FORM AND SHALL BE SECURELY ATTACHED THERETO.

2 H. AN APPLICANT MAY REVISE OR WITHDRAW HIS APPLICATION ON
3 WRITTEN REQUEST TO THE BOARD. NO REFUND OF APPLICATION FEES BY
4 WITHDRAWAL WILL BE ALLOWED BY THE BOARD AFTER PROCESSING HAS BEGUN BY
5 ASSIGNMENT OF AN APPLICATION NUMBER. WITHDRAWN APPLICATIONS WILL BE
6 PROCESSED TO THE BOARD WITH RECOMMENDATIONS TO CLOSE THE APPLICATION
7 FILE WITHOUT PREJUDICE.

8 I. AN APPLICANT FOR ANY OF THE IN-TRAINING PROGRAMS SHALL, IN ORDER
9 TO BE ADMITTED TO THE IN-TRAINING EXAMINATIONS, SUBMIT AN APPLICATION
10 TO THE BOARD ON THE PRESCRIBED FORM FOR APPROVAL BY THE EXECUTIVE DIRECTOR.
11 IT WILL BE NECESSARY FOR AN APPLICANT TO PAY THE APPLICATION FEE REQUIRED
12 UNDER R4-30-27 FOR CERTIFICATION AS AN ARCHITECT-IN-TRAINING,
13 ENGINEER-IN-TRAINING, GEOLOGIST-IN-TRAINING, OR LANDSCAPE ARCHITECT-IN-
14 TRAINING AS WELL AS THE EXAMINATION FEES STATED IN R4-30-28.

15 Part 2. Section R4-30-13, Examination Rules, is repealed and a new
16 section R4-30-13 is adopted to read as follows:

17 R4-30-13 Examination Rules

18 A. APPLICATIONS FOR REGISTRATION TO PRACTICE FROM APPLICANTS EXPECTING
19 TO QUALIFY FOR PROFESSIONAL EXAMINATIONS MUST BE RECEIVED BY THE BOARD
20 60 DAYS PRIOR TO THE NEXT EXAMINATION DATE. APPLICATIONS RECEIVED
21 AFTER THE 60 DAY CUT-OFF WILL BE PROCESSED FOR THE EXAMINATION DATE
22 FOLLOWING THE NEXT EXAMINATION DATE.

23 B. APPLICANTS FOR REGISTRATION ARE PERMITTED TO TAKE WRITTEN EXAMINA-
24 TIONS ONLY BY ACTION OF THE BOARD. THIS ACTION ENTITLES THEM TO
25 TAKE EXAMINATIONS ON THE FIRST DATE FOR WHICH THE EXAMINATIONS ARE
26 SCHEDULED. IF APPLICANTS FAIL TO ACHIEVE A PASSING GRADE THEY MAY
27 BE RE-EXAMINED ON THE NEXT SCHEDULED EXAMINATION DATE.

1 C. THE BOARD SHALL SELECT & PUBLISH THE EXAMINATION DATES AND
 2 LOCATIONS AT LEAST ONE HUNDRED TWENTY DAYS PRIOR TO THE DATE SELECTED.
 3 EACH APPLICANT WILL BE NOTIFIED IN WRITING WHEN THE BOARD HAS DETERMINED
 4 THAT HE IS ELIGIBLE TO TAKE THE FIRST SCHEDULED EXAMINATION OR RE-
 5 EXAMINATION. THE NOTIFICATION WILL STATE THE DATE BY WHICH THE EXAMINA-
 6 TION FEE MUST BE RECEIVED.

7 D. NOTIFICATION OF THE TIME AND PLACE FOR THE EXAMINATION WILL BE
 8 SENT TO THE APPLICANT AFTER RECEIVING THE FEE. THE FEE WILL BE
 9 FORFEITED IF THE APPLICANT DOES NOT TAKE THE FIRST SCHEDULED EXAMINA-
 10 TION OR RE-EXAMINATION UNLESS AN EXTENSION HAS BEEN GRANTED. NO
 11 REFUNDS WILL BE ALLOWED.

12 E. WHEN AN APPLICANT HAS PAID THE PROPER FEE, BUT IS UNABLE TO
 13 TAKE THE FIRST SCHEDULED EXAMINATION OR RE-EXAMINATION, HE MAY REQUEST
 14 BY LETTER PRIOR TO THE EXAMINATION DATE, THAT HE BE PERMITTED TO TAKE
 15 THE NEXT SCHEDULED EXAMINATION. A REQUEST FOR AN EXTENSION BEYOND
 16 THE NEXT SCHEDULED EXAMINATION WILL NOT BE CONSIDERED EXCEPT FOR
 17 HARDSHIP REASONS SUCH AS SUBSTANTIATED SERIOUS ILLNESS, OR ABSENCE
 18 FROM THE COUNTRY.

19 F. AN APPLICATION FOR REGISTRATION MAY BE DENIED BY THE BOARD FOR
 20 ANY OF THE FOLLOWING REASONS:

- 21 1. IF THE EXAMINATION OR RE-EXAMINATION FEE IS NOT RECEIVED ON OR
- 22 BEFORE THE SPECIFIED DATE.
- 23 2. IF THE APPLICANT DOES NOT APPEAR FOR THE FIRST SCHEDULED EXAMINA-
- 24 TION OR RE-EXAMINATION UNLESS AN EXTENSION HAS BEEN GRANTED.
- 25 3. IF THE APPLICANT DOES NOT APPEAR FOR THE EXAMINATION OR FOR THE
- 26 RE-EXAMINATION TO WHICH HE WAS GRANTED AN EXTENSION.
- 27 4. IF THE APPLICANT FAILS TO COMPLY WITH ANY PROVISIONS OF

1 ARS, TITLE 32 CHAPTER 1 OR THESE RULES CONCERNING APPLICATIONS FOR
2 REGISTRATION.

3 G. AN APPLICANT WHO FAILS TO ACHIEVE A PASSING GRADE ON A RE-
4 EXAMINATION MAY REPEAT THE RE-EXAMINATION UNDER THIS RULE EXCEPT THAT
5 APPLICANTS WHO AFTER 3 RE-EXAMINATION ATTEMPTS FAIL TO ACHIEVE A PASSING
6 SCORE, WILL BE DENIED WITH PREJUDICE. AN APPLICANT WHO HAS FAILED THE
7 EXAMINATION 4 TIMES MAY RE-APPLY NO EARLIER THAN 2 YEARS AFTER THE DATE
8 OF THE DENIAL BY BOARD ACTION AND MUST RETAKE AND PASS ALL REQUIRED PARTS
9 OF THE EXAMINATIONS.

10 H. APPLICANTS DESIRING REVIEW OF THEIR FAILING EXAMINATION SHALL FILE
11 A WRITTEN REQUEST WITH THE BOARD WITHIN 30 DAYS AFTER RECEIVING NOTIFI-
12 CATION OF THEIR FAILING GRADE. THE BOARD WILL VERIFY THAT SCORING IS
13 WITHOUT ERROR, AND APPLICANTS MAY REVIEW THEIR EXAMINATION PERFORMANCE
14 BY PRIOR ARRANGEMENT WITH THE STAFF.

15 Part 3. Section R4-30-14, General Rules, Applicants for Architect-
16 in-Training, Engineer-in-Training, Geologist-in-Training and Landscape
17 Architect-in-Training is repealed and a new section R4-30-14 is adopted
18 to read as follows:

19 R4-30-14 General Rules, Applicants for Architect-in-Training, Engineer-
20 in-Training, Geologist-in-Training and Landscape Architect-in-Training

21 A. ENGINEER-IN-TRAINING AND GEOLOGIST-IN-TRAINING EXAMINATIONS WILL
22 BE GIVEN TWICE ANNUALLY IN APRIL & OCTOBER AND IN-TRAINING EXAMINATIONS
23 FOR ARCHITECTS AND LANDSCAPE ARCHITECTS WILL BE GIVEN ONCE ANNUALLY
24 IN JUNE. EXAMINATIONS WILL BE GIVEN AT A TIME AND PLACE DESIGNATED BY
25 THE BOARD. APPLICATIONS FOR IN-TRAINING EXAMINATIONS AND CERTIFICATION
26 MUST BE RECEIVED IN THE OFFICE OF THE BOARD AT LEAST FORTY-FIVE DAYS
27 PRIOR TO THE SCHEDULED DATE OF EXAMINATION.

1 B. APPLICANTS FOR ENGINEER-IN-TRAINING AND GEOLOGIST-IN-TRAINING
 2 WILL BE PERMITTED TO TAKE THE IN-TRAINING EXAMINATION IN THE FINAL
 3 YEAR OF THEIR ACCREDITED BACCALAUREATE DEGREE PROGRAM BUT THEIR INTERN
 4 PERIOD SHALL NOT START UNTIL AFTER THEY HAVE COMPLETED THE REQUIREMENTS
 5 FOR GRADUATION. APPLICANTS WITHOUT COLLEGE DEGREES DESIRING TO ENTER
 6 THE IN-TRAINING PROGRAM WILL NOT BE PERMITTED TO TAKE THE EXAMINATION
 7 PRIOR TO THE COMPLETION OF FIVE YEARS OF SATISFACTORY EDUCATION AND
 8 EXPERIENCE BY SUBMITTING AN APPLICATION BEARING THE APPROVAL OF A
 9 REGISTERED ENGINEER OR GEOLOGIST, RESPECTIVELY, AND THEIR INTERN PERIOD
 10 WILL NOT BEGIN UNTIL THE FIVE YEARS OF SATISFACTORY EDUCATION AND EXPER-
 11 IENCE REQUIREMENT HAS BEEN MET. THE IN-TRAINING APPLICANT WHO IS A
 12 STUDENT PURSUING A CURRICULUM WHICH WILL LEAD TO AN ENGINEERING OR
 13 GEOLOGY DEGREE SHALL HAVE HIS APPLICATION BLANK CERTIFIED BY HIS DEAN
 14 OR FACULTY ADVISOR.

15 C. APPLICANTS FOR ARCHITECT-IN-TRAINING AND LANDSCAPE ARCHITECT-IN-
 16 TRAINING WILL BE PERMITTED TO TAKE IN-TRAINING EXAMINATIONS AFTER
 17 GRADUATION IN AN ACCREDITED ARCHITECTURAL OR LANDSCAPE ARCHITECTURAL
 18 DEGREE PROGRAM AT A RECOGNIZED COLLEGE OR UNIVERSITY. GRADUATES FROM
 19 AN ACCREDITED SCHOOL MUST OBTAIN THE SIGNATURE OF THE DEAN OF THEIR
 20 COLLEGE ON THEIR IN-TRAINING APPLICATION FORM. APPLICANTS WITHOUT
 21 COLLEGE DEGREES FROM AN ACCREDITED SCHOOL DESIRING TO ENTER THE ARCHITECT-
 22 IN-TRAINING OR LANDSCAPE ARCHITECT-IN-TRAINING PROGRAM WILL BE PERMITTED
 23 TO APPLY AFTER SIX YEARS OF EDUCATION AND EXPERIENCE UNDER A REGISTERED
 24 ARCHITECT OR LANDSCAPE ARCHITECT, RESPECTIVELY, BY SUBMITTING AN APPLICATION
 25 TO THE BOARD BEARING THE APPROVAL AND SIGNATURE OF THE CURRENT EMPLOYER,
 26 AND SUBMITTING A SYNOPSIS OF THEIR EDUCATION & EXPERIENCE BACKGROUND.
 27 APPLICATIONS FOR THE IN-TRAINING EXAMINATION AND CERTIFICATION MUST BE

1 RECEIVED IN THE OFFICE OF THE BOARD AT LEAST FORTY-FIVE DAYS PRIOR
2 TO THE SCHEDULED DATE OF THE EXAMINATION.

3 Part 4. Section R4-30-15, Context of Written Examinations is amended
4 to read as follows:

5 R4-30-15 Content of Written Examinations

6 A. All examinations may contain questions covering the Code of the
7 State Board of Technical Registration and its published Code of Ethics.

8 A. THE BOARD'S EXAMINATION ON THE STATUTES (ARS 32-101 THROUGH 32-145),
9 AND THE RULES AND BYLAWS OF THE STATE BOARD OF TECHNICAL REGISTRATION
10 CONSISTS OF A MULTIPLE CHOICE EXAMINATION OF APPROXIMATELY 30 MINUTES
11 DURATION, OPEN BOOK, TO BE COMPLETED BY CORRESPONDENCE.

- 12 B. No change
- 13 C. No change
- 14 D. No change
- 15 E. No change
- 16 F. No change
- 17 G. No change
- 18 H. No change
- 19 I. No change
- 20 J. No change
- 21 K. No change
- 22 L. No change

23 Part 5. Section R4-30-16 is repealed and a new section R4-30-16 is
24 adopted to read as follows:

25 R4-30-16 Registration Without Examination

26 A. AN APPLICANT WHO HAS ACHIEVED RECOGNIZED STANDING IN HIS PROFESSION
27 MAY APPLY FOR REGISTRATION WITHOUT EXAMINATION. A PERSON APPLYING FOR

1 REGISTRATION UNDER THIS RULE MUST COMPLETE A SENIOR ORAL PROFESSIONAL
2 EVALUATION AS PROVIDED IN SUBSECTION B, PAY THE FEE REQUIRED UNDER
3 SECTION R4-30-28-B AND SATISFY THE FOLLOWING MINIMUM REQUIREMENTS:

- 4 1. EVIDENCE OF EXTENSIVE AND DIRECT INVOLVEMENT IN WORK IN WHICH
5 SUBSTANTIAL KNOWLEDGE OF THE MATHEMATICAL AND NATURAL SCIENCES HAS
6 BEEN APPLIED WITH PROFESSIONAL JUDGEMENT TO DEVELOP METHODS OR TECHNIQUES
7 WHICH ECONOMICALLY AND EFFICIENTLY UTILIZE THE MATERIALS AND FORCES
8 OF NATURE FOR THE BENEFIT OF MANKIND. THIS INCLUDES PERSONAL DECISIONS
9 CONCERNING IMPORTANT TECHNICAL PROBLEMS BASED ON ACTUAL ANALYSIS AND
10 DESIGN CONSIDERATIONS.
- 11 2. EVIDENCE OF PROGRESSIVELY INCREASED RESPONSIBILITY LEADING TO
12 DIRECTION OF OUTSTANDING PROFESSIONAL WORK, RECOGNIZED BY COLLEAGUES,
13 INCLUDING A DIVERSIFIED GROUP OF REGISTERED PROFESSIONAL PEERS BEYOND
14 THE RANGE OF HIS IMMEDIATE ASSOCIATES. LONGEVITY OF PRACTICE OR THE
15 COMPETENT PERFORMANCE OF WORK IN ROUTINE OR REPETITIVE TYPE OF ASSIGN-
16 MENTS SHALL NOT ALONE BE SUFFICIENT FOR THE PURPOSES OF THIS PROVISION.
- 17 3. OTHER EVIDENCE OF NOTEWORTHY PERSONAL CONTRIBUTIONS CONCERNING
18 IMPORTANT WORK IN THE APPLICANT'S FIELD.
- 19 4. TWENTY YEARS OF DOCUMENTED PROFESSIONAL PRACTICE, OF WHICH AT LEAST
20 TEN YEARS MUST INVOLVE DIRECT RESPONSIBILITY FOR OUTSTANDING WORK OR
21 PROJECTS.
- 22 5. FOUR YEARS OF FORMAL EDUCATION AT THE COLLEGE OR UNIVERSITY LEVEL.
- 23 6. COMPLY WITH OTHER LEGAL REQUIREMENTS FOR REGISTRATION OTHER THAN
24 EXAMINATION.

25 THE APPLICANT SHALL PROVIDE DOCUMENTATION AND SUBMIT EXHIBITS AS
26 REQUIRED BY THE BOARD OR ITS REVIEW COMMITTEE TO SATISFACTORILY DEMON-
27 STRATE COMPLIANCE WITH THE ABOVE DESCRIBED REQUIREMENTS.

1 B. AN APPLICANT UNDER THIS RULE SHALL APPEAR BEFORE A REVIEW
 2 COMMITTEE OF THE BOARD FOR A SENIOR ORAL PROFESSIONAL EVALUATION AT A
 3 TIME AND PLACE DESIGNATED BY THE BOARD. THE ORAL EVALUATION WILL
 4 CONSIST OF A COMPREHENSIVE REVIEW OF THE APPLICANT'S CONTRIBUTIONS
 5 IN HIS PROFESSIONAL FIELD USING THE CRITERIA DESCRIBED IN SUBSECTION
 6 A. IF DEEMED NECESSARY BY THE EVALUATION COMMITTEE, THE APPLICANT
 7 MAY BE REQUIRED TO PROVIDE ADDITIONAL DOCUMENTATION AND EXHIBITS IN
 8 SUPPORT OF HIS APPLICATION AND APPEAR FOR AN ADDITIONAL ORAL EVALUA-
 9 TION.

10 Part 6. Section R4-30-17, Personal Audience is repealed, and
 11 a new section R4-30-17 is adopted to read as follows:

12 R4-30-17 Personal Audience

13 A PERSONAL AUDIENCE WITH AN EVALUATION COMMITTEE OF THE BOARD
 14 WILL BE SCHEDULED ON WRITTEN REQUEST OF THE APPLICANT TO DISCUSS
 15 THE APPLICATION OR ANY OTHER ISSUE GERMAIN TO THE APPLICATION PRO-
 16 CESS. APPLICANTS WILL BE NOTIFIED OF THE TIME AND PLACE SET FOR
 17 THE PERSONAL AUDIENCE.

18 Part 7. Article 3, Fees, of Chapter 30, Title 4, Sections R4-30-27
 19 through R4-30-31, is repealed, and a new Article 3 is adopted to read
 20 as follows:

21 ARTICLE 3, FEES

22 R4-30-27 APPLICATION FEES

23 THE FOLLOWING FEES SHALL ACCOMPANY AN APPLICATION FOR REGISTRATION
 24 FOR A CERTIFICATE.

25 A. FOR AN ARCHITECT, ASSAYER, ENGINEER, GEOLOGIST, LANDSCAPE
 26 ARCHITECT AND LAND SURVEYOR, WHO IS A BONA-FIDE RESIDENT OF ARIZONA,
 27 FIFTY DOLLARS.

1 B. FOR AN ARCHITECT, ASSAYER, ENGINEER, GEOLOGIST, LANDSCAPE
2 ARCHITECT AND LAND SURVEYOR, WHO IS A LEGAL RESIDENT OF ANOTHER STATE,
3 TERRITORY OR FOREIGN COUNTRY, ONE-HUNDRED DOLLARS.

4 C. ARCHITECT-IN-TRAINING, ENGINEER-IN-TRAINING, GEOLOGIST-IN-TRAINING
5 AND LANDSCAPE ARCHITECT-IN-TRAINING, FIFTEEN DOLLARS.

6 R4-30-28 Examination Fees

7 A. EXAMINATION FEES FOR TAKING OR RETAKING IN-TRAINING AND PROFESSIONAL
8 EXAMINATIONS SHALL BE AS FOLLOWS:

9 1. ARCHITECT EXAMINATIONS

10 ARCHITECT-IN-TRAINING - QUALIFYING EXAMINATION PROVIDED BY NATIONAL
11 COUNCIL OF ARCHITECTURAL REGISTRATION BOARDS.

- 12 SEC. A - ARCHITECTURAL HISTORY - 2 HOURS.....\$11.00
- 13 SEC. B - STRUCTURAL TECHNOLOGY - 3 HOURS.....\$11.00
- 14 SEC. C - MATERIALS & METHODS OF CONSTRUCTION - 2 HOURS.....\$11.00
- 15 SEC. D - ENVIRONMENTAL CONTROL SYSTEMS - 2 HOURS.....\$11.00

16 PROFESSIONAL - EXAMINATION FOR ARCHITECTS PROVIDED BY THE NATIONAL COUNCIL
17 OF ARCHITECTURAL REGISTRATION BOARDS.

- 18 SEC. A - SITE PLANNING & DESIGN - 12 HOURS.....\$50.00
- 19 SEC. B - PROFESSIONAL EXAM - 16 HOURS.....\$70.00

- 20 PART I - ENVIRONMENTAL ANALYSIS
- 21 PART II - ARCHITECTURAL PROGRAMMING
- 22 PART III - DESIGN & TECHNOLOGY
- 23 PART IV - CONSTRUCTION

24 2. ENGINEER EXAMINATIONS

25 ENGINEER-IN-TRAINING - EXAMINATION PROVIDED BY THE NATIONAL COUNCIL OF
26 ENGINEERING EXAMINERS.

27 FUNDAMENTALS OF ENGINEERING - 8 HOURS.....\$25.00

1 PROFESSIONAL - EXAMINATION FOR ENGINEERS PROVIDED BY THE NATIONAL
2 COUNCIL OF ENGINEERING EXAMINERS.

3 PRINCIPLES & PRACTICE OF ENGINEERING - 8 HOURS.....\$25.00

4 OTHER PROFESSIONAL ENGINEERING EXAMINATIONS PROVIDED BY THE BOARD

5 PRINCIPLES & PRACTICE OF ENGINEERING

6 GEOLOGICAL - 8 HOURS - PART 3.....\$15.00

7 PART 4.....\$15.00

8 GEOPHYSICAL - 8 HOURS - PART 3.....\$15.00

9 PART 4.....\$15.00

10 HIGHWAY.....PART 4.....\$15.00

11 STRUCTURAL - 8 HOURS - PART 5 - LATERAL FORCE ANALYSIS

12 & DESIGN.....\$15.00

13 PART 6 - STRUCTURAL ENGINEERING

14 DESIGN.....\$15.00

15 3. GEOLOGIST EXAMINATIONS

16 GEOLOGIST-IN-TRAINING - EXAMINATION PROVIDED BY THE BOARD.

17 FUNDAMENTALS OF GEOLOGY, ARIZONA - 8 HOURS

18 PART 1.....\$15.00

19 PART 2.....\$15.00

20 PROFESSIONAL - EXAMINATION FOR GEOLOGISTS PROVIDED BY THE BOARD.

21 PRINCIPLES & PRACTICE OF GEOLOGY, ARIZONA - 8 HOURS

22 PART 3 - APPLIED GEOLOGY.....\$15.00

23 PART 4 - GEOLOGICAL PROBLEMS.....\$15.00

24 4. LANDSCAPE ARCHITECT EXAMINATIONS

25 LANDSCAPE ARCHITECT-IN-TRAINING - EXAMINATION PROVIDED BY THE COUNCIL OF

26 LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS.

27 UNIFORM NATIONAL EXAMINATION

- 1 SUBJECT A - HISTORY - 1 HOUR.....\$20.00
- 2 SUBJECT C - DESIGN - 9 HOURS.....\$45.00

3 PROFESSIONAL - EXAMINATION FOR LANDSCAPE ARCHITECTS PROVIDED BY THE COUNCIL
 4 OF LANDSCAPE ARCHITECTURAL REGISTRATION BOARDS.

5 UNIFORM NATIONAL EXAMINATION

- 6 SUBJECT B - PROFESSIONAL PRACTICE - 1 HOUR.....\$20.00
- 7 SUBJECT D - DESIGN IMPLEMENTATION - 8 HOURS.....\$45.00

8 5. LAND SURVEYORS EXAMINATIONS - PROVIDED BY THE NATIONAL COUNCIL OF
 9 ENGINEERING EXAMINERS.

- 10 FUNDAMENTALS OF LAND SURVEYING - 8 HOURS.....\$25.00

11 PART 3 - PRINCIPLES & PRACTICE OF LAND SURVEYING - 4 HOURS - PROVIDED
 12 BY THE NATIONAL COUNCIL OF ENGINEERING EXAMINERS.....\$20.00

13 PART 4 - LEGAL PRINCIPLES OF LAND SURVEYING - 4 HOURS - PROVIDED BY
 14 THE BOARD.....\$20.00

- 15 6. ASSAYER EXAMINATION - 8 HOURS - PROVIDED BY THE BOARD.....\$30.00

16 B. OTHER QUALIFICATION FEES

- 17 SENIOR ORAL EVALUATION.....\$75.00
- 18 TREATISE ON LATERAL FORCES GRADING FEE.....\$30.00

19 R4-30-29 Renewal Fees

20 FOR RENEWAL OF A CERTIFICATE OF REGISTRATION, IF RECEIVED PRIOR TO THE
 21 EXPIRATION DATE, THE FOLLOWING FEES WILL BE REQUIRED:

- 22 A. TRIENNIAL RENEWAL AS AN ARCHITECT, ASSAYER, ENGINEER, GEOLOGIST,
 23 LANDSCAPE ARCHITECT, OR LAND SURVEYOR.....\$63.00

24 1. TRANSITION OF NEW REGISTRANT FROM BILLING DATE (REGISTRATION DATE
 25 PLUS SIX MONTHS PLUS OR MINUS, THE NEAREST END OF QUARTER DATE) TO THE
 26 REGISTRANT'S ALPHA CLASS EXPIRATION DATE - TO BE CALCULATED AT THE RATE
 27 OF.....\$1.75/MONTH

1 . ALPHA CLASS EXPIRATION DATES ARE AS FOLLOWS, BASED ON THE REGISTRANT'S
2 LAST NAME INITIAL AT THE TIME OF REGISTRATION:

3 <u>ALPHA CLASS</u>	<u>EXPIRATION DATE</u>
4 A-B	MARCH 31, 1984, 1987, 1990
5 C	JUNE 30, 1984, 1987, 1990
6 D-E	SEPT. 30, 1981, 1984, 1987
7 F-G	DEC. 31, 1981, 1984, 1987
8 H-I	MARCH 31, 1982, 1985, 1988
9 J-K-L	JUNE 30, 1982, 1985, 1988
10 Mc-M-N	SEPT. 30, 1982, 1985, 1988
11 O-P	DEC. 31, 1982, 1985, 1988
12 Q-R	MARCH 31, 1983, 1986, 1989
13 S	JUNE 30, 1983, 1986, 1989
14 T-U-V	SEPT. 30, 1983, 1986, 1989
15 W-X-Y-Z	DEC. 31, 1983, 1986, 1989

16 AFTER THE EXPIRATION DATE SHOWN ABOVE RENEWALS WILL BE FOR
17 A THREE YEAR PERIOD.

18 2. THE BOARD WILL WAIVE RENEWAL FEES FOR REGISTRANTS WHO ARE RETIRED FROM
19 ACTIVE PRACTICE AND WHO HAVE ATTAINED THE AGE OF 65 YEARS UNDER THE
20 FOLLOWING DEFINITIONS. REGISTRANTS WHO QUALIFY MAY FILE AN APPLICATION
21 FOR WAIVER AND SIGN AN AFFIDAVIT CERTIFYING THEIR ELDERLY QUALIFICATION.

22 a. RETIRED FROM ACTIVE PRACTICE MEANS THAT THE REGISTRANT IS NOT
23 PERFORMING PROFESSIONAL SERVICES FOR COMPENSATION NOR SEEKING EMPLOY-
24 MENT, FROM HIS HOME OR AN ESTABLISHED PLACE OF BUSINESS THAT WOULD
25 PROVIDE NOT MORE THAN \$5,000 OF PROFESSIONAL SERVICES INCOME PER
26 CALENDAR YEAR.

27. THIS RULE APPLIES IRRESPECTIVE OF WHETHER THE REGISTRANT RESIDES

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IN OR OUTSIDE OF ARIZONA.

b. "ATTAINED THE AGE OF 65 YEARS" MEANS THAT REGISTRANT WAS 65 YEARS OF AGE ON HIS LICENSE EXPIRATION DATE.

c. REGISTRANTS NOT IN GOOD STANDING FOR 1981 RENEWALS MAY QUALIFY BY PAYING DELINQUENT FEES AND FILING AN APPLICATION FOR WAIVER OF THE 1981 FEES IN ACCORD WITH THIS RULE.

B. PENALTY FOR DELINQUENT PAYMENT OF RENEWAL FEES.....\$10.50/YEAR :
ANY FRACTION
OF A YEAR
(BASED ON A RENEWAL FEE OF \$63.00)

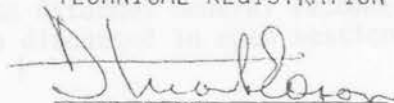
C. THE BOARD WILL CANCEL CERTIFICATES OF REGISTRATION THAT HAVE REMAINED INVALID FOR THREE YEARS. A NEW APPLICATION MUST BE FILED FOR REINSTATEMENT WITH FEES IN ACCORDANCE WITH RULE R4-30-27. IF THE BOARD RE-INSTATES THE LICENSE, THE ORIGINAL REGISTRATION NUMBER WILL BE RE-ASSIGNED.

R4-30-30 Miscellaneous Fees For Services

- ANNUAL REPORT.....\$1.00
- DUPLICATE CERTIFICATES.....\$3.50
- COPIES, PER PAGE.....\$.10
- ALPHABETICAL ROSTER OF ACTIVE REGISTRANTS.....\$4.50
- NUMERICAL ROSTER OF REGISTRANTS.....\$2.00

DATED THIS First DAY OF May, 1981

ARIZONA STATE BOARD OF
TECHNICAL REGISTRATION



F. Mark Edson
Executive Director

MINUTES OF SPECIAL MEETING
ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

MAY 8, 1981

A special meeting of the State Board of Technical Registration was held at the Board Office, Suite 315, Occupational Licensing Building, 1645 W. Jefferson, Phoenix, AZ, on Friday, May 8, 1981. The meeting was called to order by Chairman Wayne O. Earley at 10:10 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

Gary L. Sheets, Asst. Attorney General
F. Mark Edson, Executive Director
Particia Wood, Administrative Secretary

Those present constituted a quorum.

1. A. MOTION TO GO INTO EXECUTIVE SESSION

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that the Board convene itself into Executive Session for the purpose of obtaining legal advice from counsel and to discuss personnel matters concerning the Executive Director.

The Chairman called for a discussion on the motion.

The Executive Director was recognized by the Chairman. At this time the Executive Director requested he be allowed to read into the record a summary of events during the time he has served as Executive Director.

The Asst. Attorney General was recognized by the Chairman. The Asst. Attorney General presented his opinion that the Executive Director, as an exempt employee, there would no hearing established for presenting a case. There is no provision in the law. The Attorney General recommends to an agency the case not be discussed in open session.

The Asst. Attorney General pointed out there are two types of employees in the personnel system of the State of Arizona, merit employees and exempt employees. Under the merit system, the employee would not be dismissed except in connection with a disciplinary hearing, where his position would be stated, the position of the state would be stated; and the Hearing Officer would decide ultimately what would be the result, and could be appealed to Superior Court. The whole due process procedure is established for a merit employee. Exempt employees, on the other hand, it is a very simple procedure in that if an agency decides they no longer want an exempt employee to work for that agency, they simply take a vote on it and decide to either keep him or dismiss him. There is no hearing. An exempt employee has no right to present his case, and the state does not present a case against an exempt employee. The exempt employee is not permitted to be in the Executive Session. No one is permitted in Executive Session except Board members, legal council, and whoever is necessary to take the minutes. If you go into Executive Session, you may discuss this personnel matter specifically, because you have noticed it as an Executive Session.

It is a standard policy of all the agencies not to discuss the matter of an exempt employee in public. There is no right to a hearing, and if there is any discussion whatsoever it tends to make it a hearing.

It was the suggestion of the Asst. Attorney General that the Executive Director give his summary of events that he had prepared to one of the Board members for presentation at the Executive Session and for discussion of his cause.

A roll-call vote proceeded on the motion as follows:

Silas Brown	- yes	Jimmie Nunn	- yes
Hector Durand	- yes	Charles O'Bannon	- yes
Patricia Finley	- yes	John Riggs	- yes
Rod Gomez	- yes	Wayne Earley	- yes
William Gookin	- yes		

MOTION CARRIED.

Special Board Meeting
 May 8, 1981
 Page 3

1. B. The Board convened into Executive Session at 10:40 a.m. and reconvened back into Special Session at 12:05 p.m. All Members of the Board were present.
2. EMPLOYMENT OF EXECUTIVE DIRECTOR

The Chairman recognized Ms. Finley for the purpose of making a motion.

MOTION: It was moved by Ms. Finley and seconded by Dr. O'Bannon that Mark Edson be dismissed as Executive Director and employee of the Board of Technical Registration, effective May 8, 1981, at 5:00 p.m., and that on or before that time Mr. Edson return all state property in his possession and remove any and all of his personal property from the Board office.

A point of order was called for by Mr. Durand and directed to the Asst. Attorney General to resolve, as follows:

This was a pre-typed motion, with the presumption that this action would be taken. Would this be in order?

It was the opinion of the Asst. Attorney General this action was not uncommon. Anybody may bring in a typed motion they would like to present to the Board. This is permissible.

Silas Brown	- yes
Hector Durand	- no
Patricia Finley	- yes
Rod Gomez	- no
William Gookin	- yes
Jimmie Nunn	- no
Charles O'Bannon	- yes
John Riggs	- no
Wayne Earley	- yes

MOTION CARRIED.

The Chairman called for a motion which would authorize the Chairman to sign a communication to the Executive Director informing him of the action taken in the preceding motion.

Special Board Meeting
May 8, 1981
Page 4

MOTION: It was moved by Ms. Finley and seconded by Dr. O'Bannon that the Chairman be authorized to sign a letter on behalf of the Board conveying to him the action taken by the Board by the preceeding motion with the caption being: "Notice of Dismissal" as shown on Minute Book Page 5068.

Motion carried with Mr. Durand casting a "No" vote.

The Chairman called for a short recess at 12:10 p.m.

The Board reconvened at 12:15 p.m.

3. EMPLOYMENT OF EXECUTIVE DIRECTOR

- A. The Chairman called for discussion and suggestions which would provide for continued operation of the office and to provide for the employment of a new Executive Director.

At this time Carolyn Gong, Personnel Division for the State of Arizona, was introduced to the Board to discuss the State Personnel guidelines required in filling the vacancy of the Executive Director.

The Chairman informed the Board he had contacted Mr. Cassidy, the Executive Director preceeding Mr. Edson. Mr. Cassidy has agreed, if he should be asked, to serve on a temporary basis or part-time/temporary basis during the interim period from now to such time as the vacancy of the Executive Director was filled.

The Chairman asked Ms. Gong if exempt employees accumulate leave in the same manner as merit employees.

Ms. Gong replied that this would have been determined at the time of the appointment. The personnel records in the agency should be checked to see if the employee accrued leave and if the records are currently being kept. With an exempt position, the Board has its option at the time of the appointment to put the employee on an accrual system or to allow the employee to take annual leave when requested.

Ms. Gong stated the Secretary of the agency should prepare a Personnel Action form in order to complete the termination of an employee, and this should be submitted through the general payroll process to terminate the employee; and if there is any accrued annual leave, the number of hours should be submitted that would be paid off. The state does not pay severence pay.

The Chairman instructed the office secretary to complete all paperwork in connection with the termination of the Executive Director position, and that the Executive Director be paid for all accrued annual and compensatory time.

3. B. The criteria to be followed in the employing of a new Executive Director:

Ms. Gong stated that the Director of the Accountancy Board is not a registrant.

Mr. Sheets suggested the Accountancy Board is a model agency that is extremely well run in his opinion. According to Mr. Sheets, communication skills are important and skill in managing are also a necessary in a position of this type.

It was the Chairman's opinion that no one should be precluded in making application for the position by putting a selective on the personnel requirement. In the selection process, each Board member will have a vote in the final selection of the candidate; and if at that time, a Board member desires to give special emphasis to skills an applicant may have that he, as a Board member, feels are particular important to the position, then he may do so at that time.

It was the general opinion of the Board that the ideal candidate should be an administrator, with a college degree preferably in business, public administration, or a technical profession.

Ms. Gong stated the advertising for the position may be prepared in any fashion that the Board may desire. There are no minimum qualifications because it is an exempt position, and below the minimum qualifications on the personnel announcement it may state the preference for the ideal candidate.

MOTION: It was moved by Ms. Finley that the Chairman be authorized by the Board to work with the Personnel Division to set up an advertisement including a person with a college degree with business administration or technical experience, at a Grade 22 salary range; also that this person have reading and writing skills; and that the full Board consider five applications, and a committee of three be appointed to screen and interview applicants. The motion was seconded by Mr. Riggs. Motion carried.

The Chairman stated, if possible, he would like to offer the five candidates for review by the Board at its June 5 Board meeting.

MOTION: It was moved by Mr. Gookin and seconded by Mr. Gomez that the Chairman be authorized to meet and negotiate with Mr. Cassidy with a view to making arrangements for Mr. Cassidy to serve as Acting Director on an interim basis until a permanent Executive Director has been selected with a salary not to exceed the salary being paid for the services of the Executive Director just vacated. Motion carried.

The Chairman named the members of the Board who volunteered to serve on the Executive Search Committee, as follows:

Jimmie Nunn
Patricia Finley
William Gookin
Wayne Earley

MOTION: It was moved by Mr. Gookin and seconded by Ms. Finley that an emergency be declared on behalf of the Technical Registration Board and that the Chairman be authorized to act on behalf of the Board in all matters and until such time as the Executive Director's position is filled on either an acting basis or on a full-time basis. Motion carried with Messrs Durand and Riggs casting "No" votes.

MOTION: It was moved by Mr. Brown and seconded by Mr. Gookin that the advertising expense for the Executive Director be approved up to \$1,000 maximum. Motion carried.

Mr. Durand suggested that the position be advertised not only in the Wall Street Journal but both the Phoenix and Tucson daily papers and also notification at the three state universities of the search for an acceptable candidate.

MOTION: It was moved by Mr. Durand and seconded by Mr. Gomez that either Bruce Rosenhan or Patricia Wood be authorized to sign correspondence, should it become necessary, in the absence of the Chairman. Motion carried.

Special Board Meeting
May 8, 1981
Page 7

MOTION: It was moved by Mr. Gomez and seconded by Dr. O'Bannon that the Chairman be authorized to issue a public announcement that the position of Executive Director of the Board of Technical Registration is now vacant and that a search is now underway for the filling of this vacancy. Motion carried.

The Chairman request Messrs Durand, Gomez, and O'Bannon both independently and collectively prepare the elements of a job description for the Executive Director's position. This group to serve as a committee with Mr. Gomez to act as Chairman; and if possible, this position description be ready for review by the Board at its June 5 meeting.

4. ADJOURNMENT

MOTION: It was moved by Ms. Finley and seconded by Mr. Gomez Mr. Durand that the meeting be adjourned. Motion carried

The meeting was adjourned at 1:00 p.m.

5/12/81/pw

[Handwritten signature]
Chairman

State Board of Technical Registration

FOR

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

1645 W. JEFFERSON

PHOENIX, ARIZONA 85007

271-4053

May 8, 1981

HAND DELIVERED

Mr. F. Mark Edson
1645 West Jefferson
Phoenix, Arizona 85007

Re: Notice of Dismissal

Dear Mr. Edson:

This letter is official notice of your dismissal from employment with the Arizona Board of Technical Registration, effective May 8, 1981 at 5 o'clock p.m.

As an exempt employee, you have no right to appeal this Board action to the Arizona State Personnel Board.

Please return all state property immediately so that we can proceed to issue your final paycheck. Please remove your personal property from the premises of the Licensing Building prior to 5:00 p.m., May 8, 1981.

Sincerely,

ARIZONA STATE BOARD OF
TECHNICAL REGISTRATION


Wayne O. Earley,
Chairman

cc: Personnel file: F. Mark Edson
Mr. Richard Rabago, Assistant
Director of Personnel
Mr. Thomas M. Rogers,
Assistant Attorney General

MINUTES OF

ARIZONA STATE BOARD OF TECHNICAL REGISTRATION

JUNE 5, 1981

The regular quarter-annual meeting of the State Board of Technical Registration was held at the Board office, 1645 W. Jefferson, Suite 315, Phoenix, AZ on Friday, June 5, 1981. The meeting was called to order by Chairman Wayne O. Earley at 9:17 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

Gary L. Sheets, Asst. Attorney General
Patricia Wood, Administrative Secretary

Those present constituted a quorum.

1. READING OF MINUTES

- A. MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that the minutes of the Special Meeting of September 26, 1980, be approved. Motion carried.
- B. MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that the minutes of the Enforcement Committee Meeting of October 24, 1980, be approved. Motion carried.
- C. MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that the minutes of the Regular Board meeting of March 6, 1981, be approved. Motion carried.
- D. MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that the minutes of the Phoenix Enforcement Committee meeting of April 17, 1981, be approved. Motion carried.
- E. MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that the minutes of the Special Board Meeting of May 1, 1981, be approved. Motion carried.
- F. MOTION: It was moved by Mr. Nunn and seconded by Dr. O'Bannon that the minutes of the Special Board Meeting of May 8, 1981, be approved. Motion carried.

2. REPORT OF THE EXECUTIVE COMMITTEE

Membership: Entire Board

On the advice of the Attorney General's Office on the statutory limitations regarding the fees, a telephone Board meeting was held on May 29, 1981, for approval to change the application fee for out-of-state residents from \$100.00, as adopted on May 1, 1981, to \$75.00.

Members Brown, Durand, Earley, Finley, Gomez and Gookin, approved the adoption of R4-30-27, APPLICATION FEES, to read as follows:

"B. FOR AN ARCHITECT, ASSAYER, ENGINEER, GEOLOGIST, LANDSCAPE ARCHITECT AND LAND SURVEYOR, WHO IS A LEGAL RESIDENT OF ANOTHER STATE, TERRITORY OR FOREIGN COUNTRY, SEVENTY-FIVE DOLLARS."

MOTION: It was moved by Ms. Finley and seconded by Mr. Durand that the Board adopt the Attorney General's recommendation as to the change in rules with regard to the retired status. Motion carried.

Mr. Riggs requested the records show that the Board members, namely Messrs. Riggs, O'Bannon, and Nunn were unable to be contacted for the telephone Board meeting and therefore, no negative notes on the motion were cast.

Gary Sheets suggested in the future whenever it is necessary to have a telephone conference with Board members that a conference call should be set up. There must be an open meeting notice posted in advance of such meeting.

3. REPORT OF RULES AND BY-LAWS COMMITTEE

Gary Sheets reported that he has been working closely with David Rivers, Law Clerk, hired by the Board, and an outline of a complete rules package has been drawn up. Mr. Sheets noted the new rules will follow a very logical sequence and will be more in line with the format and general language used by other agencies.

Mr. Sheets explained rehearing and the process involved in a rehearing. In a denial, the person may ask for a rehearing from the Board and then may appeal the matter, if necessary, to the Supreme Court. The person may also apply for a second rehearing. Item C, under Rehearing, was explained--- New Evidence.

David Rivers presented an outline of the rules. Mr. Rivers explained this outline incorporated all the rules but has rearranged them in order to flow more easily for better comprehension. (Outline shown on Minute Book Pages 5086 through 5094.)

Mr. Sheets indicated Mr. Rivers is working under his direct supervision as far as the actual work product, but as far as the actual input, that will be up to the Board. Mr. Sheets noted he does not supervise the content but rather the end product.

Mr. Durand commented on the outline presented by Mr. Rivers and the great help it would be for the various disciplines.

Mr. Sheets commented on Article 3--there will be standards of professional conduct for the various disciplines set forth.

Mr. Sheets suggested that as Mr. Rivers proceeds through each outline that all Board members get a copy of each outline and requested the Board members make any comments and return such comments to Mr. Rivers. Mr. Sheets expressed the hope that an actual drafted rules package be completed by July 15, 1981.

The Chairman stated that a meeting of the Rules Committee or the full Board may be held at any time to facilitate the drafting of the rules package.

Mr. Sheets stated there is no reason why a telephone meeting could not accomplish the same results.

Mr. Sheets also mentioned that Mr. Rivers is working with a tentative definition of "gross negligence."

Mr. Rivers presented his working definition of "gross negligence."

4. REPORT OF THE LEGISLATIVE COMMITTEE

Membership: Gomez, Chairman; Riggs, Durand

Mr. Gomez stated there was no report of the Legislative Committee at this time. However, he did remind the Board that in the recent review of the ten charges by the Auditor General's Sunset Review Committee, he has noticed there were a couple of problems that had not been taken care of; namely, to communicate with the local agencies, such as the City Building Inspection Departments and different agencies that must enforce the registration statutes on review of plans and specifications. The Board should communicate with them indicating they should bring to the Board's attention any violations of this code. Also, the Board should communicate to the registrants and to the public any changes being instituted within the Board. To his knowledge this was not being done, and it was Mr. Gomez's suggestion this be put into effect without delay.

5. REPORT OF THE EVALUATION COMMITTEES

A. Architectural Evaluation Committee

Membership: (Nunn, Chairman: Earley; O'Bannon)
(Riggs, Chairman; Gomez; Durand)

The Architectural Evaluation Committee report of meeting held on May 20 and 21, 1981, is shown on Minute Book Page 5095 through 5096.

MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that the Architectural Committee report be accepted, certified, and implemented and that Bryan A. Spencer be added to the list of qualified applicants as shown on Minute Book Page 5115. Motion carried.

1. Mr. Curtis L. Slife appeared before the Board and presented a summary of his qualifications. See Minute Book Page 5097. Mr. Slife requested reconsideration by the Board of his qualifications and experience in order that he may be admitted for testing for the December 1981 exams.

MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that the Board raise the evaluation of the 3.5 years on education credit to 4 years as recommended by the Kansas Board, and when the experience requirement is satisfied that Mr. Slife be considered for taking the examination. As of this date Mr. Slife has an equivalent 7 years education and experience. Motion carried.

Mr. Nunn clarified this motion for Mr. Slife; that he would be qualified to take the examination in 1982 but not this year as he still does not meet the experience requirements.

B. Landscape Architectural Evaluation Committee

Membership: Earley, Chairman; Finley, Gookin

The Landscape Architectural Evaluation Committee report is shown on Minute Book Page 5099.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that the Landscape Architectural Committee reports be accepted, certified and implemented. Motion carried.

C. Engineering, Land Surveying and Geology Evaluation Committee

Membership: (Gomez, Chairman; Durand, Riggs)
(O'Bannon, Chairman; Nunn, Brown)
(Gookin, Chairman; Finley, Earley)

1. The Engineering, Land Surveying and Geology Committee's report was presented by Mr. Gomez and is shown on Minute Book Pages 5100 through 5106.

MOTION: It was moved by Mr. Gomez and seconded by Mr. Gookin that the report be accepted, certified, and implemented contingent upon the successful passage of the Code exam in the case of those applicants who have not passed the Code exam. This report would also include those names appearing on the Addendum to Agenda of the Engineering Evaluation Committee Report of June 5, 1981. Motion carried. See Minute Book Page 5154.

2. DENYSE, Robert A., Architect

MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that the name of Robert A. Denyse be added to the list of registrations granted of the Architectural Report. Shown on Minute Book Page 5115. Motion carried.

3. LAUGHLIN, Robert John, Civil Engineer

MOTION: It was moved by Mr. Gomez and seconded by Mr. Gookin that Robert John Laughlin be granted registration upon receipt of the Code exam. Motion carried.

4. BURRELL, Robert C., Chemical Engineer, 81-104

MOTION: It was moved by Mr. Riggs and seconded by Mr. Durand that Robert C. Burrell's name be added to the list of registrations granted as a Chemical Engineer. Motion carried.

- 5. MAGEE, Maurice, Geologist, 80231

MOTION: It was moved by Mr. Gookin and seconded by Dr. O'Bannon that the request of Maurice Magee regarding Part 4 of the examination for Geologist be denied. Motion carried.

- 6. KROSTING, Ronald, EIT, 78-161

MOTION: It was moved by Mr. Goemz and seconded by Dr. O'Bannon that Mr. Krosting be advised that his grade went out to him in error; that the grade should have revealed a score of 67 rather than the grade of 69 as communicated to him. On the basis of the correct score of 67, request for registration be denied. Motion carried.

- 7. VARGA, Joseph E., Structural Engineer, 79-829

MOTION: It was moved by Mr. Gomez and seconded by Dr. O'Bannon that Mr. Varga's request for waiver of Part 6 of the Structural Engineering Examination be tabled until the Evaluation Committee has an opportunity to review Mr. Varga's file. Motion carried. See Minute Book Pages 5109 through 5111.

Mr. Durand questioned the names of two Land Surveyors who appeared on the Addendum to the Agenda (Engineering Evaluation Committee Report.)

- 8. BEAMISH, Robert, Land Surveyor, 80-742

MOTION: It was moved by Mr. Gookin and seconded by Mr. Durand that the recommendation of the Engineering Evaluation Committee to hold Mr. Beamish for all 4 parts of the Engineering exam be tabled until Mr. Beamish provides further information to the Board, and that a letter be forwarded to Mr. Beamish requesting more detail on his survey experience. Motion carried.

- 9. DOMLER, Joseph A., Land Surveyor, 80-721

Mr. Durand indicated the Engineering Evaluation Committee report on Mr. Domler was acceptable and should be incorporated in the original motion that the Engineering Evaluation Committee report of June 5, 1981 be accepted.

The Chairman stated in the future there would be a separate Geology Evaluation Committee Report and a separate Land Survey Evaluation Committee Report from the Engineering Evaluation Report now that there are Board members in these disciplines. These evaluation committees will be chaired by the Board members in their respective disciplines.

- 10. HANNA, Gary, Land Surveyor, 81-091

Submitted his file to Board office February 2, 1981, and has not heard whether he will be allowed to take the Engineering exam in April, 1981 or not. Dr. O'Bannon requested the Board advise Mr. Hanna of the present status of his application.

MOTION: It was moved by Mr. Durand and seconded by Dr. O'Bannon that Mr. Hanna's application be given to the next Land Surveying Evaluation Committee for consideration without fail. Motion carried.

11. BAY, Herbert E., Mechanical Engineer, 80-363

Mr. Bay was called on to address the Board regarding certain quotes by the news media from him regarding Arizona State University's ability to perform architectural services without having a registered architect perform the services. The Board requested clarification from Mr. Bay on this matter before consideration of his request for registration.

Dr. O'Bannon excused himself from the meeting on the grounds of a possible conflict of interest.

Mr. Bay explained his position on the matter stating that as a matter of clarification, the present policy at Arizona State University is that there are no architects or structural engineers on staff at ASU at the present.

MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that the Board address itself to Mr. Bay's application and that any question concerning the operation at ASU be discussed in the appropriate committee, that it be discussed at that time, and that it has nothing to do with Mr. Bay's application. Motion carried.

MOTION: It was moved by Mr. Gomez and seconded by Mr. Nunn that Mr. Bay be granted registration by comity. Motion carried.

The Chairman suggested the matter of ASU be referred to the Enforcement Committee.

Ms. Finley suggested that staff be told in the future with regard to all Evaluation Reports contain the words "subject to successful completion of Code examination."

12. MASOWDI, Amir M., Civil Engineer #75231

Appeared before the Board to request the Board reconsider his failing grade on the Engineering exam taken in October - November 1980. See Minute Book Page 5117.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gomez that Mr. Masowdi be granted registration on the basis of his experience as opposed to a grade change. Motion carried.

13. WILLIS, Brayton Perry, Sanitary Engineer, 77-753

Mr. Willis appeared before the Board to request waiver of Parts 1 and 2 of the Engineering exam. See Minute Book Page 5114.

MOTION: It was moved by Mr. Riggs and seconded by Mr. Durand that the Board reaffirm the Board's previous action to hold Mr. Willis for Parts 1 and 2 of the Engineering exam. Motion carried.

6. REGISTRATIONS GRANTED

A. It was moved by Dr. O'Bannon and seconded by Mr. Gookin that applicants shown on Minute Book Pages 5115 through 5119 be granted registration. Motion carried.

7. REPORT OF THE PUBLIC INFORMATION COMMITTEE (Entire Board)

- A. Dr. R.A. Jimenez reported on the UEQ-PE Meeting April 2 and 3, 1981, and also commented on communication from NCEE UEQ Committee regarding concern of examinations in disciplines having small usage. See Minute Book Pages 5151 through 5153.

Dr. Jimenez stated he would respond to the Board's concern of a passing percentage of 60% or less. Dr. Jimenez described the process of the development of the Engineering examinations in order to give a better understanding of how the grading is determined. Also discussed was the syllabus in Civil Engineering as an example. There is another committee to establish the cutoff score. The cutoff score is based on minimum competency. There are 80 points in the examination. They develop a frequency diagram that begins with the raw score. And a minimum passing score is based on half a standard deviation. This is based on national trends with the number approximating 70%, which is passing. This is just for statistics, it has nothing to do with percentage points at all. Dr. Jimenez went into further detail on the cutoff score and the problem encountered when there is a gap of 5 points between the minimum passing score and the cutoff score.

After further discussion and question posed to Dr. Jimenez from the Board, it was agreed it is difficult to interpret the grades on a percentage basis. Use of the cutoff score that is given by NCEE should be adhered to rigidly unless there is further recommendation. This should be an option of the Board only within a narrow limit.

The Chairman expressed appreciation on behalf of the Board to Dr. Jimenez for his attendance at today's meeting.

- B. Mr. Gomez gave a report on the NCEE Western Zone meeting held May 3-5, 1981, in Salt Lake City, Utah. Mr. Gomez reported he reviewed the sunset process with the committee and distributed a commentary on the Sunset Review Process. The Committee's general reaction was that Arizona ended up with a much stronger law than before and they were surprised the Legislature had approved the Board's request to assess fines and to become exempt from liability. Mr. Gomez stated the EIT is no longer a two-day exam, it is a one-day exam and will be treated and graded as such; and the by-laws should reflect this. It is important the applicants be informed, and the Board rules should be changed to go along with what the rest of the states are doing.

Mr. Gomez reminded the Board that his term on the Board expires on June 30, and stressed the importance of the Board keeping informed with national procedures with regard to comity.

Mr. Gomez also indicated a report was presented at the NCEE Western Zone Conference from the Executive Secretary from Oregon regarding an inquiry sent out by the NCEE to all states requesting certain information on the duties of an Executive Director and salary. The results were sent to all registration Boards. Mr. Gomez expresses an interest in this survey and the results.

Lunch recess: 12:50 to 1:30

Afternoon session: 1:30 p.m.

The Chairman appointed a committee to develop a concensus for the Board to communicate to NCEE on the matter for Arizona. The members appointed to the committee are as follows:

Dr. O'Bannon, Chairman
Mr. Gookin, Member
Mr. Durand, Member

Mr. Gary Sheets, Asst. Attorney General, was recognized by the Chairman. Mr. Sheets requested the Board in the future schedule matters first on the agenda where it was anticipated legal counsel would be required. Therefore, items on the agenda not requiring the input of legal counsel would be scheduled last. Mr. Sheets suggested legislative, rules, and enforcement matters be scheduled in the morning, and any other matters where he would be needed.

9. REPORT OF THE ENFORCEMENT COMMITTEE (Entire Board)

Mr. Bruce Rosenhan, Enforcement Officer, reported on several cases that had been settled in recent weeks where fines had been imposed.

A. BTR vs. Atherton, Robert B. - C16-79

See Minute Book Page 5120. Mr. Rosenhan stated this mainly was a dispute over the plans, and there was not enough legality to pursue, and upon further advise of counsel, this case should be dismissed.

MOTION: It was moved by Dr. O'Bannon and seconded by Ms. Finley that staff recommendation be accepted and that the case be dropped. Motion carried.

B. BTR vs. Campbell, Logan E. - C36-79

This case was reviewed by the Board. See Minute Book Pages 5122 through 5126. Mr. Rosenhan, after further discussion with the Board, suggested probation be dropped and that Mr. Campbell pay \$250 fine and the Chairman sign the Consent Order.

MOTION: It was moved by Dr. O'Bannon and seconded by Ms. Finley that the Board accept the recommendations of staff. Motion carried.

C. BTR vs. Pearce, Richard N. - C21-79

See Minute Book Page 5127. Staff recommendation was to accept fine of \$250 and censure by the Board.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Durand that the Board accept staff's recommendation. Motion carried.

Mr. Sheets suggested to Mr. Rosenhan that a report be submitted on recommendations regarding enforcement matters to the Board. Upon Board approval, respondent should then be notified.

D. Review of Enforcement Committee Meeting of April 17, 1981

Mr. Rosenhan reviewed the minutes of the Enforcement Committee Meeting of April 17, 1981, as shown on Minute Book Pages 5128 through 5132.

The Chairman discussed better utilization of Evaluation Committees A, B, and C and the feasibility of using these committees for enforcement matters rather than involving the entire Board. Comments were requested from Board members on the Advisory Committees' recommending penalties.

Mr. Sheets explained what Advisory Committees should be most interested in. Mr. Sheets stated that one of the most common complaints of defendants upon filing a law suit against a state board is that state boards by and large are the judge, the executioner, the prosecutor, and the investigator of a given case. Mr. Sheets stated the decision maker should make every effort to divorce itself from the actual investigation and recommendation process. By having an advisory committee, a Board not only avoids this situation but also has the practical reality of having more time to spend on a given file that the Board does.

Mr. Sheets stated a Board member should meet with the advisory committees each month and communicate the Board mandates, but the committee should function independently and make recommendations to the Board. The committee should be able to recommend discipline in various cases.

Mr. Rosenhan explained to the Board how a penalty is invoked.

MOTION: It was moved by Dr. O'Bannon and seconded by Ms. Finley that staff continue with the Enforcement policy with the exception that the Consent Agreement be not sent out without prior approval of a quorum of the Board. Motion carried.

MOTION: It was moved by Mr. Nunn and seconded by Mr. Gomez that the terminology in the preceding motion be changed from staff to Advisory Committee. Motion carried.

MOTION: It was moved by Mr. Gomez and seconded by Ms. Finley that the Board dispense with the word Enforcement Committee and replace it with Advisory Committee. Motion carried.

Mr. Rosenhan commented on the actions of the Advisory Committees and their excellent progress; they have acted professionally and presented excellent recommendations.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Brown that a letter be drafted from the Board conveying its appreciation to the Advisory Committees. Motion carried.

Mr. Rosenhan suggested a Board meeting be held on July 24, 1981, to review Advisory Committee recommendations and approval of enforcement matters.

Mr. Riggs requested a report from Mr. Rosenhan on the status of the cases involved in the Enforcement Committee Meeting of April 17, 1981.

Mr. Rosenhan responded that all actions recommended by the Board have been followed; i.e., a letter has been drafted to Mr. Seitz; the case has been closed on Mr. Kimoto and a letter forwarded to him; case has been closed on David Metz and Horkey & Assoc., Inc. A reply has not been received from Mr. Metz on a letter forwarded to him. Mr. Horkey has replied. Mr. Gookin has presented additional information on the Gene R. Fontes case which has expanded this case considerably. The Advisory Committee must look at this case again because of additional evidence received.

Mr. Gomez requested a quarterly report from the Enforcement Officer to be prepared for the Board meeting which shows how many new cases since the last quarter report and how many of the ones reported last quarter have been disposed of. This would serve as a control sheet. This would serve as a measure of staff effectiveness.

Mr. Rosenhan responded that last quarter the Board had approximately 120 outstanding cases and now there are 86 outstanding.

- E. The Chairman appointed a committee to draft and present to the Board the operational rules of conduct for the Advisory Committee. The members are as follows:

Patricia Finley, Chairman
John Riggs, Member
Silas Boawn, Member
William Gookin, Member

10. REPORT OF THE EXECUTIVE DIRECTOR

- A. The Chairman requested an amendment to previous motion on services of Dr. Rudy Jimenez, consultant to the Board in test development and grading. (Dr. Jimenez had previously been approved by the Board for a consultant fee not to exceed \$100 at Board meeting of March 6, 1981.) See Minute Book Page 5133.

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Gookin that Dr. Rudy Jimenez be paid a consulting fee of \$50.00 per hour for his consulting services, the maximum amount not to exceed \$300.00 Motion carried.

B. Personnel and Reorganization

The Chairman distributed a proposed office reorganization chart. Present for discussion was Mr. Pepi Martinez who is working under the supervision of Ms. Bonnie Bartak in the area of personnel reorganization. Chairman Earley also stated Ms. Carolyn Gong, Personnel Division, has also been working with Ms. Bartak in preparing position descriptions and various other data necessary for Board approval and ultimate approval by Personnel of office reorganization.

Mr. Pepi Martinez addressed the Board and described the progress being made, stating that all staff positions have been reviewed to date. Also the Code and By-laws have been reviewed in order to obtain an understanding of the total overall operations of the agency and the organizational

structure as it exists and as it might exist in the regulations as they apply. Mr. Martinez stated they have been looking at the management audit and assising these documents and identifying Board policy and priorities as it related in the minutes. This has been done in order for the agency to operate as smoughly in accordance with the management audit as possible.

C. Public Works

The Chairman presented a copy of communication dated May 22, 1981, from the Board of Technical Registration to all Public Works Officials. (See copy on Minute Book Pages 5134 through 5136.) Chairman Earley states the result of this communication would be that anyone now proposing to do public works for any public works agency may now be documented to indicate registration and in what discipline they are authorized to work.

D. Personnel Matter

Letter from Mark Edson, former Executive Director for Board of Technical Registration, requesting three months terminal leave. (See Minute Book Pages 5137 through 5138.

After discussion and advice from Ms. Gong, Personnel Division, and Don Reville, Executive Budget Office, motion was made as follows:

MOTION: It was moved by Mr. Durand and seconded by Mr. Riggs that the Board grant Mr. Edson two months terminal leave salary; the total being \$5272.68. Motion failed for lack of majority voting in affirmative.

Ms. Gong corrected for the record the statement attributed to her; to wit, "...the State does not pay severance pay..." According to Ms. Gong, without the specific conditions stated, she could not accurately state whether the State does or does not pay severance pay.

E. Printing of Numerical Roster

A discussion was held concerning the printing of the 1981 Numerical Roster.

F. Data Center Overrun Charges

The data processing charges were contracted at \$11,775.00; but due to an overrun of \$6,670.91, Data Center has requested payment for a total of \$18,245.91. The Chairman has agreed to pay half of the overrun when funds are available. Request is made for Board approval for payment as stated.

MOTION: It was moved by Mr. Gookin and seconded by Mr. Nunn that one-half the Data Center overrun costs be paid at the end of fiscal 1980-81, subject to availability of funds. Motion carried.

G. Financial Report

The Chairman presented the financial report to the Board which reflected all revenues and expenses for the current fiscal year through May 30, 1981. (See Minute Book Page 5139.)

MOTION: It was moved by Mr. Gookin and seconded by Ms. Finley that the Board use the balance of unappropriated funds reflected on the Financial

Report of \$7,998.00 in the area of Enforcement policy, subject to availability of funds. Motion carried.

Mr. Gary Sheets suggested a letter to be sent to architectural and engineering firms soliciting volunteers to be available for consulting services. This would not be a formal bid but rather a notice that the Board is interested in having people do consulting work as related to enforcement matters.

MOTION: It was moved by Mr. Riggs and seconded by Mr. Nunn that a letter be sent out to architects and engineers who would like to be considered for volunteers as expert witness in enforcement matters. Motion carried.

11. READING OF COMMUNICATIONS

- A. Letter from William J. Yeates, Engineering Certification Department of SME, regarding the area of manufacturing engineering, (See Minute Book Page 5146.)

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Brown that the Board respond to Mr. Yeates' survey as follows: 1) No; 2) Yes; 3) No; 4) No; 5) No. Motion carried.

- B. Letters regarding the Assaying Examination between Mr. David Rabb and Mark Edson, forwarded to Mr. Brown for discussion and recommendations. (See Minute Book Pages 5143 through 5153.)

Mr. Brown reported files on assaying could be reviewed by the Advisory Committee for Geologists. Also he will review Mr. Rabb's letter with his Advisory Committee at its next meeting. In outlining the examinations for metallurgists, and assayers, the Advisory Committee for Geologists will communicate with metallurgists and chemists, since there is no college degree for assayers; but in the metallurgical degree assaying is included. Mr. Brown stated at the next meeting of the Advisory Committee for Geologists he will continue to follow this up and make necessary recommendations to the Board.

12. UNFINISHED BUSINESS

Special Ad Hoc Committee on Professionalism and Ethics (Gomez, Chairman, Finley, Riggs, Durand)

Mr. Gomez reported he distributed to the Board at its March 6, 1931, meeting the proposed rules of professional conduct as proposed by the NCEE. This was a joint effort not only with NCEE but with many engineering organizations throughout the country. Mr. Gomez suggested sections of this report be incorporated by our Board.

Ms. Finley suggested the Committee on Professionalism and Ethics oversee the drafting of the Rules and any comments regarding professionalism and ethics be made to the Rules Committee.

13. NEW BUSINESS

- A. Memo from Hector Durand to the Chairman regarding Operational Rules of Conduct for Advisory Committees requesting discussion on guidelines for staff evaluation of land surveying applicants and others. (See Minute Book Page 5154.)

Mr. Durand suggested any guidelines for staff evaluation of Land Surveying be deferred until the Rules are certified. Mr. Durand indicated his approval of the outline of the Rules as drafted by Mr. Rivers. Mr. Durand recommended the Board consider revision of Land Surveyor application at some future date.

- B. Consideration and discussion requested regarding letter from Educational Testing Service's continuing education records management service (PASS-PORT).

Copies of letter were distributed to Board members for review. Since the Board was in agreement this service would be of no value to the Board at this time, no further action was taken on this matter.

C. Out-of-State Meetings

1. NCARB Annual Meeting, Maui Surf Hotel, Hawaii, June 23-27, 1981. (Flyer shown on Minute Book Page 5155.)

MOTION: It was moved by Mr. Durand and seconded by Ms. Finley that Messrs. Nunn and Riggs be authorized to attend this meeting. Motion carried.

2. NCEE Annual Meeting, William Plaza Hotel, Tulsa, Oklahoma, August 9-12, 1981. (Flyer is shown on Minute Book Page 5156.)

MOTION: It was moved by Mr. Riggs and seconded by Mr. Gookin that Messrs. Durand and O'Bannon or the incoming Executive Director be authorized travel to this meeting. Motion carried.

D. NCARB Grading Session - Portland, Oregon - July 24-25, 1981

In communication from Mr. James F. Head, Director of Professional Development, NCARB, Mr. Nunn was requested to submit a list of graders to represent Arizona at this meeting. Mr. Nunn advised the Board the following would be participating in the Design Grading Session in Portland, Oregon on July 24 and 25, 1981:

Mr. Jimmie R. Nunn
 Mr. John B. Riggs
 Mr. Craig Walling
 Mr. Robert J. Swain
 Mr. Roger L. Schluntz

MOTION: It was moved by Dr. O'Bannon and seconded by Ms. Finley that the five persons named above be authorized by the Board to attend this meeting. The Board will not be responsible for any travel funds. Motion carried.

E. Executive Session

MOTION: It was moved by Dr. O'Bannon and seconded by Ms. Finley that the Board convene into executive session for the purpose of discussing personnel matters. Motion carried.

14. EXECUTIVE SESSION - 3:20 p.m. to 4:50 p.m.

15. FUTURE DATES

- A.
1. June 8, 1981 - Executive Director's Search Committee
 2. June 12, 1981 - Executive Director's Search Committee Interviews
 3. June 16-17, 1981 - Special Board meeting to interview and employ newly hired Executive Director.
 4. Advisory Committee Meetings as follows:
 - July 9, 1981 - Thursday - Geology
 - July 14, 1981 - Tuesday - Assayer
 - July 15, 1981 - Wednesday - Architect
 - July 21, 1981 - Tuesday - Land Surveyor
 - July 23, 1981 - Thursday - Engineer
 - July 28, 1981 - Tuesday - Landscape Architect
 5. July 24, 1981 - Engineering Committee meeting for review and approval of engineering examination results given in April. Also, special Board meeting and Enforcement Committee meeting.
 6. Evaluation Committee meetings to be called by Chairman as needed prior to September Board meeting.
 7. September 11, 1981 - Regular Board Meeting

16. PRESENTATION OF APPOINTMENT CERTIFICATES

The Chairman presented to Ms. Finley, Mr. Durand, and Mr. Brown certificates of their appointment by Governor Babbitt to the Board.

17. EXPRESSION OF APPRECIATION TO OUTGOING BOARD MEMBER

On behalf of the Board and as one of the most recent appointees to the Board, Mr. Durand expressed his appreciation to Mr. Gomez, as former Board Chairman. Mr. Durand stated that Mr. Gomez's experience of seven years as a Board member have made a valuable contribution to the work of the Board.

Mr. Gomez stated if he could continue to be of service to the Board, he would continue in his appointment until his successor was appointed.

18. CALL FOR ADJOURNMENT

MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that the meeting be adjourned. Motion carried.

Meeting adjourned 5:12 p.m.

7/2/81/pw

OUTLINE OF
PROPOSED RULES OF THE
STATE BOARD OF TECHNICAL REGISTRATION

Article 1. GENERAL PROVISIONS

R4-32-101 Definitions

In these rules unless the context otherwise requires, the following definitions of terms shall apply.

1. "Board" means the Arizona State Board of Technical Registration
2. "Bona fide employee" means
3. "Bona fide resident" means
4. "Gross negligence" means
5. "Incompetence" means
6. "Misconduct" means
7. "Professional Services Income" means
8. "Registrant" means
9. "Retired from Active Practice" means
10. "Violation" means

R4-32-103 Office of the Board

The office of the Board is located at 1645 West Jefferson, Phoenix, Arizona 85007. The office telephone number is (602) 255-4053

R4-32-104 Meetings; election of officers

Meeting dates, notice, term of office, replacement.

R4-32-105 Duties of Officers

Description of each. Presently found in By-laws.

R4-32-106 Advisory Committees

- A. Appointment to, & duration
- B. Duties

R4-32-108 Fees

- A. Application
 1. Resident
 2. Nonresident
- B. Examination fees
 1. Architect-in-Training
 2. Architect - Professional
 3. Engineer-in-Training
 4. Engineer - Professional
 5. Engineer - Other
 6. Geologist-in-Training
 7. Geologist - Professional
 8. Landscape Architect-in-Training
 9. Landscape Architect - Professional
 10. Assayer
- C. Other qualification fees
 1. Senior Oral Evaluation
 2. Treatise
- D. Triennial renewal and transition
- E. Miscellaneous fees
- F. Fee Waiver
- G. Refunds - none
- H. Delinquent renewal Penalty
- I. Cancellation

- R4-32-109 Registration Expiration Dates
- R4-32-121 Issuance of Subpoenas
- R4-32-122 Disciplinary Hearing Procedures
- A. Investigation procedures
 - 1. Investigation
 - 2. Registrant
 - 3. Nonregistrant
 - B. Advisory Committee Action
 - C. Board Action
 - D. Confidentiality
- 44-32-126 Rehearing of Board's Decisions
- A. Filing of motion
 - B. Amendment of motion
 - C. Causes for rehearing
 - 1. Abuse of discretion
 - 2. Misconduct
 - 3. Accident or surprise
 - 4. New evidence
 - 5. Excessive or insufficient penalties

6. Error.
7. Decision unjustified.
- D. Affirmation or modification.
- E. Rehearing initiated by Board.
- F. Affidavits.
- G. Final decision without rehearing.
- H. Conflict between rules and statutes.

Article 2. REGISTRATION

R4-32-201 Applications, General

- A. General, for all applications
 1. Complete prior to evaluation
 2. Staff evaluation
 3. Notice of findings
 4. Code and Rules examination
 5. Evaluation Committee, on call
 6. Board consideration, regular meetings
- B. Treatise or Seminar requirement (Architects)
- C. Transcripts and References
- D. Engineering branches recognized
- E. Reapplication
- F. Information required on form
- G. Revision or withdrawal of application
- H. In-Training programs

R4-32-204 Examinations

- A. Filing dates
- B. Board action required for examination

- C. Examination dates and publication
- D. Notice to applicant
- E. Extensions
- F. Reasons for denial
 - 1. Fee not received
 - 2. Failure to appear
 - 3. Failure to appear for re-examination
 - 4. Failure to comply with rules of application
- G. Examination failures
- H. Review of grade

R4-32-205 Examinations; in-training programs

- A. Engineer-in-Training and Geologist-in-Training twice annually
- B. Architects-in-Training, Landscape Architects-in-Training, once annually.
- C. Qualifications of applicants; Engineers-in-Training, Geologists-in-Training
- D. Qualifications of applicants; Architects-in-Training, Landscape Architect-in-Training
- E. Description of examination; Engineers-in-Training, Geologists-in-Training.
- F. Description of Examination; Architects-in-Training; Landscape Architects-in-Training.

R4-32-206 Architect's Examination

- A. Qualifications, 8 year requirement
 - 1. Education
 - 2. Experience
 - 3. Equivalent training
 - a. Educational criteria
 - b. Experience criteria
- B. Description of examination

R4-32-207 Landscape Architect's Examination

- A. Qualifications, eight year requirement
 - 1. Education
 - 2. Experience
 - 3. Equivalent training
 - a. Educational criteria
 - b. Experience criteria
- B. Description of Examination

R4-32-208 Engineer's Examination

- A. Qualifications, eight year requirement
 - 1. Education
 - 2. Experience
 - 3. Equivalent training
 - a. Educational criteria
 - b. Experience criteria
- B. Description of Examination
 - 1. Engineers, general
 - 2. Structural engineers

R4-32-209 Geologist's Examination

- A. Qualifications, eight year requirement
 - 1. Education
 - 2. Experience
 - 3. Equivalent training
 - a. Educational criteria
 - b. Experience criteria
- B. Description of Examination

R4-32-210 Land Surveyor's Examination

- A. Qualifications, six year requirement
 - 1. Education
 - 2. Experience
 - 3. Equivalent training
 - a. Educational criteria
 - b. Experience criteria
- B. Description of Examination

R4-32-211 Assayer's Examination

- A. Qualifications, six year requirement
 - 1. Education
 - 2. Experience
 - 3. Equivalent training
 - a. Educational criteria
 - b. Experience criteria
- B. Description of examination

R4-32-212 Code and Rules Examination, descriptionR4-32-214 Registration Without Examination

- A. Recognized standing in the profession
 - 1. Evidence of direct involvement
 - 2. Evidence of increased responsibility
 - 3. Noteworthy contributions
 - 4. Twenty years practice
 - 5. Education
 - 6. Submission of exhibits

- B. Oral evaluation
- C. Additional documentation
- D. Comity

R4-32-215 Personal Audience: requests for

Article 3. REGULATORY PROVISIONS

R4-32-301 General Rules of Professional Conduct

- A. Registrants shall comply
 1. False statements or failure to disclose on application
 2. Fraud, deceit, misrepresentation
 3. Misuse of seal
 4. Conflict of interest
 5. Misrepresentation of qualifications
 6. Knowingly violate state & municipal codes
 7. Incompetency
 8. Gross negligence
 9. Other violations, statutes, rules
- B. Failure to comply

R4-32-302 Architect's Standards of Professional Conduct

- A. Architects shall comply
- B. Failure to comply

R4-32-303 Engineer's Standards of Professional Conduct

- A. Engineers shall comply
- B. Failure to comply

R4-32-304 Landscape Architects Standards of Professional Conduct

- A. Landscape Architects shall comply
- B. Failure to comply

R4-32-305 Geologist's Standards of Professional Conduct

- A. Geologists shall comply
- B. Failure to comply

R4-32-306 Land Surveyor's Standards of Professional Conduct

- A. Land Surveyors shall comply
- B. Failure to comply

R4-32-307 Assayer's Standards of Professional Conduct

- A. Assayers shall comply
- B. Failure to comply

Article 4. SEALS, IDENTIFYING MARKERS AND CERTIFICATES

R4-32-401 Description of Seals

R4-32-402 Seals, Securing

R4-32-403 Use of Seals

R4-32-404 Identifying Markers, Securing

R4-32-405 Use of Identifying Markers

R4-32-406 Certificates of Registration

81-154	Johns, Guy	81-157
81-155	Kastang, Richard E.	81-158
81-156	Katner, Sandra D.	81-159
81-157	Kellogg, John R.	81-160
81-158	Lantz, Merrick G.	81-161
81-159	Lant, James H.	81-162
81-160	Lovicki, Jeffrey A.	81-163
81-161	Mason, Michael F.	81-164
81-162	Martin, Christopher	81-165
81-163	Meyer, Victor	81-166
81-164	Miller, Kenneth A.	81-167
81-165	Muller, Richard J.	81-168
81-166	Nelson, Carl E.	81-169
81-167	Redinger, Curtis D.	81-170
81-168	Roberts, Lawrence	81-171
81-169	Schiff, James J.	81-172
81-170	Shepherd, William	81-173
81-171	Smith, Arthur	81-174
81-172	Spillie, Peter J.	81-175
81-173	Stout, Thomas	81-176
81-174	Stucky, George H.	81-177
81-175	Swan, Wayne L., Jr.	81-178
81-176	Tenn, Stephen A.	81-179
81-177	Tolson, Fred L.	81-180
81-178	Trotter, Nicholas	81-181
81-179	Williams, William	81-182
81-180	Wynick, Jay	81-183

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

The Architectural Evaluation Committee met May 20, 1980 and May 21, 1980 in Phoenix, Arizona with the following present:

May 20 ----- Jimmie Nunn
 May 21 ----- Jimmie Nunn

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

- The following applicants 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.

Aarons, Ronald W.	81-154	Johns, Roy	81-151
Barr, Jeffrey Philip	81-191	Keating, Richard C.	80-676
Bellows, Frank W.	81-155	Lakeman, Sandra D.	80-353
Blakeslee, James Robert	81-271	Mahoney, John H.	81-259
Blum, Alan Lee	80-836	Lentz, Merrick D.	80-816
Bower, Bruce Chapman	80-841	Lund, James H.	81-328
Calvin, Roy E.	81-156	Lundahl, Jeffrey A.	81-293
Capone, Peter	81-019	Magee, Richard F.	80-784
Chaffin, Lawrence, Jr.	80-837	Martin, Christopher	80-862
Clemmens, Dennis R.	80-617	Meyer, Victor	81-145
Clemons, Richard Lee	81-069	Miller, Kenneth A.	81-320
Cohn, Kimble Albert	81-329	Miller, Richard J.	81-148
Cook, Gerald Malcolm	81-188	Nelson, Carl E.	81-193
Davis, Joseph Charles	81-232	Redinger, Kevin O.	81-001
Davis, Thomas James	81-153	Robbins, Lawrence	81-147
DeWitt, Lyle Vinson	80-283	Schill Robert J.	81-149
Dexter, George H.	81-257	Shepherd, Phillip	81-233
Dodd, Richard H.	81-114	Siedschlag, Arnold	80-505
Downing, David Allen	81-113	Spillis, Peter J	80-863
Earthman, John Alfred	81-234	Strat, Thomas	81-258
Fa, Michael G.	81-034	Stucky, George D.	81-327
Galyon, Lanny Chase	81-283	Swan, Wayne E., Jr.	81-291
Hicks, Gregory Tyler	81-238	Titus, Stephen A.	81-002
Hope, Frank Lewis, Jr.	81-319	Tolson, Fred L.	81-064
Jeilks, George Wiland	78-603	Tricarico, Nicholas	81-013
Jonassen, James O.	81-295	Williams, William	81-112
Hans, Kahn	81-334	Kunycia, Yar	80-679

Architectural Evaluation Committee Report-Cont'd

2. The following applicants, 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 June 1981 and December 1981:

Barland, Joseph E.	81-260	Prof. Exam/Section A,B
Boonlorm, Paisan	81-294	Prof. Exam/Section A,B
Duffy, Michael Gregory	80-772	Prof. Exam/Section A
Fisher, James Noel	81-157	Qualifying/Prof. Exam/Section A,B
Gorham, Robert S., Jr.	81-237	Prof. Exam/Section A
Hodges, Charles Melvin	81-300	Prof. Exam/Section A
Johnson, Craig Merrill	80-457	Prof. Exam/Section A
Keller, Mark Alan	80-497	Prof. Exam/Section A
Kennedy, Jeffrey M.	80-703	Prof. Exam/Section A,B
Kenyon, David Lloyd	81-189	Qualifying/Prof. Section A,B
Kilgore, Karl Manford	80-270	Prof. Exam/Section A
Moorman, David W.	81-062	Prof. Exam/Section A,B
Philp, Mark Allan	81-190	Qualifying/Prof. Section A,B
Pinkerton, Ray G.	81-068	Prof. Exam/Section A
Smith, Dennis Donald	81-152	Prof. Exam/Section A
Stocker, John Edward	81-239	Qualifying/Prof. Section A,B
Wolfarth, Kim Edward	81-144	Prof. Exam/Section A,B
Foster, Donald Wayne	81-235	

3. The following applicant application was reviewed by the Committee, and it was determined that his application 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:

Harrison, John Stanley	80-734	\$10.00
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4. The following applicants should be denied registration for failure to complete the requirements of the Board within a reasonable length of time.

Duke, Buford W.Jr.	80-588
Diekema, Gerald E.	80-604
Leland, Raymond O.	80-334

5. The following applicants should be denied registration with neither prejudice nor refund at their own request.

Rhoads, William	80-195
Weiser, Roberta R.	80-06
Wicks, Frank R.	81-06

Michael Shelor Architects

May 19, 1981

BOARD OF TECHNICAL REGISTRATION
1645 West Jefferson Room 315
Phoenix, Arizona

ATTN: Wayne Earley

RE: Personal appearance at the June 5, 1981 Board Meeting

Dear Mr. Earley:

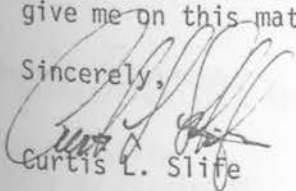
I graduated from the department of Interior Architecture at Kansas State University. I have since taken and passed the Architectural Qualifying Examination along with the Professional Examination Section A-Design; I am now an Architect-In- Training (No. 337).

In November, 1980, I applied to take the remainder of the Professional Examination and was denied on December 5, 1980 (see attached sheet) based on lack of experience. The evaluation committee chose to grant my 5 year education with three years of Architectural Education, requiring an additional 5 years of outside training. Since, I already had 3 years of outside training, an additional 2 years of training was needed. Much has happened since this time in regards to the analysis of my education:

Application for accreditation has been submitted to the N.A.A.B. which will be formally judged in 1982. Also a thorough analysis by the Kansas State Board of Technical Professions has taken place. The Kansas Board, for the time being, has analyzed my department by comparison to the accredited Architectural Department at Kansas State University. Their analysis gives the Interior Architecture Department a minimum of 4 years Architectural Educational Experience (see attached letter).

I, therefore, request to personally present these facts to the board on their June 5, 1981 meeting. I would appreciate any help you can give me on this matter.

Sincerely,


Curtis L. Slife



KANSAS STATE BOARD OF TECHNICAL PROFESSIONS
Suite 1105—535 Kansas Ave. (913) 296-3053 Topeka, Kansas 66603

May 13, 1981

RECEIVED

MAY 20 1981

STATE BOARD OF IN...

F. Mark Edson
Board of Technical Registration for Architects
1645 W. Jefferson, suite 315
Phoenix, AZ 85007

Re: Evaluation of Bachelor of Interior Architecture Degree
Curtis Slife, AIT #337

Dear Mr. Edson:

At Mr. Slife's request, we are offering information as to how the Kansas Board evaluates the above degree.

Per Kansas statutes, rules & regulations this Board may give 5 years educational credit for NAAB accredited architectural degrees and 2 years for non-accredited architectural degrees or more.

It has been this Board's policy to evaluate each Bach. of Interior Architecture degree individually due to the different options one may select in completing this degree. However, in the past the Board has usually given 4 years educational credit for the above degree, requiring 4 years architectural experience for admission to examination.

For your information, I have enclosed a copy of an applicant's transcript which has been evaluated and given 4 years educational credit, along with a copy of the curriculum, to help give you an idea of what the Board accepts for 4 years credit in this degree.

If we can provide any further information, please don't hesitate to contact us.

Sincerely,

Angie Barnes
Angie Barnes/Architect section

cc: Curtis Slife
2745 W. Hazelwood
Phoenix, AZ 85017

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

The Landscape Architectural Evaluation Committee met May 21, 1981 in Phoenix, Arizona with the following present:

May 21 - Wayne Earley

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

1. The following applicants, 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 recommended for registration:

Dimond, F. Christopher	81-194
Gregory, Ronald Boris	81-071
Tuttle, Gary J.	81-008

2. The following applicants 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:

Abell, James Logan	80-206	Parts B,D
Batt, Cordell Larry	81-282	Parts A,B,C,D
Hines, Michael Lawrence	81-020	Parts A,B,C,D
Nichols, Michelle M.	81-299	Parts A,B,C,D
Ryan, Phillip Rodney	81-158	Parts A,B,D
Larson, William	81-195	Parts B,D
Donald, Cynthia	81-276	Parts A,B,C,D

Walters, Robert L.	81-181
Walters, Arthur H.	81-182
Walters, Gary L.	81-183

Butler, Charles H.	81-014
Dean, James C.	81-015
Garman, Gerald G.	81-141
Geisler, Robert A.	81-074
Olsen, Dean J.	81-076
Schwan, Jack A.	81-083
Smolenski, John F.	81-085
Walters, Robert L.	81-181
Walters, Arthur H.	81-182
Walters, Gary L.	81-183

ARCHITECT ENGINEER

Griggs, William E., Jr.	81-086
Houder, Richard Paul	81-088
Walters, Joseph E.	81-184

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

The Committee met May 20 and 21, 1981 in Tucson, Arizona with the following present:

May 20 - Gomez, Riggs, Durand
 May 21 - Gomez, Riggs, Durand

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

- The following applicants, 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:

CHEMICAL ENGINEERING

Burrell, Robert C. 81-014
 Harada, Craig Masami 81-116
 Randell, Paul Roy 80-262

AGRICULTURAL ENGINEER

Mallicoat, Oren Duane 80-858

ELECTRICAL ENGINEER

Atkinson, Robert Sherman 80-865
 Blakely, Thomas E. 80-495
 Bradley, Bruce Newell 80-265
 Evans, Thomas N. Jr. 81-072
 Fowler, Albert Meints, Jr. 81-109
 Henriks, Rolf Ludvig 81-196
 Hoesel, Charles R. II 81-044
 Ogilvie, Rufus, Jr. 81-285
 Quiring, Elvin Gerhard 81-108
 Rubens, David 80-820
 Schamburg, John H. 80-786
 September, Frank J.r 81-166
 Windley, J.K. 81-110
 Purdy, James M. 81-056
 Bounds, Donald R. 81-137
 Argintar, Herbert 81-243

MECHANICAL ENGINEER

Armstrong, Robert L. 81-163
 Bell, Arthur H. 81-055
 Biron, Gary E. 81-159

MECHANICAL ENGINEER - CONT'D

Burr, Richard W. 81-111
 Butler, Charles H. 80-648
 Chen, Thomas C. 81-230
 Cuffman, Jerald L. 81-141
 Degenhardt, Robert A. 81-074
 Diver, Dean J. 81-076
 Gorman, Jack A. 81-063
 Hennessy, John F. 80-450
 Johnson, Earl L. 81-073
 Krug, George B. 80-559
 Moilanen, George L. 80-470
 Moody, John D. 81-200
 Michaelis, Odell J. 81-198
 Palla, Laurence T. 81-268
 Richter, Kurt M. 81-139
 Salas, Carl E. 81-065
 Sas, Louis J. 81-231
 Shannon, Eldon B. 81-022
 Simpson, Floyd S. 81-261
 Viebahn, William C. 81-240
 Walter, Robert Elmer 81-161
 Wilferd, Jack Murlin 81-106
 Wilson, Richard F. 80-822
 Sarau, Richard William 81-138
 Purdy, James Marion 81-057
 Argintar, Herbert 81-243

SANITARY ENGINEER

Griggs, William E., Jr. 80-859
 Mousel, Richard Paul 81-036
 Rempe, Joseph E. 80-794

STRUCTURAL ENGINEER

Ault, Sterling E.	81-081
Hammill, H. Robert	81-173
Harvey, Harold E.	80-693
Hazzard, Lawrence D.	81-087
Mackintosh, Charles	81-215
Neff, Daniel Hansen	81-216
Smith, B. Richal	81-318

METALLURGICAL ENGINEER

Kirby, Robert F.	80-744
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CIVIL ENGINEER

Ai-Imam, Haytham J.	80-846
Arriaga, Javier N.	81-097
Benton, David E.	80-856
Besten, Glenn F.	80-843
Branum, William H.	80-809
Braselton, James T.	81-132
Brittain, Robert D.	80-483
Brown, John Daniel	81-314
Brown, John L. III	81-046
Creamer, R. Steve	80-356
Desai, Jatin Ambalal	81-219
Duffy, Charles W.	81-130
Eichmann, Eric S.	81-217
Fischer, John F.	81-119
Giles, Terry L.	81-122
Goodall, Peter J.	80-766
Gupta, Joginder M.	80-608
Hunt, Gary F.	80-869
Kanakaris, George A.	81-018
Kennedy, David D.	81-025
King, Richard J.	80-391
Knebel, William F., Jr.	81-212
Koltavary, Andrew J.	80-776
Lorang, William F.	81-077
McDonald David H.	81-016
Makhdoom, Rashid A.	80-668
Martin, Ronald F.	81-121
Maxey, Joel W., Jr.	80-815
Meyers, Robert J.	80-808
Morales, Lee	80-731
Murphy, John P.	81-221
Musgrave, William W.	80-830
Olson, Leslie F., Jr.	80-845
Sanchez, Juan M., Jr.	81-078
Schaner, Richard L.	80-872
Shofner, George F.	81-179

CIVIL ENGINEER - CONT'D

Sprester, Forrest R.	80-532
Thiel, Ronald L.	80-829
Walker, John M.	80-844
Wong, Tony K.	80-833
Aposhian, George Z., Jr.	81-176
Barakian, David John	81-79
Birdsall, Blair	81-275
Bontrager, Stephen Lee	81-224
Boyd, Claude D. III	81-205
Carnes, Bill Avery	81-246
Chang, Willy T.F.	81-133
Ching, Paul Winford	81-123
Cozad, Kevin Bruce	81-286
Erwin, Neil S.	81-120
Gahrahmat, Mahmoud M.	81-218
Hansen, Lawrence Alan	81-175
Hatten, Robert E.	81-168
Hitz, Glenn Warren	80-686
Hooper, James Weldon	81-220
Kranitz, John J.	81-120
Lyll, Peter, Jr.	81-313
Metzger, Ronald W.	81-86
Neu, Dennis Edmond	81-172
Paustian, James Scott	81-265
Platoni, Robert Salvatore	81-83
Pool, Richard Leroy	81-26
Quimby, Harold Laverne	81-004
Raval, Harsh R.	81-96
Richardson, Arthur B.	81-186
Sweeney, Donald Dennis	81-98
Zimmerman, Jeremy C.	80-694
Zunich, Michael Richard	81-343

GEOLOGIST

Hill, Gerald Chester, Jr.	81-035
Kaufmann, Robert Frank	81-024
Kissinger, Leroy Eugene	81-255
Ryland, Stephen Lane	81-015

2. The following applicants, 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 examiantions as indicated:

ELECTRICAL ENGINEER

Carr, Benny M.	81-105	Parts 3,4
Cross, Richard N.	80-467	Parts 3,4
Herk, Gary A.	81-075	Parts 1,2,3,4
Lopez, Gilbert	81-167	Parts 3,4
Shacter, Stuart	80-854	Parts 3,4
Umashankar, Ramon	81-264	Parts 3,4

INDUSTRIAL ENGINEER

Schmitt, Louis A.	81-249	Parts 3,4
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GEOPHYSICAL ENGINEER

Fink, James B.	81-126	Parts 3,4
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CHEMICAL ENGINEER

Buhr, Heinrich	80-848	Parts 3,4
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LAND SURVEYOR

Anderson, Jerry L.	81-124	Parts 4
Aposhian, George Z	81-177	Parts 3,4
Beeler, Joseph N.	81-136	Part 4
Bonanotte, Cleto	80-727	Part 4
Dean, James L.	80-738	Part 4
Gilbert, Kivin P.	81-134	Parts 1,2,3,4
Graham, William	81-092	Parts 1,2,3,4
Greene, Dale A.	80-163	Parts 1,2,3,4
Jerumbo, Ronald	81-090	Parts 1,2,3,4
Kainz, Joe L.	80-681	Part 4
Mettee, Richard	80-322	Parts 1,2,3,4
Miller, Robert C.	80-684	Part 4
Nelson, Ragan O	81-099	Parts 1,2,3,4
Nelson, Paul D.	81-170	Part 4
Nelson, William R.	81-135	Parts 1,2,3,4
Olsson, Lester	81-171	Part 4
Postacchini, G.	80-726	Part 4
Stephens, Robert	81-207	Part 4
Swinford, Dee W	81-251	Parts 1,2,3,4
Wickware, Robert	81-100	Part 4
Young, Joe B.Jr.	81-052	Parts 1,2,3,4
Domler, Joseph A.	80-721	Parts 3,4

MECHANICAL ENGINEER

Heck, Daniel C. Jr.	81-059	Parts 3,4	Minkler, Lyle F.	81-262	Parts 3,4
Jarrett, Alvin D.	81-060	Parts 3,4	Thomas, Matthew E.	81-066	Parts 3,4
Poire, Norman P.	81-032	Parts 3,4			
Guice, Harvey H.	80-713	Parts 3,4			
Yep, Francis W.	81-058	Parts 3,4			
Bagby, Philip S.	80-471	Parts 3,4			
Anderson, Robert L.	81-140	Parts 3,4			
McCarthy, James M.	81-067	Parts 3,4			
Martin, Jonnie E.	81-160	Parts 3,4			

METALLURGICAL ENGINEER

Roggenthen, Deborah K.	81-028	Parts 3,4			
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MINING ENGINEER

Zappia, Michael A.	81-103	Parts 3,4			
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STRUCTURAL ENGINEER

Casey, Edmond T.	81-030	Parts 3,4,5,6			
Cheyne, Wilroy G.	81-310	Parts 5,6			
Durington, David A.	81-247	Parts 5,6			
Fejes, Leslie A.	80-826	Parts 5,6			
Fischer, James W.	81-266	Parts 5,6			
Harding, Richard L.	81-125	Parts 5,6			
Hartman, Ronald D.	81-174	Parts 5,6			
Ihde, Glenn M.	81-214	Parts 5,6			
Kim, Kwon Su	80-544	Parts 5,6			
Knebel, William F.	81-211	Parts 5,6			
Lamb, Lawrence G.	81-088	Parts 5,6			
Neville, Augustus III	81-248	Parts 5,6			
Pacey, Michael F.	81-203	Parts 5,6			
Schleis, Richard J.	80-793	Parts 5,6			
Scott, Paul G.	81-041	Parts 3,4,5,6			
Shepard, Benjamin	80-870	Parts 5,6			
Tiema, Robert E.	81-306	Parts 5,6			
White, William C.	81-279	Parts 3,4,5,6			
Hagedorn, George G.	81-201	Parts 3,4,5,6			
Quimby, Harold L.	81-005	Parts 5,6			

CIVIL ENGINEER

Bassett, Charles A.Jr.	81-178	Parts 3,4
Binick, James	81-049	Parts 1,2,3,4
Creaser, Gregg A.	81-182	Parts 3,4
Hughes, Robert P.	81-118	Parts 3,4
Kostoff, Jimmy	80-126	Parts 3,4
McCabe, Robert J.	81-050	Parts 3,4
Tahmassian, Azad T.	81-085	Parts 1,2,3,4
Zinsmeister, Herbert F.Jr.	81-095	Parts 3,4
Catterfeld, James Arnold	81-80	Parts 1,2,3,4
Daniels, Brian Lee	81-48	Parts 3,4
Ferguson, Ronald Cephas	81-129	Parts 3,4
Feyen, Kenneth Jack	81-183	Parts 3,4
Gualtiere, Monte	81-222	Parts 3,4
Haarman, Johan T.	80-395	Parts 3,4
Hall, David Bruce	81-131	Parts 1,2,3,4
Lloyd, Michael Merrill	81-101	Parts 3,4
Mitchell, Robert Spencer	81-127	Parts 3,4
Passmore, Clifford Alan	81-84	Parts 3,4
Raleigh, Edward A.	81-117	Parts 3,4
Shine, Richard Everett	80-871	Parts 3,4
Stocker, Gary Edward	81-115	Parts 3,4
Zigterman, Tom W.	81-202	Parts 3,4

3. The following applicants applications were reviewed by 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:

Barry, William Mark, Jr.	80-687	\$10.00
Caccavale, Salvatore Erasmo	81-228	\$10.00
Costello, Milton	80-680	\$10.00
Lake, Gary David	80-256	\$10.00

4. The following applicants should be denied registration for failure to complete the requirements of the Board within a reasonable length of time:

Alford, Richard Hallie	78-437
Arain, Mohammad Akram	79-153
Badilla, Francisco Manuel	80-118
Bandityanond, Suvit	79-233
Bareman, Paul Robert	79-189
Broderick, Daniel P. Jr.	80-091
Brown, Jeffrey Russell	79-146
Carter, Leslie	80-176
Chheda, Padamshi Hirji	80-042
Coor, Mark Stephen	80-063
Cote, Richard C.	80-093
Dale, Edward E.	78-260
Dalrymple, Guerry M.	70-311
Goetting, Fred Thornton Jr.	80-043
Goldstein, Kenneth Martin	78-658
Hilliard, Donald Francis	79-16
Hope, Ronald Joseph	77-297
Lefler, Lyle Gene	79-285
Lockett, Phillip N.	80-011
Marler, Warren Kent	80-080
Meikle, Robert Edward	80-045
Munoz, Daniel E.	80-100
Murphy, Barbara Harrington	78-1
Murphy, Catherine Louise	80-056
Newman, Benjamin Ernest	80-001
Paffendorf, James A.	78-662
Plummer, Elmer J.	80-159
Ramsey, Robert Howard	79-262
Rector, Edward L.	80-03
Sarjapur, Jayadevan M.	77-93
Sjogren, Jon Charles	80-69
Spencer, Gerald William	80-86
Sullivan, James Emmett	78-124
Tarleton, Robert E. Jr.	80-113
Trenholme, William Maclaren	79-641
Werner, Scott Dale	80-27

BOARD OF TECHNICAL REGISTRATION

- 5. The following applicants should be denied registration with neither prejudice nor refund at their own request:

Brown, David Canby	75-483
Dalton, Robert Rex	80-147
Evans, Roy Lee	77-608
Schechter, Eric H.	81-066
Van De Bogart, Roy W.	80-193

Dr. Harold F. Day
 Assistant Vice President
 for Physical Facilities
 Arizona State University
 Tempe, AZ 85281

Dear Mr. Day:

Re: File no. 80-193

The Board, at the regular March 5th Meeting, accepted your request for adjournment of the audience which was scheduled to consider further your application for registration.

The Board wishes to reiterate its previous statements to you that the audience will be conducted with the utmost courtesy and will only concern your personal understanding of the statutes governing professional practice. In no way do they intend to hold you responsible for official policy of Arizona State University.

Please have your calendar for June 5, 1981, to attend the meeting held in the offices of the Board - 1645 W. Jefferson, Suite 212, Phoenix, AZ 85027. If you cannot hear otherwise from us, we will contact you at approximately 9:30 a.m.

Yours very truly,

J. Mark Eason
 Executive Director



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05107

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

March 19, 1981

Mr. Herbert E. Bay
Assistant Vice President
for Physical Facilities
Arizona State University
Tempe, AZ 85281

Dear Mr. Bay:

Re: File No. 80-363

The Board, at the regular March 6th Meeting, accepted your request for deferral of the audience which was scheduled to consider further your application for registration.

The Board asked me to reiterate my previous statements to you that the audience will be conducted with the utmost courtesy and will only concern your personal understanding of the statutes governing professional practice. In no way do they intend to hold you responsible for official policy of Arizona State University.

Please mark your calendar for June 5, 1981, to attend the meeting here in the offices of the Board - 1645 W. Jefferson, Suite 315, Phoenix, AZ 85007. If you do not hear otherwise from us, we will schedule you at approximately 9:30 a.m.

Yours very truly,

F. Mark Edson
Executive Director

FME:pw

March 2, 1981

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

RE: EIT #78-161

Dear Sirs:

On the October, 1980 EIT test I received a grade of 69%. I am requesting that my test be rescored.

In addition, since my grade is only one percentage point below the passing grade of 70%, I am also requesting that special consideration be given to allowing the grade be declared as passing for the following reasons:

1. I am sure there are several questions in the test which due to questionable wording and/or presentation of the problem could be interpreted several ways and therefore a different answer obtained, also correct. It would seem to be an expense of valuable time, yours and mine, to review the test on a question by question basis due to the one percentage point.
2. I have taken the EIT test before and have shown a definite improvement in the last test score as a result of dedicated study.

I plan to take the P.E. portions of the test in the future and it would seem to be a misapplication of resources to have to spend valuable time restudying for the EIT portions when the time could be better spent studying for the P.E. portions because of one percentage point.

Due to prior business commitments which require I be out of town, I will be unable to take the reexamination in April, 1981 should you not act favorably on my request.

I look forward to your favorable response to my request to apply reasonableness.

Sincerely

Ronald Krosting
2456 W. Plata Ave.
Mesa, Az. 85202

Rescore
3/16/81



6B p 105109

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

May 5, 1981

Mr. Joseph E. Varga, P.E.
Vice President and Chief Structural
Engineer
Cunningham Engineers, Inc.
1400 North Woodward Avenue
Birmingham, MI 48011

Dear Mr. Varga:

I will bring your letter of April 3, 1981, to the attention of the Board at the regular meeting of June 5, 1981, for consideration of your request to waive Part VI of the Arizona Structural Engineering exams.

Regarding the date we tried to arrange for you to take the exam in Michigan, there seems to be some confusion. We offered the Michigan Board any date of their choosing to proctor the exam for you. They chose to add you to the class for the regular NCEE national examinations and turned down our request, since it didn't comply with their 6-week rule, and indicated the next exam series would be in October 1981. Since our exam is not a national exam, the Arizona Board is willing to provide our exam at any time convenient to both the proctor and the applicant as long as the proctoring board accepts the responsibility for security of the examination material. We do this for other states, proctoring examinations for individual applicants of other state boards right here in our offices.

Why not call Ms. Barlow at the Michigan Board office and discuss the matter directly with her, then ask the Michigan Board to advise us of the dates you work out, if they are willing to help you.

Very truly yours,

F. Mark Edson
Executive Director

cc: Michigan Board

FME:pw

Hand for agenda File
of June 5th Bd 5110

CUNNINGHAM ENGINEERS INC.



ENGINEERS * ARCHITECTS * PLANNERS

400 N. WOODWARD AVE. - BIRMINGHAM, MICHIGAN 48011 * AREA CODE 313 * 245-6830

April 3, 1981

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

RE: Structural Engineer #79-829

ATTN: Mr. F. Mark Edson
Executive Director

Respectfully submitted,
Joseph E. Varga, P.E.
Joseph E. Varga, P.E.
Chief Engineer

Gentlemen:

I am hereby petitioning The Board to review my situation regarding application as Structural Engineer.

My academic, experience and licensing credentials are documented in my application.

In addition, however, I would like to point out that seismic (structural) design is an essential part of my engineering experience not previously documented.

I have personally designed (on behalf of my current employer) the following seismically resistant projects:

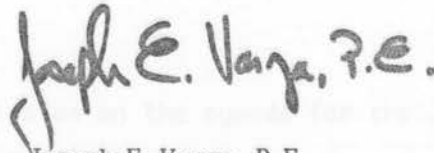
<u>Project #</u>	<u>Client</u>	<u>Location</u>
6629	Massey Ferguson, Inc.	Queretaro, Mexico
6643	Westab, Inc.	San Jose, Calif.
66976	Motor Iberica S.A.	Barcelona, Spain
67043	Motor Iberica S.A.	Barcelona, Spain
69104	Massey Ferguson, Inc.	Tuzla, Turkey
69110	AMP, Inc.	Compton, Calif.
70055	Gaylord Brothers, Inc.	Stockton, Calif.
71003	Kodak, S.A.	Barcelona, Spain
71021	Stanhome de Espana, S.A.	Rubi-Barcelona, Spain
71024	Borden de Puerto Rico	Bayamon, Puerto Rico
71083	Digital Equipment Corp. Ltd.	Ottawa, Ontario
72077	National Can Corp.	Catano, Puerto Rico
74110	Canadian Bell Telephone	Ottawa, Ontario
77040	McNeil Laboratories	Irvine, Calif.
77026	Guardian Industries, Inc.	Kingsburg, Calif.
79066	Janssen Pharmaceutia	Gurabo, Puerto Rico
81009	Johnson Matthey, Ltd.	Salt Lake City, Utah

April 3, 1981
Arizona Board of Technical Registration
RE: Structural Engineer #79-829
Page 2

Accordingly, on the basis of experience, I am requesting a waiver of Part VI of the written examination for structural engineer.

Should The Board desire amplification of any of the above, I would be pleased to comply.

Respectfully submitted,



Joseph E. Varga, P.E.
Vice President and
Chief Structural Engineer

JEV/jk

cc: Teri Taylor



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05112

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

3 June 1981

M E M O R A N D U M

To: Board Members

From: Bruce Rosenhan,
Assist. to the Exec. Dir.

Subject: Brian A. Spencer, #13890

The subject file is submitted for inclusion on the agenda for the June 5, 1981, Board Meeting for granting of licensing.

The file has been "pigeon holed" due to a complaint against the applicant. However, it has never been the intent of the Advisory Committee or the Enforcement Committee to withhold licensing due to the complaint in that the complaint was of a very minor nature.

Since the applicant passed all parts of the exam last September, further withholding of his application is simply not justifiable.

Sincerely,


1100 for agenda
Suite 505 Bldg 05113

Amir M. Masowdi
10064 North 42nd Street
Phoenix, Arizona 85028

March 3, 1981

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

Subject: CE #75-231

Gentlemen:

Enclosed is a copy of a letter recently received from Mr. Edson, Executive Director of the State of Arizona Technical Board of Registration, indicating a failing grade of 69% on Part 2 of the written examination taken in October/November 1980. My understanding is that 70% is a passing grade. Since merely 1% point grade stands before a favorable consideration being given towards my professional registration, I respectfully request that the Board reconsider the failing grade and, if possible, revise it to a passing grade.

I would be most pleased to personally appear before the Board during this reconsideration, if it is possible. Hopefully, a decision regarding this request will be reached in a timely manner such that arrangements can be made to take the next examination, should that become necessary.

Sincerely,

Amir Masowdi

Enc.

add for agenda of June 5th
be meeting 5114

MARICOPA COUNTY HEALTH DEPARTMENT

A DIVISION OF MARICOPA COUNTY DEPARTMENT OF HEALTH SERVICES
1825/1845 East Roosevelt, Phoenix, Arizona 85006
P.O. Box 2111, Phoenix, Arizona 85001



Phone: 258-6381

File 77-573

March 6, 1981

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

Gentlemen:

I hereby request the Board to waive the requirement for my passing parts one and two of the Professional Engineers Examination as a prerequisite for obtaining my Sanitary Engineering License in the State of Arizona.

I am a 1972 and 1975 graduate of Northeastern University, which is an ECPD accredited school.

I have passed parts three and four of the above referenced examination and have 15 years of practical experience in the field of Civil and Sanitary Engineering.

It is my full intention to complete parts one and two of the examination, however, the approval of this request will afford me the opportunity to maximize my talents in the area of my professional endeavors.

If you have any questions or require any further information concerning this matter, please contact me at 258-6381, extention 366 (office) or 265-9682.

Very truly yours,

Brayton P. Willis, Jr.

BPW:ng

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GRANTED REGISTRATION

05115

AGRICULTURAL

Mallicoat, Oren D. 13797

ARCHITECT

Aarons, Ronald W. 13700
 Barr, Jeffrey P. 13701
 Bellows, Frank W. 13702
 Blakeslee, James R. 13703
 Blum, Alan L. 13704
 Bower, Bruce C. 13705
 Calvin, Roy E. 13706
 Capone, Peter 13707
 Chaffin, Lawrence 13708
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 Clemons, Richard L. 13710
 Cohn, Kimble A. 13711
 Cook, Gerald M. 13712
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 Davis, Thomas J. 13714
 DeWitt, Lyle V. 13715
 Dexter, George H. 13716
 Dodd, Richard H. 13717
 Downing, David A. 13718
 Earthman, John A. 13719
 Fa, Michael G. 13720
 Galyon, Lanny C. 13721
 Hicks, Gregory T. 13722
 Hope, Frank L. Jr. 13723
 Jelks, George W. 13724
 Jonassen, James O. 13725
 Johns, Roy 13726
 Keating, Richard C. 13727
 Lakeman, Sandra D. 13728
 Mahoney, John H. 13729
 Lentz, Merrick D. 13730
 Lund, James H. 13731
 Lundahl, Jeffrey A. 13732
 Magee, Richard F. 13733
 Martin, Christopher 13734
 Meyer, Victor 13735
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 Miller, Richard J. 13737
 Nelson, Carl E. 13738
 Redinger, Kevin O. 13739
 Robbins, Lawrence A. 13740
 Schill, Robert J. 13741
 Shepherd, Phillip W. 13742
 Siedschlag, Arnold C. 13743
 Spillis, Peter J. 13744
 Strat, Thomas 13745
 Stucky, George D. 13746
 Swan, Wayne E. Jr. 13747
 Titus, Stephen A. 13748
 Tolson, Fred L. 13749

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Tricarico, Nicholas J. 13750
 Williams, William R. 13751
 Kunyacia, Yar 13752
 Hans, Kahn 13889
 Spencer, Brian A. 13890
 DeNyse, Robert A. 13892
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 Hatcher, James Arthur 13898

ASSAYING

About, George M. 13899

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 Burrell, Robert C. 13799
 Randell, Paul R. 13842

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Al-Imam, Haytham J. 13756
 Arriaga, Javier 13757
 Benton, David E. 13758
 Besten, Glenn F. 13759
 Branum, William H. 13760
 Braselton, James T. 13761
 Brittain, Robert D. 13762
 Brown, John D. 13763
 Brown, John L. III 13764
 Creamer, R. Steve 13765
 Desai, Jatin A. 13766
 Duffy, Charles W. 13767
 Eichmann, Eric S. 13768
 Fischer, John F. 13769
 Giles, Terry L. 13770
 Goodall, Peter J. 13771
 Gupta, Joginder M. 13772
 Hunt, Gary F. 13773
 Kanakaris, George A. 13774
 Kennedy, David D. 13775
 King, Richard J. 13776
 Knebel, William F. Jr. 13777
 Koltavary, Andrew J. 13778
 Lorang, William F. 13779
 McDonald, David H. 13780
 Makhdoom, Rashid A. 13781
 Martin, Ronald F. 13782
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GRANTED REGISTRATION

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Meyers, Robert J.	13784
Morales, Lee	13785
Murphy, John P.	13786
Musgrave, William W.	13787
Olson, Leslie F. Jr.	13788
Sanchez, Juan M. Jr.	13789
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Sprester, Forrest R.	13792
Thiel, Ronald L.	13793
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Bortfeld, Robert J.	13903
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Buxton, Lawrence A.	13905
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Carr, John W.	13907
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Tsang, Antony C.	13924
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Blakely, Thomas E.	13801
Bradley, Bruce N.	13802
Evans, Thomas N. Jr.	13803
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September, Frank Jr.	13811
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Purdy, James M.	13855
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GRANTED REGISTRATION

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Salas, Carl E.	13831
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Viebahn, William C.	13835
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Wilferd, Jack M.	13837
Wilson, Richard F.	13838
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Argintar, Herbert	13860
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Howeth, Michael L.	13944
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Hardy, Kim L.	13952
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Griggs, William E. Jr.	13839
Mousel, Richard P.	13840
Rempe, Joseph E.	13841
Olbert, Bradford D.	13955

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Ault, Sterling E.	13843
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Harvey, Harold E.	13845
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Neff, Daniel H.	13848
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Tychowski, Christopher	13965
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GRANTED REGISTRATION

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Bell, David R.	2398
Billingsley, John M.	2399
Bishop, Debra S.	2400
Boyd, David A.	2401
Brechler, Chris K.	2402
Bruner, Barry L.	2403
Cadden, Frank M.	2404
Couch, Duncan J.	2405
Darby, Steve	2406
Davis, Stephen K.	2407
Doell, Richard W.	2408
Dreasen, Kathryn M.	2409
Eklund, Philip M.	2410
Engel, Bart A.	2411
Farrington, Mark	2412
Featherston, Rex J.	2413
Folkerts, Michael D.	2414
Goodenberg, Robert J.	2415
Goodrich, Evelyn L.	2416
Goudy, Susan E.	2417
Gross, Karl W.	2418
Hamblin, Loren D.	2419
Heckathorn, Thomas C.	2420
Hierling, Raymond E.	2421
High, Glen Timothy	2422
Jaspers, Byron W.	2423
Johannis, John	2424
Jolly, Timothy D.	2425
Kalisz, John B.	2426
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Kingston, Keith A.	2428
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Siefert, John P.	2442
Stevens, Charles R. Jr.	2443
Suedkamp, Mark H.	2444
Tang, Millie	2445
Tehan, Matthew A.	2446
Toronto, Richard C.	2447
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Wich, Michael B.	2449
Winrow, Robert P. Jr.	2450
Wylie, Douglas J.	2451
Pierson, Phillip E.	2452



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05120

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

1 June 1981

Wayne O. Earley, Chairman
Board of Technical Registration
1645 West Jefferson, Suite 315
Phoenix, AZ 85007

Dear Mr. Earley:

Please refer to Complaint C16-79, Board of Technical Registration vs. Robert B. Atherton.

In the disposition of the Atherton complaint, the Board recommended that Mr. Atherton be given a consent agreement in lieu of a formal hearing in which he would accept a one (1) year probation and \$250 fine.

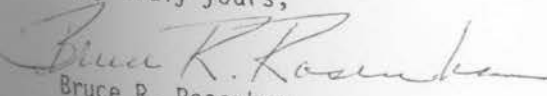
In the compliance conference of April 14, 1981, the Board Staff, including Mr. Sheets, of the Attorney General's Office, reviewed the Board recommendation with the respondent. After additional evaluation of the Board recommendation and the circumstances surrounding the Atherton case, the Board Staff is recommending that the action against Mr. Atherton be dropped due to the following reasons:

1. A substantial period of time has passed since the finding was determined by the Board (two years). Implementation of probation at this time does not appear appropriate.
2. The attached letter from Mr. Atherton along with the incidents surrounding the complaint further justify dropping of any action.

It is the Staff's recommendation that dropping further action in this case will best serve all parties concerned in that the education of the respondent and the recommended sanctions have basically been accomplished.

Should you require additional information in this matter, please advise.

Very truly yours,


Bruce R. Rosenhan
Enforcement Officer

cc: Gary L. Sheets
Assistant Attorney General

Encl

BRR:tlp

State of Arizona
BOARD OF TECHNICAL REGISTRATION

5028 East Columbine
Scottsdale, AZ. 85254
April 14, 1981

Mr. S. Mark Edson, Executive Director
State Board of Technical Registration
1648 West Jefferson/Suite 315
Phoenix, Arizona 85007

Dear Mr. Edson:

In response to the meeting held this morning with Mr. Gary Sheets, Mr. Bruce Rosenhan and myself, I hereby submit the following information concerning the complaint filed against me by Mr. Homer Scott:

1. I have always felt and still believe I did not violate the intent of the law as stated in A.R.S. 32-125C. I went to considerable lengths as outlined in my letter of July 26, 1979 to avoid violating the intent of the law.

2. This matter has been unresolved for a period of time now approaching two years. During this time I have suffered considerable anguish not knowing from one day to the next whether my license would be suspended or revoked. For a large part of this time I was self-employed and any action by the Board concerning suspension or revocation would have terminated my business.

3. During this time period I have spent a considerable amount of time trying to resolve the problem and have incurred \$900.00 in legal fees in this regard.

Based on the above stated facts, I hereby request a dismissal of the complaint against me.

Very truly yours,

Robert B. Atherton
Robert B. Atherton



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05122

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

M E M O R A N D U M

To: Wayne O. Earley, Chairman
Board of Technical Registration

From: Bruce R. Rosenhan *BR Rosenhan*
Enforcement Officer

Subject: BTR VS. Logan E. Campbell C36-79

The Board's recommendation for resolution of this complaint was:

One (1) year probation and \$250 administrative fine.

In an effort to settle the matter in a manner palatable to all concerned and still uphold the intent of the Board, the following recommendation is suggested by the Staff.

In view of the length of time since filing and resolution of the complaint and taking into account Mr. Campbell's statement (copy attached), Staff recommends that probation be dropped in that the spirit of probation has been served. The fine of \$250.00 will stand as recommended and has been paid.

A Decision (By Consent) has been signed by the respondent agreeing to the above terms and is forwarded, herewith, for your acceptance and resolution of this matter.

E. LOGAN CAMPBELL ARCHITECT
346 WEST CAMPBELL AVENUE PHOENIX, ARIZONA 274-7189

05123

April 27, 1981

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

Re: C36-79

Dear Mr. Edson:

In our compliance conference on Tuesday, April 14, 1981, you and Mr. Bruce R. Rosenhan requested that I state my feelings and recommendations in writing so that we might finally resolve the Richard Steinke matter.

By way of introduction I submit that I am a duly registered architect in the State of Arizona, having received my Master's Degree from Oklahoma University in 1956. From 1957 to 1960 I was an associate professor at Arizona State University and taught ethics and professional practice. I have been in private practice since that time and have never done anything to compromise my credentials as an architect.

With regard to this matter, I feel that a probation period is totally unwarranted for there was never any thought to defraud. I am innocent of any such intent and acted only with sincerity and professionalism regarding the building department. Some of your investigative facts are incorrect, for the drawings were prepared on my board and under my supervision by Mr. Steinke, my neighbor, who I have known and worked with for approximately nine years. During this time we have worked on four restaurants, a resort complex, an office building and numerous residences. At the time of preparation of the drawings in this matter, I was occupied with another commission, otherwise I would have completed the drafting myself. There was never any monetary benefit to me from this, and the final scope was approximately six thousand dollars total construction cost for a three sided shed addition to an existing building.

The first submittal of the plans was given to Mr. Haupt of the Phoenix Building Department with my seal attached. At that time, Mr. Haupt advised Mr. Steinke that the plans should be submitted to the small plan check department because of the small scope of the job, and that they did not require my seal. A copy was incorrectly retained by

Mr. F. Mark Edson
Page 2
April 27, 1981

Mr. Haupt after he had advised Mr. Steinke that it would only require the structural engineer's seal. Mr. Steinke gave me this information and I ran two new sets of prints on my ozalid machine and took them to Fred Miller, structural engineer. The drafting, while not as professional as if prepared by me personally, was informatively correct, and Mr. Miller's only change was two rebar sizes from the original drawings.

I feel, as I stated to you at the meeting, that this incident could have been resolved between the building department and myself with a telephone call whereby I would have explained the facts to Mr. Bill Carey. Since this was not done, the following events have taken place: Mr. Steinke and I have each received several telephone calls from you stating that since a complaint was made, apparently a verbal complaint, you were required by your position to clarify the facts. You then assured us by telephone that the information given to you by us did in fact clarify the matter and that it was therefore resolved and no further action would be taken by your department.

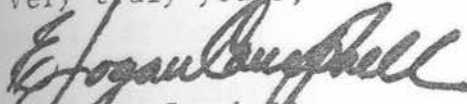
I was then advised, after this assurance by you, that an informal hearing of the Enforcement Committee concerning 5-1-100-0036-79-BTR VS. E. LOGAN CAMPBELL was to be held at 10:30 a.m., September 26, 1980, in the offices of the Board. At this informal hearing, my attorney, Mr. Henry S. Hester, was present as well as Mr. Steinke, but you did not allow Mr. Steinke to be in attendance at this hearing which was tape recorded. I feel that Mr. Steinke should have been allowed to attend this hearing, as I requested several times during the meeting, so that he also could clarify his and my intent in this matter. I do not feel the magnitude of the complaint is justified when taken in context with my record as an architect in the State of Arizona over the last 24 years.

Mr. Steinke and I agree to reimburse your office in the sum of \$250, the expenses you state were incurred in research of this incident. In addition thereto, I have expended the sum of \$370.50 which represents legal expenses incurred for the September 12, 1981 Enforcement Committee meeting. A copy of my lawyer's statement for this amount is enclosed herewith. It is my understanding that acceptance of the aforementioned sums and the explanation set forth herein shall resolve and settle this matter to the satisfaction of all parties involved, and I shall suffer no further exposure in connection herewith.

Mr. F. Mark Edson
Page 3
April 27, 1981

Thank you very much for the opportunity to clarify the facts and state my position in this matter and I appreciate the professional manner in which Mr. Rosenban conducted the April 14, 1981 meeting.

Very truly yours,


E. Logan Campbell

ELC:1
Enclosure

I have read the foregoing and concur therewith:


Richard A. Steinke
Richard A. Steinke

MEYER, VUCICHEVICH & CIMALA, P.C.

05126

ATTORNEYS AT LAW
3246 NORTH SIXTEENTH STREET
PHOENIX, ARIZONA 85016
Telephone (602) 264-9081

Campbell, E. Logan
346 W. Campbell Avenue
Phoenix, Az. 85013

March 31, 1981

HGH 20014-003

adv. B.T.R.

Previous Balance	___	370.50
Payments Received	___	0.00
Retainer Applied	___	0.00
Adjustments	___	0.00
Current Charges	___	0.00
Amount Due & Payable		370.50



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05127

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

2 June 1981

M E M O R A N D U M

To: Wayne O. Earley, Chairman
 Board of Technical Registration

From: Bruce R. Rosenhan *BR Rosenhan*
 Enforcement Officer

Subject: BTR VS. Richard N. Pearce - C21-79

Mr. Pearce was involved with Willdan Associates during the period of investigation and at the time the initial complaint was filed. The original recommendation of the Board on this case was: for Mr. Carter, \$2,000.00 fine plus costs and one (1) year probation, for Mr. Pearce, \$1,000.00 fine and six (6) months probation.

In a subsequent compliance review with the Attorney General Representative, Gary Sheets, along with the respondent attorney for Willdan, the following agreement evolved: Mr. Carter, \$1,000.00 fine and censure, Mr. Pearce, \$250.00 fine and censure. Mr. Carter has completed his Decision By Consent and paid the \$1,000.00 fine. Enclosed for your acceptance is Mr. Pearce's signed Decision By Consent and his check for \$250.00.

Staff recommends acceptance of Mr. Pearce's Decision By Consent and fine to close this complaint case.



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05128

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

MINUTES OF MEETING

PHOENIX ENFORCEMENT COMMITTEE

Arizona State Board of Technical Registration

June 17 April 17, 1981

A meeting of the Committee of the State Board of Technical Registration was held at the office of the Board, Room 315, Occupational Licensing Building, 1645 West Jefferson, Phoenix, Arizona, on Friday, April 17, 1981. The meeting was called to order by Chairman Wayne O. Earley at 9:15 a.m.

- I. Present: Members: Wayne O. Earley, Chairman
Charles E. O'Bannon, Vice-Chairman
Hector C. Durand, Member
Patricia J. Finley, Member
William S. Gookin, Member
John B. Riggs, Member
- Gary L. Sheets, Asst. Atty. General
F. Mark Edson, Executive Director
Bruce R. Rosenhan, Asst. Exec. Dir.
- Guests: Don Reville, Budget Analyst
Marilyn Spies, Legis. Budget Analyst
- Absent: Jimmie R. Nunn, Secretary
Silas C. Brown, Member
Rod J. Gomez, Member

II. PROCEDURE FOR HANDLING COMPLAINTS

Revisions to the procedure for handling complaints was discussed and the revised procedure evolved as follows as follows:

Proposed Procedure For Handling Complaints

1. Complaint is received by sworn complaint and affidavit, letter or telephone call with written followup, anonymous or identified communications. All complaints are confidential in nature.
2. Preinvestigation:
 - A. Advise party of complaint and request their response.
 - B. Other necessary field investigation to fill in gaps. Staff makes administrative decision to proceed to next step, refer

to other agency for lack of jurisdiction, or terminate where no basis is apparent.

3. A. On nontechnical matters - staff verify evidence by field investigation, where appropriate and prepare investigative reports with evidence attached.
- B. On nonregistrant matters referred to Board for authorization for Cease and Desist Letters.
- C. Prepares agenda for next Advisory Committee meeting.
- D. Informs parties of progress.

4. Complaint referred to Advisory Committee
 - A. Technical matter - refer to Technical Investigator, for investigation and report.
 - B. Committee reviews the file and:
 1. Close due to lack of adequate complaint; or
 2. Hears parties in informal hearing; or
 3. Refers matter of informal hearing to future meeting; or
 4. Refers matter for further investigation by staff; or
 5. Delineates findings and makes recommendations to the Board.
 - C. Staff informs parties of progress. Respondent: Consent Order or Decision By Consent, etc.

5. Board receives Advisory Committee Recommendation
 - A. The Board acts on Committee recommendations:
 1. Close the file; or
 2. Initiate Certificate of Compliance or Decision by Consent Agreement; or
 3. Initiate injunctive and/or misdemeanor action; or
 4. Refer back to Committee.
 - B. Staff informs parties of progress, initiates Board action and resolves problems through Compliance Conferences with Respondents.

6. Board received Consent Agreement for approval and signature, Certificate of Compliance or Cease and Desist letters for closing action.
 - A. Lacking acceptance of above document by Respondent, the Board initiates further proceedings:
 1. For Hearing; or
 2. Injunctive and/or misdemeanor actions.
 - B. Formal hearing - Set dates, provides parties with 30-day notice of hearing, hear testimony and act.
 - C. Followup letter monthly to Attorney General regarding pending actions of other agencies, i.e., Attorney General, Superior Court, County or City Attorneys, etc., copy to parties.

7. Staff closes file after Board Action.
 - A. Send letter to complaining party (if applicable) and Respondent.
 1. Both letters should advise parties of the disposition of the matter and what Board action was taken.
 - B. Report to the Board to show action was carried out and the matter was closed.
 - C. Mark all logs.
 - D. Notify all parties.
 - E. Take the Report Sheet from the case file and put it in the Registrant's file (where applicable).

- F. File nonregistrant reports in alpha history file.
- G. Maintain computer file (disciplinary code).

The Enforcement Committee recommends to the Board that the proposed procedure for handling complaints be accepted as revised.

III. COMPLAINTS

- A. BTR vs. Jack Seitz - C23-79

MOTION - Dr. O'Bannon proposed the motion, seconded by Patricia Finley, that the Enforcement Committee recommend to the Board to keep the file open and send a letter of compliance to Mr. Seitz to refrain from becoming involved with his drafting business to the point that people may mistake his activities for that of an architect. The motion was passed.

- B. BTR vs. John Kimoto - C78-79

MOTION - Dr. O'Bannon made the motion, seconded by Patricia Finley, that the recommendations made by the staff as amended be accepted. The amendment will be as follows: It is recommended that Mr. Kimoto be advised by a letter of the situation as it exists with the complaint and further advise him to restrict his activities so as not to leave any doubt in the public's mind that he is practicing architecture. Further, it is suggested that the file be held in suspense until registration is complete, during which time any further complaints received may be dealt with more severely in that Mr. Kimoto is in the process of taking the State Board exams. Motion was carried.

- C. BTR vs. David L. Metz - C79-79

MOTION - A motion was made by Hector Durand, and seconded by Patricia Finley, that the Enforcement Committee adopt the staff recommendations in that Mr. Metz be served with a Notice of Violation strongly worded and quoting the law with the standard 15-day reply period, explaining his activities and his efforts to cease and desist doing architectural work. The motion was passed.

- D. BTR vs. Horkey & Associates, Inc. - C20-80

MOTION - The motion was made by Dr. O'Bannon, seconded by William Gookin, that this action be closed as recommended by staff. The motion was passed.

- E. BTR vs. Gene R. Fontes - C24-80

to
Dr. Charles O'Bannon and Mr. William Gookin withdrew from discussion of this case citing conflict of interest.

MOTION - The motion was made by Hector Durand, seconded by John Riggs, that Mr. Fontes be directed to discontinue certifying drawings, that his seal be returned to the Board, and that he be served with a Notice of Violation. The motion was passed.

F. BTR vs. Herbert Shipley -C26-80

MOTION - The motion was made by Hector Durand, seconded by Dr. Charles O'Bannon, that this case be referred to the Advisory Committee for further hearing and gather of evidence using the new procedure as a guideline. The motion was carried.

IV. NEW BUSINESS

A. BTR vs. Gary L. Christman - C77-80

MOTION - The motion was made by Patricia Finley that this case be referred back to the Advisory Committee to investigate the incorporation of Mr. Christman's business and his association with Mr. McLaughlin, a registered land surveyor. The motion was seconded by Dr. O'Bannon.

B. BTR vs. C.A. Berthot - C80-80

MOTION - The motion was made by Dr. O'Bannon, seconded by Hector Durand, that Mr. Berthot be served with a Notice of Violation advising him that his application may be in jeopardy should he continue to practice in this manner. The motion was passed.

C. BTR vs. Don Hurst - C81-80

MOTION - A motion was made by Hector Durand, seconded by Dr. O'Bannon, that the case be closed because the Board has no jurisdiction in this matter. The motion was passed.

D. BTR vs. Robert Russ - C83-80

MOTION - A motion was made by Dr. O'Bannon, seconded by Hector Durand, that Mr. Russ be sent a Notice of Violation and the file be closed. The motion passed.

E. BTR vs. Howard W. Phillips

MOTION - A motion was made by Dr. O'Bannon, seconded by Hector Durand, that a Notice of Violation be sent to Mr. Phillips and that the case be closed. The motion passed.

F. BTR vs. John T. Pela & Associates - C85-80

MOTION - A motion was made by Dr. O'Bannon, seconded by John Riggs, that a Notice of Violation be sent to Mr. Pela and that the case be closed. The motion carried.

G. BTR vs. Universal Engineering & Services, Inc. TEMP-RITE Engineering, Inc., Refrigeration Engineers - C89-80

MOTION - A motion was made by Dr. O'Bannon, seconded by William Gookin, that a letter be sent advising these firms of the law and admonishing them to do what is necessary to come under compliance of the statutes. The motion was passed.

H. BTR vs. Northland Engineering Co. - C90-80

MOTION - A motion was made by Dr. O'Bannon, seconded by Hector Durand, that a Notice of Violation be forwarded to Northland Engineering Company advising them of the law under Arizona Statutes and admonishing them to take action necessary to come under compliance with the law. The motion was carried.

V. ADJOURNMENT:

MOTION - The motion was made by Dr. O'Bannon, seconded by Patricia Finley, that the meeting be adjourned. The motion carried.

4/24/81/jv

By: [Signature]
Civil Engineering Department
University of Arizona
Tucson, AZ 85721

By: Wayne B. Finley, Chairman

Subject: Consulting Fee

This is to certify our acceptance of today's vote wherein I was verbally agreed you will receive a fee of \$20 per hour plus expenses, not to exceed \$100.00 as your fee for services as consultant to the Board in Civil Engineering Department.



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05133

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

June 3, 1981

MEMORANDUM

TO: Rudy Jimenez
Civil Engineering Department
University of Arizona
Tucson, AZ 85721

FROM: Wayne O. Earley, Chairman

SUBJECT: Consulting Fees

This is to confirm our conversation of today's date wherein it was mutually agreed you will receive a fee of \$50 per hour, plus expenses, not to exceed \$300.00 as your fee for acting as consultant to the Board in test development and grading.

WOE:pw



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05134

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

May 22, 1981

To: Public Works Officials

Cities, Counties, State Agencies, School
Boards and other Political Subdivisions

Gentlemen:

The Arizona Board of Technical Registration has completed an information file pursuant to ARS 32-141. Firm or Corporate Practice. This file allows us to provide public agencies with the names and qualifications of principals of firms and officers of corporations offering professional services licensed by this Board.

This information is available to assist you in determining the qualifications of such firms or corporations in letting contracts for public works in compliance with ARS 32-142, Paragraph A. This section of the code states, "Drawings, plans, specifications and estimates for public works of the state or a political subdivision thereof involving architecture, engineering, assaying, geology, landscape architecture or land surveying, shall be executed under the direct supervision of a qualified registrant within the category involved."

This information is available IN ADDITION to our roster of Active Registrants and Numerical Listing publications. These publications may be purchased from this office for \$4.50 and \$2.00 respectively. Please direct your information requests to the Enforcement Officer, Board of Technical Registration, 1645 West Jefferson, Phoenix, Arizona, 85007, telephone number: (602) 255-4053.

We sincerely hope that you will avail yourselves of this service and any other assistance we can provide regarding the above licensed professions and those concerns which you may have regarding the legal qualifications of firms or corporations to perform public works.

Sincerely,

Wayne O. Earley
CHAIRMAN, ARIZONA STATE BOARD
OF TECHNICAL REGISTRATION

Encl: Information Samples

WOE:tlp



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05135

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

Dear

Your request for a list of licensed firm principals and/or corporate officers in the _____ firm/corporation, has been processed. We have determined that (1) or (2) situations exists with the referenced firms/corporations:

1. We have no record of the firm/corporation officers in our files showing registrants as corporate officers or principals. You may wish to request that the referenced corporation provide you with a list of their Arizona registrants.
2. There is no record of the referenced firm/corporation having any Arizona registrants in their employ. This firm could possibly be in violation of ARS 32-145, Paragraph 1, in that they are practicing or offering to practice without corporate officers or principals having registered as provided by law.

Should you require additional information, or if we can be of assistance, please advise.

Sincerely,

Wayne O. Earley
CHAIRMAN, ARIZONA STATE BOARD
OF TECHNICAL REGISTRATION

WOE:tlp



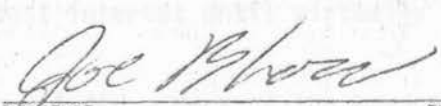
State of Arizona BOARD OF TECHNICAL REGISTRATION

05136

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

Dear

Your request for a list of licensed principals and/or corporate officers in the _____ firm/corporation, has been processed with the following information available:

XYZ CORPORATION			Any City,	Arizona	85000
FIRM NAME			CITY	STATE	ZIP
May 22, 1981	(602) 123-4567		123 Goodtime Boulevard		
DATE	TELEPHONE NO.		STREET ADDRESS		
FIRM PRINCIPALS/CORPORATE OFFICERS			DESCRIPTION OF SERVICES		
Joseph W. Blow	Arch.	00X00	OFFERED TO THE PUBLIC		
NAME	DISCIPLINE	REG NO.			
Sam G. Boss	M.E.	00Y00	Architectural Design, Structural		
NAME	DISCIPLINE	REG NO.	and Land Surveying, Mechanical		
George P. Flunkey	L.S.	00Z00	Engineering.		
NAME	DISCIPLINE	REG NO.			
NAME	DISCIPLINE	REG NO.			
NAME	DISCIPLINE	REG NO.			
NAME	DISCIPLINE	REG NO.			
					TITLE
I CERTIFY THE ABOVE INFORMATION IS TRUE AND CORRECT AS OF FILING DATE -			SIGNATURE		

Thank you for your inquiry and if we can be of further assistance in this matter, please advise.

Sincerely,

Wayne O. Earley
CHAIRMAN, ARIZONA STATE BOARD
OF TECHNICAL REGISTRATION

WOE:tlp

MARK EDSON A.I.A.
ARCHITECT

Copy for
James
Howard
5137

RECEIVED
MAY 20 1981
P.O. Box 646
Phoenix, AZ 85001
May 22, 1981

The Board of Technical Registration
1645 West Jefferson, Suite 315 STATE BOARD OF ARCHITECTURE
Phoenix, AZ 85007

Members of the Board:

The older Board members are aware that when I assumed the office of Executive Director of the Board on Oct. 1, 1979, I gave up my practice of Architecture - to devote my full effort to resolution of the sunset review of the agency and you are aware that we came out with a stronger law and an improved staff and budget position through the dedication I poured into the process.

Since then, I have been successful in upgrading the performance of the office, improving staff productivity through modernization of forms, procedures, and through introduction of automated process, and in initiating a totally new enforcement operation which is now on the threshold of an extremely effective year of enforcement activity. My work was responsible for a positive image of service beginning to emanate from the agency to its constituents, building safety offices in Cities and Towns across Arizona, and the public. While my time and talent was devoted to the whole gamut of the operations of the office, time and money restraints made necessary prioritizing of achievable goals in carrying out the current work of the agency, while at the same time doing the research, planning and programming necessary to develop future improvements for implementation at such time as confidence by executive and legislative authorities was sufficiently restored to permit approval of funding for a more adequate level of operation. I believe all of you know that the job was demanding, and that I filled the shoes adequately, even with consideration of the extended illness I suffered, and that I served you all, impartially, as members of the Board. I worked in your best interest until virtually the last day I had.

I know my successor will benefit from the work I did. Much of the hard part in improvement is done and by my own reckoning, about another year remains in establishing a 1980 model that operates effectively and is responsive to the needs of applicants and the public. I only regret that there was not enough time with the money and people we had to work with to get the job done sooner, but I can assure you that all of your staff did their utmost.

In the suddenness of your action on May 8th, it was disappointing to me that in view of my accomplishments and all the work I did on your behalf, all I got was the attached letter. I feel that I have earned terminal leave, and I ask you formally to consider granting me 3 months of salary as terminal leave to allow me to re-establish myself in a professional pursuit - on the agenda of your June meeting. I have enjoyed the opportunity I had to serve you, and I thank you for the support you gave me, even though somewhat lacking at the end.

Sincerely,



cc: Members of the Board

State Board of Technical Registration

05138

FOR

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

1645 W. JEFFERSON

PHOENIX, ARIZONA 85007

271-4053

May 8, 1981

HAND DELIVERED

Mr. F. Mark Edson
1645 West Jefferson
Phoenix, Arizona 85007

Re: Notice of Dismissal

Dear Mr. Edson:

This letter is official notice of your dismissal from employment with the Arizona Board of Technical Registration, effective May 8, 1981 at 5 o'clock p.m.

As an exempt employee, you have no right to appeal this Board action to the Arizona State Personnel Board.

Please return all state property immediately so that we can proceed to issue your final paycheck. Please remove your personal property from the premises of the Licensing Building prior to 5:00 p.m., May 8, 1981.

Sincerely,

ARIZONA STATE BOARD OF
TECHNICAL REGISTRATION


Wayne O. Earley,
Chairman

cc: Personnel file: F. Mark Edson
Mr. Richard Rabago, Assistant
Director of Personnel
Mr. Thomas M. Rogers,
Assistant Attorney General

SUMMARY OF EXPENDITURES

May 31 1981

Agency BOARD OF TECHNICAL REGISTRATION

Expenditure Classification	1980-81 BUDGET	Current Expenditures			Plus Encumbered Amounts	Total For Year	Unavailable Funds	Available Funds
		TOTAL Prev. Mo.	This Mo.	TOTAL To Date				
FTE POSITIONS	5.5	5.5	5.5		5.5			
PERSONAL SERVICES	104,200	69,118	7,837	76,955	8,166	85,121	19,079	
EMPLOYEE RELATED EXPENDITURES.	15,804	11,274	1,310	12,584	2,025	14,609	1,195	
PROFESSIONAL AND OUTSIDE SERV.	49,000	28,812	6,534	35,355	*23,215	58,570	(9,570)	
TRAVEL - STATE	8,200	4,670	159	4,829	300	5,129	3,017	
TRAVEL - OUT OF STATE	5,000	3,315	-	3,315	3,048	6,363	(1,363)	
OTHER OPERATING EXPENDITURES.	56,596	38,762	4,454	43,216	3,880	47,096	**9,500	
EQUIPMENT.	6,000	4,403	-	4,403	2,776	7,179	(1,179)	
TOTAL	244,800	160,354	20,294	180,648	43,410	224,067	***20,733	

*This figure does not include appropriated expenditures for following:

- Bonnie Bartak - \$5,000.00
- David Ryan - 800.00
- David Rivers - 3,000.00
- Dr. Jimenez - 300.00
- Joyce Smith - 400.00
- Data Center (overrun) 3,235.00

***20,733.00 - Bal in fiscal 1980-81
 12,735.00 - Appropriated add'l amt.
\$ 7,998.00 - Unappropriated Balance

\$ 12,735.00
 58,570.00 Expended to date -Professional Services
 \$ 71,305.00 Appropriated and anticipated expenditures for 1980-81 yr.
 (Professional Services)
 49,000.00 Budgeted amt. for fiscal 1980-81 - Professional Services
 \$(22,305.00) Total over-budget amount for Professional Services

**See "Other Operating" page - Bal in expenditures of \$100 + \$9,400 supplemental appropriated funds

05139

SUMMARY OF POSITIONS, PERSONAL SERVICES AND EMPLOYEE RELATED EXPENDITURES

May 31, 1981

Agency BOARD OF TECHNICAL REGISTRATION

Expenditure Classification	1980-81 BUDGET	Current Expenditures			Plus Encumbered Amounts	Total For Year	Unavailable Funds	Available Funds
		TOTAL Prev. Mo.	This Mo.	TOTAL To Date				
Boards and Commission	-	3,930	480	4,410	*540	4,950	-	(4,950)
Regular Positions	103,700	59,271	6,687	65,958	**7,626	73,584	-	30,166
Overtime	500	619	-	619	-	619	-	(119)
Temporary Help	-	5,298	670	5,968	-	5,968	-	(5,968)
TOTAL	104,200	69,118	7,837	76,955	8,166	85,121	-	19,079
EMPLOYEE RELATED EXPENDITURES								
MULTIPLIER .1731%	15,804	11,274	1,310	12,584	***2,025	14,609	-	1,195

*Based on 2 meetings for each Board member for June 2 x 9(30)

**Based on 3 pay periods left in fiscal year 2,542 x 3

***\$675 x 3 pay periods

05140

Agency BOARD OF TECHNICAL REGISTRATION

TRAVEL - STATE	1980-81 BUDGET	Current Expenditures			Plus Encumbered Amounts	Total For Year	Unavailable Funds	Available Funds
		TOTAL Prev. Mo.	This Mo.	TOTAL To Date				
Mileage & Vehicle Expense	5,000	1,438	59	1,497	200	1,697	-	3,303
Subsistence	2,100	1,690	100	1,790	100	1,890		210
Public Transportation	900	1,365	-	1,365	-	1,365		(465)
Other Travel Expenses	200	177	-	177	-	177		23
TOTAL TRAVEL-STATE.	8,200	4,670	159	4,829	300	5,129		3,071
TOTAL VEHICLE MILES:								
Privately Owned	27,000							
Motor Pool Vehicles								
TRAVEL - OUT OF STATE								
Mileage & Vehicle Expense	-	10	-	10	34	44		(44)
Subsistence	1,800	1,163	-	1,163	750	1,913		(113)
Public Transportation	2,200	1,847	-	1,847	*1,839	3,686		(1,486)
Other Travel Expenses	1,000	295	-	295	425	720		280
TOTAL TRAVEL-OUT OF STATE	5,000	3,315	-	3,315	3,048	6,363		(1,363)

*Mr. Nunn and Mr. Riggs to Hawaii; Dr. O'Bannon from Calif. for 6/5 Board meeting, plus \$488 to Gomez for NCEE meeting in Salt Lake, encumbered byt not expended

05142

OTHER OPERATING EXPENDITURES

Agency: BOARD OF TECHNICAL REGISTRATION

May 31, 1981

Expenditure Classification	1980-81 BUDGET	Current Expenditures			Encumbered Amounts	TOTAL For Year	Unavailable Funds	Available Funds
		TOTAL Prev. Mo.	This Mo.	TOTAL To Date				
Rent	8,100	8,458	-	8,458	-	8,458	-	(358)
Utilities								
All Other Occupancy	200	40	-	40	-	40		160
Maintenance & Repairs	500	661	457	1,118	285	1,403	-	(903)
Office & Library Supplies	6,200	3,752	361	4,113	250	4,363	-	1,837
Data Processing Supplies	300	42	-	42	50	92	-	208
Printing & Photographs	10,196	11,602	1,071	12,673	2,345	15,018	-	(4,822)
Postage & Mailing Costs	9,600	6,264	718	6,982	700	7,682	-	1,918
Telephone Service	3,000	2,073	235	2,308	250	2,558		442
All Other Comm & Ship. Expen.	400	496	26	522	-	522		(122)
Reprod. Equip. Lease/Purch.	1,100	1,059	97	1,156	-	1,156		(56)
All Other Equipment Rental	200	233	-	233	-	233		(33)
All Other Equip. Lease/Purch	-	456	456	913	-	912		(912)
Organizational Dues	3,800	2,035	1,033	3,068	-	3,068		732
Insurance	400	500	-	500	-	500		(100)
Education & Training	2,000	91	-	91		91		1,909
All Other Operating Expenses	1,200	1,000	-	1,000	-	1,000		200
TOTAL OTHER OPERATING	*47,196	38,762	4,454	43,216	3,880	47,096		100

*Additional \$9,400 for supplemental approp. - 47,196
9,400

100
9,400
approp. =
\$9,500

franchise?

JLBC Analyst: Spies

F. Mark Edson, Executive Director (Tel. 255-4053)

TECHNICAL REGISTRATION FUND	1979-80 Actual	1980-81 Estimate	1981-82 Approved
FTE Positions ^{1/}	4.0	5.5	6.0
Personal Services	63,945	104,200	
Employee Related Exp.	10,866	15,800	
Prof. & Outside Services	47,650	49,000	
Travel - State	4,294	8,200	
Travel - Out of State	3,578	5,000	
Other Operating Exp.	34,746	56,600	
Equipment	1,651	6,000	
Other	230	-0-	
TOTAL	166,960	244,800 ^{2/}	LUMP SUM 251,700

The lump sum appropriation of \$251,700 was based on the following objects of expenditure:

Personal Services	\$ 107,500
Employee Related Expenditures	19,300
Professional and Outside Services	61,500
Travel - State	9,600
Travel - Out of State	2,900
Other Operating Expenditures	50,700
Equipment	200
Total	\$ 251,700

The amount approved includes an additional \$7,700 for Personal Services and \$2,100 for Employee Related Expenditures to fund the eight percent salary adjustment and increased insurance benefits, plus any inequity adjustments approved by the Legislature.

Personal Services - The approved amount provides \$5,200 for an additional 0.5 full time equivalent Typist II position, and \$3,200 for per diem compensation for nine Board members.

(Continued)

- ^{1/} The number of full time equivalent positions does not include nine Board members who are paid on a per diem basis.
- ^{2/} Included in the amount shown is \$34,000 contained in H.B. 2023 (Chapter 35) as a supplemental appropriation for Board member per diem, temporary help, data processing costs and new forms for license renewal.

Professional and Outside Services - The amount approved provides funding for the following services:

Data Processing	\$ 6,900
Examinations	37,600
Court Reporting	2,000
Investigations	<u>15,000</u>
Total	\$ 61,500

Travel - State - The approved amount includes an increase of \$1,400 for fuel costs and inflation.

Travel - Out of State - The amount approved provides funding for one of the Board members to attend each of the out of state meetings.

Other Operating Expenditures - The approved amount was based upon the following expenditure items:

Rent (Department of Administration)	\$ 9,700
All Other Occupancy	200
Maintenance and Repairs	550
Office and Library Supplies	6,820
Data Processing Supplies	330
Printing and Photographs	8,400
Postage and Mailing	12,500
Telephone	3,180
All Other Communication and Shipping Expense	440
Reproduction Equipment Lease/Purchase	500
All Other Equipment Rental	200
All Other Equipment Lease/Purchase	2,100
Organizational Dues	4,180
Insurance (Risk Management)	400
All Other Operating Expense	<u>1,200</u>
Total	\$ 50,700

Equipment - The amount approved provides for the replacement of three secretarial chairs.



**SOCIETY OF
MANUFACTURING
ENGINEERS**



05146
ONE SME DRIVE
P.O. BOX 930
DEARBORN, MICHIGAN 48128
PHONE: 271-1500 AREA CODE 313

May 14, 1981

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

Dear Mr. Edson:

According to the National Council of Engineering Examiners Survey conducted in October of 1978, your state indicated that individuals applying for registration will be able to take examinations from the various disciplines to become registered (licensed).

In this survey, an indication was also made that examinations would be given in the area of manufacturing engineering. At the present time, the Society of Manufacturing Engineers is conducting an additional survey to determine if this is still current. We would like to keep our members informed of the opportunity of taking the examination in manufacturing engineering.

We would appreciate you completing the enclosed questionnaire, and returning it to us at your earliest convenience.

Sincerely,

William J. Yeates

William J. Yeates
Manager
Engineering Certification Department

WJY:lf
Enclosure

RECEIVED
MAY 19 1981
STATE BOARD OF TECHNICAL REGISTRATION



SURVEY OF STATE BOARDS FOR ENGINEERING REGISTRATION

Please complete and return in the enclosed postage-paid envelope.

- | Yes | No | |
|----------|----------|---|
| — | <u>X</u> | 1. Do you use only the Book I examinations?
(civil, chemical, mechanical and electrical) |
| <u>X</u> | — | 2. Do you use also Book II examinations?
(the remaining 11 disciplines offered by NCEE) |
| — | <u>X</u> | 3. Do you offer a combination of all 15 disciplines
for those people applying for registration? |
| — | <u>X</u> | 4. Would you be willing to allow an individual to
answer questions in the area of manufacturing
to become registered in your state? |
| — | <u>X</u> | 5. Would you offer registration in the discipline
of manufacturing engineering? |

RETURN TO:

William J. Yeates
SME
One SME Drive
P.O. Box 930
Dearborn, MI 48128

Signature

State

Tesoro Mining
5213 N. Oracle Rd.
Tucson, AZ 85704
May 12, 1981

RECEIVED

MAY 13 1981

STATE BOARD OF TECHNICAL REGISTRATION

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

Dear Mr. Edson:

Thank you for forwarding the letter from a recent applicant regarding the Assaying Examination. I welcome and would like to study any constructive comments regarding the Examination. If you feel any part should be modified, I shall be happy to conform to your directions. Otherwise, as mentioned in my letter to you dated January 22, 1981, I feel the exam at that time covered as many of the different components of practical assaying as was reasonable in the time allowed; but I do feel that the questions should be weighted with different point values commensurate with the relative difficulty. I believe I sent copies of the questions with suggested weight values entered in the left margin.

Upon learning that the candidate, after failing the first time, was re-examined using essentially the same exam, the following thought came to my mind. May I suggest that I prepare a second set of exam questions, Parts I and II, so that you can alternate the different sets? I had intended, with your permission, to redo the present set anyway.

I have in the past 6 months had the opportunity to talk to various assayers throughout Arizona and California about what background a present-day assayer really needs. I would like to add some questions on uranium ores, non-metallics, coal, and scrap metal analyses, particularly if we can make up two different sets of test questions. What do you think?

I am sure any prefatory statement you may decide upon will stress a willingness to assist those who aspire to be registered. In this vein, I am enclosing some lists of references pertaining to assaying and general ore analyses. These I have furnished at various times over the past years to people who contacted the Arizona Bureau of Mines for such information. Personally, I have been fortunate in being able to pick up some of these out-of-print books at second-hand bookstores in Tucson. Just place a call for the specific book and sometimes one shows up. In this manner, I have been able to add several excellent references to my personal library. The University's Science Library on campus here in Tucson has a fairly complete selection.

As you know, there is no assaying course taught at this time at the College of Mines. However, Professor Sigmund Smith, now retired, is continuing to teach an intensive short course which should enable an apt student to qualify. A copy of Professor Smith's brochure is attached to this letter.

I have the feeling though that some people think they can read one book in 6 or 10 hours and become a qualified assayer. You know and I know this is not quite true. I believe it's a broad field. You may wish to advise me on this concept.

Mr. F. Mark Edson
May 12, 1981
Page 2

U5149

Another comment I should like to make at this time is that examinations which are not legible do not have the logical steps to the solution written clearly and do not have the answers labelled and in the proper units and so designated are not worthy of a top grade. I believe you will see that on any exam questions that were not satisfactory I tried to point out exactly where and how the examinee erred.

In rebuttal to his comment #4, I believe the questions in Part I (open book) require detailed data such as atomic weights, metric conversion tables, and a general knowledge of where to find a variety of information. Do you feel this part of the test is "not realistic"? I don't.

As for comment #5, I believe the ore described is that in question, No. 11, is a fairly common host ore for silver, and that the logical flux can be calculated. The examinee's statement "that when a sample of ore is obtained and the composition is unknown, an experienced assayer will have to run a preliminary charge...to establish the RP or OP..." is a valid statement but, if the assayer knows the ore and simply pans some out on a vanner plaque as Dr. Tom Chapman taught us in 1935, the assayer can make a very close estimate of what his fluxes should be and about how much of each is needed.

In comment #6, the examinee meant 100 lbs. of ore 100% minus 3 inches (question #7) and, of course, what he needs to do is to diagram an ore process flowsheet showing the various stages of crushing, mixing, coning, and quartering or riffing and splitting and more crushing, grinding, mixing, rolling, etc. until he arrives at a valid representative sample for assay, with all rejects saved and labelled.

I shall be happy to discuss the assayers test with anyone you suggest but I have not done so in the past except as noted in paragraph 3 of this letter. If you wish for me to talk to someone, could it be done without their knowledge that I am the one who grades the tests? Certainly I would be willing to share my personal library with any serious candidate. I believe that Professor Smith is the more logical person for a prospective candidate to talk to. He can be reached at: 1435 S. 10th Street, Tucson, AZ, phone (602) 622-0813.

In closing may I say the letter you forwarded was very interesting, well written, and contained some good suggestions.

Thank you for your consideration.

Sincerely,

David D. Rabb
David D. Rabb
Metallurgist

/bo



State of Arizona
BOARD OF TECHNICAL REGISTRATION

5150

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

30 April 1981

David M. Raab
 Bureau of Geology
 & Mineral Technology
 University of Arizona
 Tucson, AZ 85721

Dear Professor Raab:

I am enclosing a letter I received regarding the Assaying Examination, for your information, I will bring this letter to the Board's attention at their June 5th meeting.

Your comments, if you care to make any, will be of assistance.

Sincerely,

F. Mark Edson
 Executive Director

FME:tlp

Reading

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

Dear Mr. Edson,

As requested by you during our telephone conversation on 13 Apr 81 at 8:20 a.m., please find below those comments expressed verbally in regard to the examination for assayer.

A prefatory statement is essential: The writer wishes to recognize the entire staff of the Arizona State Board of Technical Registration for their most professional demeanor and willingness to assist those who aspire to be registered in a technical discipline. The state of Arizona should be proud of your department.

The following comments are respectfully submitted and reflect the authors honest feelings. They are being submitted for review by you and your staff in order to determine if they have merit. If they can, in any way, improve your understanding of the problems encountered by an applicant to technical certification, then this effort will not have been in vain. The comments will be listed numerically for ease of evaluation:

COMMENT 1: Books relative to assaying per se are almost unavailable. The applicant has spent hours trying to obtain these books. Several trips to ASU Technical Library, by Dr. Nelson Hope acting on my behalf, have failed to produce one single reference book. (They were all checked out to professors and would not be available until after May 81). It is not known who many books were involved. Some periodicals on the spectographic methods were obtained. The main branch of the Phoenix Public Library had only one reference book entitled "Notes on Assaying" by Pierre Payster Rickets printed 1897. The librarian was kind enough to check this book out to me on a weekly basis. Both books, written by Bugbee, had disappeared. A book by Bugbee was obtained after driving 100 miles to pick it up (\$50.00 deposit was required) and 100 miles driven to return. The only other source of available information was obtained from the Arizona Department of Resources. The book was "Technical Methods of Ore Analysis" by Albert H. Low. This book was not to be removed from the office but could be used to extract information. One other book on fire assaying was obtained locally after a \$20.00 deposit (The title is unknown). Lastly, many calls have been placed around the country for reference books and applications made with finders of rare books. A copy of Bugbee was obtained from the Colorado School of Mines. The period covered by this paragraph started.

several months before your last assayers examination in November 1980. In summary, it is next to impossible to obtain the reference books required for Part 1 of the assayers test.

COMMENT 2: The writer received a score of 42% on Part 1 the first time the assayers test was taken. It is not known what score was achieved the second time. One thing is known with certainty, and that is, the test was as confusing the second time through as it was the first. (Absolutely no effective learning curve advantage).

COMMENT 3: The environmental conditions under which the test was given were totally inadequate compared to acceptable standards i.e., room temperature, furniture, rest room facilities (long distance, too much time away from test). You explained how you had no control over these conditions.

COMMENT 4: It is felt that some of the questions on the open book test (Part 1) had absolutely no possible way of being answered. Since there were no reference books that would illustrate how to arrive at the correct answer. When you require a test score of 70% to pass and you have 20 to 30% (estimated values) that cannot be answered because of a lack of reference material, then in essence you now require the applicant to achieve a score of near perfection in order to pass. An example, let us say that there are 20 points (weighted) that cannot be answered. This now requires the applicant to achieve a score of 70% out of a total of 80% possible. His passing score would now be 87.5% to pass the test. This is not realistic.

COMMENT 5: Some of the questions in Part 1 had to do with how to flux a sample with three (3) different ores in it. Again, no reference materials and again, all reference material available states "That when a sample of ore is obtained and the composition is unknown, even an experienced assayer will have to run a preliminary charge using three grams of the ore in order to establish the reducing (RP) or oxidizing (OP) power so that a proper flux may be calculated". It appears that a question designed to ascertain whether the applicant has the mechanics to determine a flux charge for any type sample would be far superior to working a theoretical problem.

COMMENT 6: The writer found Part 2 (closed book) to be well designed. It truly dealt with practical problems, to which a solution is achievable. That is, except for the question about a miner having 100 lbs of ore plus 100% minus 3 feet (this is how I remembered the question). How do you prepare it for testing? (In all my reading, these terms never appeared.) It is logical to assume that an open book would be easier than a closed book. You may be assured it is not so for the assayers test.

COMMENT 7: The writer has heard comments that the state of Arizona has the toughest professional examinations. They should be tough in order to assure the public (your employers) that they are dealing with professional people by virtue of their demonstrated ability (via testing). However, when the testing is of such a nature that precludes possible qualified people from serving the public needs, then the system becomes contrary to the best interest of the public and should be reviewed and revised to achieve the objective for which it was designed.

COMMENT 8: You stated that there were only 35 certified assayers in the state of Arizona, (Could some be of dual registration?) and that the writer is the first applicant to take the test in two (2) years. Is it possible that in the future, fewer qualified certified assayers will be available to serve the public? The mining industry is on the up-swing.

COMMENT 9: The writer will be delighted to discuss the assayers test with whomever you wish or will be more than happy to submit to an oral examination to a board composed of your choosing. The purpose being to demonstrate that the writer feels, beyond a shadow of doubt, that is is fully qualified to serve the needs of the public as a certified registered Arizona State Assayer.

In closing, I wish to say that whatever your actions are concerning this letter, I will accept them and be grateful.

Very sincerely,

[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page.]



State of Arizona BOARD OF TECHNICAL REGISTRATION

Copy # 5154
Dunbar
Hector Durand

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

21 May 1981

M E M O R A N D U M

TO: Wayne O. Earley
Chairman

FROM: Hector Durand
Tucson, Arizona

Hector Durand

SUBJECT: Items for Agenda

This is a request to have the following items on the agenda. Wayne you may use your own discretion on whether or not you care to discuss the following items, However, I do feel they need discussion by the Board.

OLD BUSINESS

- A. Operational Rules of Conduct for Advisory Committees which you had forwarded to the Board.
- B. Procedures on administrative duties of the Staff in the evaluation process. This is for the purpose of clarification only. The questions I had here have been answered to a degree. My further question in this area is, "Should they furnish definite guidelines to the Staff for evaluation particularly on the Land Surveyors Applications, which at times present difficulty."
- C. An inquiry on why the Executive Director did not stipulate on the technical process as incorporated in the minutes of May 8.

NEW BUSINESS

Discussion to implement my comments and those of Gary Sheets.

- A. Acceptable minimum standards,
- B. Guidelines to determine gross deviation from professional standards.
- C. Would the Board consider discussing adendum to the current application indicating a more specific experienced listing in land surveying and other disciplines, if so desired?

The latter being considered for future adoption into the Rules and By-Laws principally as a guide for prospective registrants and as a guide for enforcement committees.

WESTERN CONFERENCE

State Architectural Registration Boards

AGENDA

WCARB SESSIONS NCARB ANNUAL MEETING - MAUI, 1981

WEDNESDAY - JUNE 24, 1981 (MOKIHANA "B" - MAUI SURF HOTEL)

1. 1:30 p.m. Call to order by Chairman, Ron Tan
2. Determination of Quorum
3. Approval of Minutes as Circulated: (Elkhorn, Idaho - 3/81)
4. Treasurer's Report - E. Gundran
5. Director's Report - Burtch Beall, Western Director
6. Executive Committee Report - Ron Tan and Committee Members
7. Items tabled because of lack of time at the Elkhorn Meeting - 3/81:
 - a. Poll of States relative to Sunset Review process.
 - b. Poll of States which require an individual to have a 'personal interview' prior to registration.
 - c. Poll of States to determine which require all tests of their examinees.
8. Open for Discussion of Current Concerns before WCARB
- 4:00 p.m. Adjourn! (The period from 4:00 p.m. to 5:00 p.m. is being left open to allow states to meet with their delegates or with other state delegates in WCARB for preliminary discussion of the Resolutions before NCARB.)

FRIDAY - JUNE 26, 1981 (MOKIHANA "B" - MAUI SURF HOTEL)

9. 2:15 p.m. WCARB Delegates to Reconvene
10. Determination of Quorum
11. Discussion on Resolutions before NCARB and determination of the Western Conference position thereon.
12. New Business.
13. 5:00 p.m. Adjournment!



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

May 18, 1981

MEMORANDUM

TO: Members of State Boards, State Board Offices, Participating Organizations, and POLC Members

FROM: Executive Director Morton S. Fine, P. E., L. S. *Morton S. Fine*

SUBJECT: NCEE's 1981 Annual Meeting — August 9-12, 1981 (Sunday - Wednesday)

SITE: Williams Plaza Hotel, Tulsa, Oklahoma

CLIMATE: August — 73°F average daily low; 93°F average daily high

TRANSPORTATION: Airport to hotel — 15 minutes via taxi or limo @ approximately \$10 per person

DRESS: Optional for all activities

The 60th annual meeting of NCEE will afford all members of state boards an opportunity to participate in the affairs of the Council and to greet old friends and make new ones. Be sure to reserve these dates and make plans to attend this important Council meeting.

The schedule of events, agenda for business sessions, pre-registration and optional activities forms, and a hotel reservation card are enclosed. The Williams Plaza must receive your reservation request by July 25th. Be sure to indicate guaranteed payment if you are scheduled to arrive after 6 p.m. Room rates for this meeting are: \$56 single; \$72 double; \$15 extra person in room. Room rates are subject to 7% tax.

The Pre-Registration and Optional Activity forms should be filled out and mailed to the Seneca headquarters office by July 1st, together with your check covering appropriate fees. Your cooperation in completing and returning these forms in a timely manner will be appreciated.

Please note that a "Task Analysis Seminar" will be held on Sunday, 9 August 1981, from 9 a.m. until 1 p.m. Members are urged to attend this important session for an in depth report on the recently completed Task Analysis of Licensed Engineers.

In addition, the State Board Secretaries Committee will conduct a panel discussion on Sunday, 9 August, from 2 p.m. until 4 p.m. and an Orientation Session for new members of state boards will be conducted on Tuesday, 11 August, from 2 p.m. until 4 p.m. (See reprint from April 1981 Registration Bulletin article on enclosed green sheet). To assist the staff in arranging appropriate space for these programs, please indicate on your Pre-Registration form the number of special programs you expect to attend.

If you have any questions about the annual meeting, please contact me. I look forward to seeing you in Oklahoma.

MSF:csr

Enclosures

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

SPECIAL MEETING

JULY 31, 1981

A special meeting of the State Board of Technical Registration, held in Room 126, Occupational Licensing Building, 1645 W. Jefferson, Phoenix, Arizona, was called to order by Chairman Wayne O. Earley at 9:00 a.m.

PRESENT:	Wayne O. Earley, Chairman	ABSENT:	Patricia Finley, Member
	Charles E. O'Bannon, Vice-Chairman		John B. Riggs, Member
	Jimmie R. Nunn, Secretary		
	Silas C. Brown, Member		
	Hector C. Durand, Member		
	William S. Gookin, Member		
	Stewart R. Palmer, Member		

Gary L. Sheets, Asst. Attorney General
 David Rivers, Law Clerk
 Judi E. Ross, Executive Director
 Joyce Smith, Licensing Officer
 Bruce Rosenhan, Enforcement Officer

Those present constituted a quorum.

Chairman Earley opened the meeting and welcomed to the Board Stewart R. Palmer, Mechanical Engineer from Tucson, Arizona, and also, welcomed Judi E. Ross, the new Executive Director. Chairman Earley announced that John B. Riggs, Architect from Tucson was reappointed by the Governor and thanked the Governor for a full contingency of Board members. In the past we have been handicapped by as few as five members on this nine-member Board, and since the law requires that there be seven members present to take enforcement action, it had been difficult to accomplish this when we did not have a quorum of existing members.

1. COMMITTEE MEETING REPORT ON APRIL, 1981, EXAMINATIONS

Dr. O'Bannon presented the Committee Meeting Report on the April, 1981, examinations, and the following members were present to review the results of the examinations prepared by the National Council of Engineering Examiners and local graders on July 24, 1981, in the Board office:

Charles E. O'Bannon	Hector Durand	Silas Brown
Stewart R. Palmer	Rod Gomez	

a. Engineering Examinations

It was moved by Dr. O'Bannon and seconded by Mr. Brown that the examination grades as shown on Minute Pages 5166-5167 be so certified. Motion carried.

July 31, 1981
Page 2

b. Assaying and Geology Examinations

It was moved by Mr. Brown and seconded by Dr. O'Bannon that the examination grades as shown on Minute Pages 5168 be so certified. Motion carried.

c. Land Surveying Examinations

It was moved by by Mr. Durand and seconded by Mr. Brown that the examination grades as shown on Minute Pages 5168 & 7 be so certified. Motion carried.

d. Granted Registrations

It was moved by Dr. O'Bannon and seconded by Mr. Durand that the applicants as shown on Minute Pages 5173 & 74 have completed all requirements for registration and that registration be granted. Motion carried.

It was moved by Dr. O'Bannon and seconded by Mr. Nunn that the Board establish a policy that the National Council of Engineering Examiners' cut-off scores be accepted as a minimum passing score, based on a score of 100 as a minimum passing grade of 70. Motion carried.

Chairman Earley announced to those present that the Board would take a ten minute recess and reconvene in Executive Session for advice of counsel and discussion of several items in order to establish procedures for subsequent Board actions. He hoped they would return for the open session.

Chairman Earley reconvened the open session at 11:00 a.m. for report on enforcement activities.

2. REPORT OF ENFORCEMENT ACTIVITIES

a. BTR vs. Calvin Vanness - C43-80

It was moved by Dr. O'Bannon and seconded by Mr. Nunn that the case be closed for lack of evidence. Motion carried.

b. BTR vs. Al Stevens - C27-80

It was moved by Dr. O'Bannon and seconded by Mr. Gookin a letter of censure be sent for a period of one year and a fine of \$1,000. Motion carried.

c. BTR vs. Brian Spencer - C32-80

It was moved by Mr. Gookin and seconded by Dr. O'Bannon a letter to his file be made of the complaint. Motion carried.

d. BTR vs. Dwayne Lewis - C17-79

It was moved by Mr. O'Bannon and seconded by Mr. Palmer that the case be closed. Motion carried.

- e. BTR vs. Robert Roland Johnson - C75-80

It was moved by Mr. Palmer and seconded by Mr. Brown that the case be closed. Motion carried.

- f. BTR vs. Earl Slyder - C72-80

It was moved by Dr. O'Bannon and seconded by Mr. Durand that a consent order be negotiated. Motion carried.

- g. BTR vs. David Stratton - C101-79 and C39-80

It was moved by Dr. O'Bannon and seconded by Mr. Durand that a consent order be negotiated. Motion carried.

- h. BTR vs. Lynn Hansen - C96-80

It was moved by Dr. O'Bannon and seconded by Mr. Nunn that the case be closed. Motion carried.

- i. BTR vs. Able Earth - C82-79

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that a Notice of Violation be sent. Motion carried.

- j. BTR vs. Jack Miller C70-80

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that a Notice of Violation be sent.

- k. BTR vs. A. Wayne Smith C71-80

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that the case be closed. Motion carried.

- l. BTR vs. David Niese - C29-80

It was moved by Mr. Durand and seconded by Dr. O'Bannon that a consent order be negotiated. Motion carried.

- m. BTR vs. Domenic Capco - C37-80

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that a consent order be negotiated. Motion carried.

- n. BTR vs. Robison & Widmire Architects, Inc. - C106-80

It was moved by Mr. Gookin and seconded by Dr. O'Bannon that a consent order be negotiated. Motion carried.

- o. BTR vs. Robert McNutt - C105-80

It was moved by Dr. O'Bannon and seconded by Mr. Gookin that a consent order be negotiated with licensee and a Notice of Violation be sent to non-license. Motion carried.

p. BTR vs. David Mitchell - C76-80

It was moved by Mr. Gookin and seconded by Dr. O'Bannon that the case be referred back to the Advisory Committee for further action. Motion carried.

q. BTR vs. Liberty-Loneli & Associates - C30-80

It was moved by Dr. O'Bannon and seconded by Mr. Brown that the case be dismissed. Motion carried.

r. BTR vs. Peter Lendrum - C48-80

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that the case be dismissed. Motion carried.

s. BTR vs. William Ramsey - C100-80

It was moved by Mr. Palmer and seconded by Dr. O'Bannon that a consent order be negotiated. Motion carried.

t. BTR vs. Herbert Shipley - C26-80

It was moved by Mr. Durand and seconded by Mr. Palmer that the case be dismissed. Motion carried.

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that the following cases having been resolved by staff action and Board action has been completed be closed. Motion carried.

C34-79	BTR vs. Service Engineers	C69-79	BTR vs. Gary Warner
C43-79	BTR vs. Myron Anderson	C70-79	BTR vs. William Weikart
C45-79	BTR vs. Arizona Arch. & Planners	C71-79	BTR vs. Weller Dsn & Co.
C46-79	BTR vs. Bank Design Consultant	C72-79	BTR vs. Robert Wood
C47-79	BTR vs. Bennett Drafting	C73-79	BTR vs. Jim Woodward
C48-79	BTR vs. Bold Innovations	C74-79	BTR vs. G. Young
C49-79	BTR vs. Boyd's Drafting	C80-79	BTR vs. Ariz Lumber Pro
C50-79	BTR vs. Daniel Brodsky	C88-79	BTR vs. Fred Paladox
C51-79	BTR vs. E. Chaves Design and Drafting	C91-79	BTR vs. E.L. Jones Construction Co.
C52-79	BTR vs. Frank Clements & Associates	C97-79	BTR vs. Amwest
C53-79	BTR vs. Quevas Design Consultants	C103-79	BTR vs. Andy Toth
C55-79	BTR vs. Del Cox	C111-79	BTR vs. Robert Field
C56-79	BTR vs. Design Southwest LTD.	C112-79	BTR vs. Ryan's Design
C57-79	BTR vs. D'Signery, Inc.	C02-80	BTR vs. Corinthian Corp.
C58-79	BTR vs. Environmental Graphics	C03-80	BTR vs. Alma Bldg. Cont.
C59-79	BTR vs. Environs West	C06-80	BTR vs. Metz, Train & Youngren
C61-79	BTR vs. Magination	C33-80	BTR vs. Lawrence Hickey & Son
C62-79	BTR vs. Lewis Design & Drafting	C35-80	BTR vs. Vern Gill
C63-79	BTR vs. Jack D. Martin, Builder & Designer	C58-80	BTR vs. A.C. Bob Warren
C64-79	BTR vs. Carl Muse & Associates	C87-79	BTR vs. Castle Sec Corp
C65-79	BTR vs. Pela Design & Drafting	C93-80	BTR vs. Soc of Mfg Engr
C66-79	BTR vs. Residential Dynamics	C05-80	BTR vs. RGA Consulting Engineers
C67-79	BTR vs. Schrieber & McGrew		
C68-79	BTR vs. Edwin T. Smigel		

3. UNFINISHED BUSINESS

Chairman Earley requested a report from Gary Sheets, Assistant Attorney General, and Dave Rivers, Law Clerk on the proposed New Rules.

Mr. Sheets presented a copy of the proposed New Rules in draft form to the Board members which consisted of 51 rules and 75 pages. He stated it was broken down into four areas.

- (1) Provisions which have to do with how the Board is organized, what the fees are, and what are its enforcement and hearing procedures.
- (2) This concerns registration procedures as to how the Board deals with what experience or education the applicant needs, what the examination requirements are and other requirements.
- (3) This covers two general areas:
 - (a) general standards of conduct; and
 - (b) specific standards of conduct for the various professions.
- (4) This concerns the use of seals which has not been changed from previous rules.

Mr. Sheets urged the Board members to read these over and either write a letter to Dave Rivers or call him with their comments as to what they think needs to be added, deleted or modified.

Mr. Sheets further advised the Board that when developing these Rules and comparing these Rules with the Statutes you find out the existing procedures violate some law. They ran across a couple of examples of longstanding practices that, in view of their office, are clearly not permissible under the Statutes. One was that there is no legal authority for examining land surveyors. In the law, it provides for examining architects, engineers, geologists and landscape architects, but it does not provide for examining assayers or land surveyors. It also tends to solve another problem which has to do with the land surveyors saying that it was denial of equal protection for them to be examined when engineers are not examined. You do not have to examine either one of these classifications because the way the law is written presently.

Chairman Earley thanked Mr. Sheets and Mr. Rivers for their tremendous job thus far and requested the Board to do their best to have the input to Dave Rivers as soon as possible.

4. NEW BUSINESS

Chairman Earley recommended to the Board that Dave Rivers' contract be modified because of the outstanding job he had done on the Rules. It was moved by Mr. Durand and seconded by Dr. O'Bannon that Mr. Rivers pay be increased to \$6.75 on his contract. Motion carried. The Chairman stated this would be retroactive to July 1, 1981.

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Chairman Earley requested approval for extension of the contracts for Bonnie Bartak, our technical writer and research person, and for Joyce Smith, who was our acting Executive Director and is now serving as Licensing Officer. It was moved by Dr. O'Bannon and seconded by Mr. Gookin that the contracts for Bonnie Bartak and Joyce Smith be extended. Motion carried.

5. REPORT OF THE CHAIRMAN

- A. Chairman Earley explained that on the present Code examination, question number 20, the answers b and c are both correct, and presented the following question prepared for approval:

20. A firm or corporation may engage in the practice of architecture, assaying, geology, engineering, landscape architecture or land surveying:

- a. as long as the work is under the full authority of a vice-president of the firm or corporation.
- b. because firms and corporations are exempted from registration requirements.
- c. as long as an employee of the firm is registered in one of the disciplines registered by the Board.
- d. as long as the work is under the full authority and responsible charge of a registrant who is a principal or officer of the corporation.

It was moved by Dr. O'Bannon and seconded by Mr. Nunn that the above question replace the present question number 20. Motion carried.

- B. Chairman Earley requested drafting policies and procedures of Board actions in response to possible or apparent design failures of public works structures (bridges, buildings, etc.). It was the consensus of the Board that where there is structural damage that involves a public building, it would be a high priority investigation. If the investigation warrants the Board's action of issuing a subpoena in the matter, the Board has the authority to issue such a subpoena. Also, whatever policies are developed should be set down to avoid future Board actions.
- C. Chairman Earley requested discussion of the composition and duties of the Advisory Committees and had asked Mr. Rosenhan to prepare these procedures for consideration. This would include how many members, who appoints them and how long their terms. At the present we need to reappoint those serving, as the Board had agreed their terms would run concurrent with the Board members which is on a fiscal-year basis and consider insurance with risk management together with reimbursement.

It was moved by Mr. Durand and seconded by Mr. Gookin that a letter of gratitude be sent to the present members of the Advisory Committee for their dilligent work. Motion carried.

It was moved by Mr. Durand and seconded by Mr. Gookin that all existing members of the Advisory Committee be renewed for one more year. Motion carried.

It was moved by Mr. Durand and seconded by Mr. Gookin that the lay member of the Board be responsible to appoint or to recommend for appointment lay members of the Advisory Committees. Motion carried.

- D. Chairman Earley presented the Accountancy Board's Quality Review Findings which Jerry Silva who had conducted the Audit Review of this agency two years ago had explained what the performance audit meant by peer review. Mr. Sheets explained that the Board needed a set of guidelines to implement the peer review. Chairman Earley suggested that the professional societies may help to develop a set of guidelines which are based on generally-accepted principles of practice. However, until the Board has licensing and enforcement under control there will be no quality review.
- E. Chairman Earley reported that the following staff had resigned:
- 1) Patricia Wood, Administrative Secretary, effective July 10, 1981.
 - 2) Teri Taylor, Examiner Tech I, effective July 24, 1981
 - 3) Traci Pete, Secretary, effective July 24, 1981.
- F. Chairman Earley presented letters and memorandum regarding Request to Reorganize Staff to Richard Rabago, Director, Personnel Division as shown on Minute Pages 5178 - 5187. We have had JLBC financial analyst in our office for the past three or four weeks and Personnel Division looking at our reorganization request. Marilyn Spies of the JLBC Committee had reported that the report of the analyst would be completed by September first.

Chairman Earley suggested that the Board break for lunch and reconvene at 2:30 to complete his report and other remaining items on the agenda.

Dr. O'Bannon stated that before they recessed that the Board take action to express their thanks and concern of the whole Board for the work that our Chairman has been doing for the last three months. It was moved by Dr. O'Bannon and seconded by Mr. Gookin the Board commend Mr. Earley for his time and efforts in having staff people who are on-going and trying to make this Board functional as well as efficient. Motion carried unanimously.

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The Board reconvened at 2:40 p.m. and the Chairman requested Mr. Rosenhan to report on the enforcement action as shown on Minute Page 5176 5177

6. REPORT OF THE PUBLIC INFORMATION COMMITTEE

Chairman Earley welcomed the public present to share their thoughts, opinions, and comments with the Board. He then introduced the new Board member, Mr. Palmer, and the new Executive Director, Judi Ross.

The first representative present, Mr. Bill Sawyer of the Arizona Society of Professional Engineers, was requested by the Chairman to speak to the Board. He expressed the valley engineers' pleasure in having Mr. Palmer on the Board and wished the new Executive Director success and support. He commented on the peer review by checking the plans at the various municipality building departments as to some standard which does not exist where no two plans would be exactly alike and do not lend itself to this kind of standardization. He felt in his own personal opinion the Board should wait until they receive complaints from these agencies. Mr. Sheets, Assistant Attorney General, commented to this that the peer review is not something that is negative to the practitioner and it has positive effects in that it will give him the information as to what he should be doing. Chairman Earley stated that peer review was an unfortunate misnomer and that it really means quality control. He expressed his thanks to Mr. Sawyer for being present and sharing his thoughts for discussion with the Board.

Jeff Andrews of the Arizona Society of Professional Land Surveyors spoke to the Board and congratulated Mr. Palmer and Miss Ross on their new positions with the Board. He offered their assistance to the new members, and he thought the enforcement was a welcome change for the State of Arizona. Chairman Earley thanked Mr. Andrews for his comments. The Chairman asked Mr. Andrews about a letter written to the Board regarding the Board examining land surveyors and not engineers. Mr. Sheets reported to the Board that in the process of developing rules the Attorney General's office ran across the fact that there is no statutory authority to examine land surveyors therefore neither land surveyors nor engineers will be examined. Rather the Board will be looking at their education and their experience and if they have the education and experience, the applicant will be entitled to a license. But as of right now, based on the law, there is no legal requirement for examination of land surveyors or assayers.

Chairman Earley introduced Mr. R. J. Fish who is the Chairman of the Standards Committee for Arizona Professional Land Surveyors. He presented Elements to be Considered in the Formulation of Survey Standards as shown on Minute Page 5188. Chairman Earley responded they might be used as guidelines in preparing the new Rules.

Chairman Earley welcomed Ron Mlnarik with the Arizona Chapter of American Society of Landscape Architects. He stated their society was meeting with the Arizona Landscape Contractors Association to arrive at a basis for an exemption to the Law. Also, their society supported a unified effort in the matter of the Sunset.

Mr. Jim Furlow introduced himself as representative of the American Institute of Professional Geologists and as Chairman of the Advisory Committee to the Board on geology. He stated that their committee had made recommendations to the Board to improve overall registration process for geologists and they appreciated the consideration the Board had given them in recent months.

7. NEW BUSINESS

Chairman Earley presented to the Board a Status Report of Activities and Objectives as shown on Minute Pages 5189-5193.

Chairman Earley also presented a Schedule of Meetings for August, September and October as shown on Minute Page 5194.

Before the Chairman entertained a motion for adjournment he thanked the public for their attendance and invited them to a reception in the Board office which was being held in honor of the new Executive Director at the conclusion of the meeting.

ADJOURNMENT

It was moved by Dr. O'Bannon and seconded by Mr. Nunn that the meeting be adjourned at 4:15 p.m.

<u>AERONAUTICAL ENGINEERING</u>		<u>PT. I</u>	<u>PT. II</u>	<u>PT. III</u>	<u>PT. IV</u>	<u>PASSED</u>
80-329	Irwin, William G.C.	P	P	F	F	
<u>ASSAYING</u>						
* 80-579	Abound, George M.	P	P			1,2
<u>CHEMICAL ENGINEERING</u>						
76-260	Rosenstock, Hubert	Ex	Ex	F	P	
<u>CIVIL ENGINEERING</u>						
* 80-583	Allison, Robert C.	P	P	P	P	3,4
* 80-635	Allocco, David R.	P	P	P	P	3,4
80-214	Baldwin, Elvin R.	Ex	Ex	P	F	3,
70-58	Bertellia, Guido Joseph	P	F	P	P	
* 80-519	Best, Joel E.	P	P	P	P	4
* 80-806	Bortfeld, Robert J.	P	P	P	P	3,4
80-745	Bowers, William D.	F	F	P	P	3,4
* 79-198	Brozek, Christoph	P	P	P	P	4
80-649	Buss, Robert F.	P	P	P	F	3
* 76-208	Buxton, Lawrence A.	P	P	P	P	4
* 80-333	Byall, Robert G.	P	P	P	P	3,4
* 80-860	Carr, John W.	P	P	P	P	3,4
* 80-650	Carthew, Geoffrey A.	Ex	Ex	P	P	3,4
* 81-051	Cody, Debra Lynn	P	P	P	P	3,4
77-42	Coker, Raymond L.	Ex	Ex	F	F	
* 80-807	Compton, Glenn A.	P	P	P	P	3,4
80-371	Debney, Charles P., Jr.	P	P	F	F	
78-697	Danelowitz, Mark X.	F	F	F	F	
80-556	Dunbar, Mark L.	P	P	P	F	
* 79-210	Eberline, Rex L.	Ex	Ex	P	F	
80-278	Enright, Richard A.	P	P	F	P	3
77-118	Fleet, Fred Everett	P	F	P	P	
* 80-174	Foster, Thomas D.	Ex	Ex	Ex	P	4
75-354	Funderburk, Harvey A.	F	P	P	P	
80-84	Gentry, Ronald C.	P	DNA	P	F	
80-834	Haas, Robert J.	Ex	Ex	F	F	
80-484	Hopps, Sigmond T.	F	F	P	P	3,4
79-483	Hutson, Ronald C.	F	F	P	P	
79-819	Inman, Gregg A.	F	F	P	P	
78-557	Inti, Ramakrishna	P	P	F	P	
* 80-500	Johnson, David F.	P	P	P	P	1,2,3,4
69-270	Kirdar, Edib	Ex	Ex	F	P	
* 80-714	Lane, Thomas S.	P	P	P	P	3,4
* 80-485	Mate, John R.	P	P	P	P	3,4
* 80-771	Munden, John C.	P	P	P	P	3,4
75-421	Nixon, Charles Gilbert	P	F	P	P	
79-724	Novak, Zdenek	Ex	Ex	F	F	
80-030	Pekala, Michael Paul	P	F	P	P	
80-418	Phelan, Thomas J.	F	F	F	P	
80-522	Pidskalny, Robert A.	P	P	F	P	4
79-453	Quay, J.H.	Ex	Ex	F	DNA	
* 79-292	Read, Arthur E.	Ex	Ex	P	F	
* 80-260	Roberts, Steven G.	P	P	P	P	3
79-726	Russell, James E., Jr.	P	P	F	P	3,4
* 80-423	Russell, Jerry S.	P	P	P	F	
* 76-566	Savicky, John L.	P	P	P	P	3,4
						4

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CIVIL ENGINEERING - Cont'd.

	PT. I	PT. II	PT. III	PT. IV	PASSED
80-849 Shirvani, Kenareki, Grish	Ex	Ex	P	F	3
79-423 Silva, Santiago J.	Ex	Ex	P	F	
* 80-361 Small, George N.	P	P	P	P	3,4
* 80-226 Spinar, Ronald G.	P	P	P	P	3,4
79-328 Stansel, John W.	F	F	DNA	DNA	
* 80-316 Stirnitzke, Robert	P	P	P	P	3,4
80-373 Teran, Antonio	Ex	Ex	F	P	
* 80-338 Tsang, Antony C.	P	P	P	P	3
* 80-86 Tysiac, Lawrence L.	P	P	P	P	3,4
79-518 Vallelonga, Robert E.	P	P	P	F	
* 80-362 Vyas, Manoj N.	P	P	P	P	3,4
80-89 Ware, William F.	Ex	Ex	P	F	
79-692 Webb, Larry D.	P	P	F	P	
76-320 Wilkie, Paul A.	F	P	P	P	
* 80-634 Williams, Timothy L.	P	P	P	P	3,4
79-691 Willis, Thomas D.	F	F	F	F	
* 80-596 Willson, James	Ex	Ex	P	P	4
78-345 Wright, William A.	F	F	F	F	
76-407 Yeager, Larry R.	Ex	Ex	P	F	
78-560 Zicafoose, Robert D.	F	F	P	P	3

ELECTRICAL ENGINEERING

* 80-136 Arechavaleta, Joe R.	P	P	P	P	4
* 79-400 Bagby, Barnabas P.	P	P	P	P	3
80-494 Beatty, Harvey B.	Ex	Ex	F	P	
78-664 Bloomfield, A. Kent	F	F	F	F	
75-185 Campbell, William	P	F	P	P	
* 80-601 Coleman, Alvin T.	P	P	P	P	3,4
80-752 Cook, Harley E.	Ex	Ex	F	F	
78-320 Cooper, Marvin G.	F	F	F	F	
81-06 DeSchepper, Rick D.	P	P	F	P	4
80-593 Dykstra, Robert G.	F	F	F	F	
79-727 Echols, Jack D.	F	F	Ext.	Ext.	
79-227 Emerson, Asher D.	P	P	F	F	
* 80-769 Fries, Robin J.	P	P	P	P	3,4
* 80-526 Gartner, Arthur E., Jr.	P	P	P	P	3,4
74-669 Haines, Robert T.	F	P	P	P	
79-677 Handzel, James	F	F	P	P	3,4
76-578 Hawkins, Dan J.	Ex	Ex	P	F	
80-570 Jones, Francis R.	Ex	Ex	F	F	
79-85 Kenyon, Scott A.	P	P	F	P	
81-21 King, Linda A.	Ex	Ex	F	F	
79-381 Lawrence, William, Jr.	Ex	Ex	P	F	
72-487 Loar, James Alpha	P	P	P	F	
80-861 Mock, Frederick A.	F	F	F	F	
* 79-382 Murphy, David E.	P	P	P	P	3,4
* 78-724 Pearson, Jaryl M.	P	P	P	P	4
80-630 Potter, W. Stuart	Ex	Ex	F	F	
80-751 Rast, Richard H.	P	P	F	F	
80-16 Ross, Everett C.	F	F	F	P	4
80-69 Shecton, Michael, Jr.	DNA	DNA	F	F	
80-699 Wortham, Jimmi J.	F	F	F	F	
* 80-513 Wright, Ronald S.	P	P	P	P	3,4

GEOLOGICAL ENGINEERING

		<u>PT. I</u>	<u>PT. II</u>	<u>PT. III</u>	<u>PT. IV</u>	<u>PASSED</u>
70-226	Youell, James R.	P	F	P	P	

GEOLOGIST

* 80-720	Gordon, Arthur J.	P	P	P	P	1,2,3,4
* 80-609	Means, Victor A. Jr.	Ex	Ex	P	P	3,4
80-799	Pedone, Paul F.	P	P	P	F	1,2,3
* 80-655	Pryor, Michael	P	P	P	P	1,2,3,4

HIGHWAY ENGINEERING

74-166	Blizzard, Max S.	F	F	P	P	3
74-271	Bloom, Norman K.	P	F	F	P	
73-44	Key, Orin W.	P	F	P	P	
74-173	Lay, George J.	P	F	P	P	
70-413	Patty, John H.	F	P	P	P	
73-290	Snyder, Jack D. Sr.	F	P	P	P	

INDUSTRIAL ENGINEERING

78-18	Kenna, Le Roy A.	Ex	Ex	P	F	
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LAND SURVEYING

79-668	Acosta, Alex	F	F	F	F	
80-517	Barnard, Michael A.	P	P	F	F	
80-441	Barrie, Donald M.	Ex	Ex	Ex	F	
80-631	Bautista, Melvin F.	Ex	Ex	Ex	P	
80-625	Bickman, Richard T.	Ex	Ex	Ex	F	
80-575	Bunger, Evert D.	P	P	F	F	1,2
80-346	Chavez, Gilbert	Ex	Ex	Ex	F	
79-391	Christman, Gary L.	F	F	P	P	
* 80-701	Collins, Darryl T.	Ex	Ex	Ex	P	4
79-21	Collon, Patrick J.	P	P	P	F	3
80-377	Delbridge, Randy S.	F	F	F	F	
78-504	DePrisco, Louis P.	Ex	Ex	Ex	F	
80-721	Domler, Joseph A.	F	F	NA	NA	
80-813	Ewing, Ronald L.	Ex	Ex	Ex	F	
80-798	Fannin, Ronnie L.	P	P	P	F	1,2,3
79-664	Fincher, George M.	F	F	P	F	
80-245	Fletcher, Charles O.	Ex	Ex	Ex	F	
79-762	Fuller, Jerry D.	F	F	P	F	3
71-148	Garcia, Ernest G.	F	P	F	P	
80-78	Garrett, Raymon L.	Ex	Ex	P	F	3
77-598	Gingles, William J. Sr.	P	P	P	F	
80-565	Glidden, Roger D.	Ex	Ex	Ex	F	
80-318	Gomeau, George J.	F	F	NA	NA	
80-140	Groff, Jon A.	F	F	F	F	
80-229	Haywood, George M.	P	P	P	P	4
79-35	Hollenbach, Thomas B.	F	P	P	F	
76-47	Horacek, Jerry L.	P	P	P	F	
80-161	Hosman, Paul S.	F	F	F	F	
80-529	Hornor, David H.	Ex	Ex	Ex	F	
80-383	Houston, William D.	Ex	Ex	Ex	F	

LAND SURVEYING - Cont'd

		<u>PT. I</u>	<u>PT. II</u>	<u>PT. III</u>	<u>PT. IV</u>	<u>PASSED</u>
80-533	Knudson, Richard L.	P	P	P	P	4
80-347	Lux, Phillip G.	F	F	F	F	
80-141	Lynck, James L.	P	P	P	F	
79-675	Mason, Reuben	F	F	F	F	
80-594	Meddaugh, Daniel L.	P	P	P	F	1,2,3
80-92	Muncy, Charles W.	Ex	Ex	Ex	F	
80-541	Nebrich, John P.	Ex	Ex	Ex	F	
* 80-160	Neitz, Walter L.	Ex	Ex	Ex	P	4
79-663	Panchalk, John	F	P	F	F	
74-297	Payton, Donald W.	F	F	F	F	
71-281	Pidskalny, Robert A.	P	P	P	F	
80-491	Pool, William Gordon	F	F	F	F	
80-462	Reed, Jeffrey A.	P	P	P	F	
77-57	Robberson, Allen G.	P	P	P	F	
72-628	Smith, Romain H.	P	P	F	F	
77-644	Speth, Alan W.	P	P	P	F	
78-460	Stewart, Tommie G.	P	P	P	F	
80-320	Stone, Ross E.	Ex	Ex	Ex	F	
80-498	Taynton, Horace M.	Ex	Ex	P	F	3
80-162	Thomas, Robert R.	P	P	P	F	
69-77	Torres, Alfonso	P	F	P	F	
80-574	Williams, Stephen H.	F	F	F	F	
80-804	Wilson, John N.	Ex	Ex	Ex	F	

MECHANICAL ENGINEERING

80-528	Bledsoe, Lloyd D.	P	P	F	F	
80-671	Brosche, Mark E.	Ex	Ex	F	DNA	
80-251	Bundy, David J. Jr.	Ex	Ex	F	P	
77-655	Drummond, David T.	P	F	F	F	
79-459	Fatina, Joseph J.	Ex	Ex	F	F	
81-61	Foulks, Alan L.	Ex	Ex	P	F	3
80-558	Franzmeier, Robert W.	P	P	F	F	
* 80-97	Green, Lowell	P	P	P	P	1,2,3,4
78-130	Hannifin, Edmund N.	P	F	P	P	
* 80-524	Howeth, Michael L.	P	P	P	P	3,4
* 80-384	Kruse, Robert K.	P	P	P	P	3,4
* 78-16	Lamson, Edward W. Jr.	P	P	P	P	3
* 81-23	Lane, Glenn H.	P	P	P	P	3,4
70-432	Miller, Marion E.	F	F	P	P	
79-96	Rao, Kumbha S.	P	P	P	F	3
* 79-646	Richards, Malcolm E.	P	P	P	P	2
81-43	Rogers, Gary W.	P	P	F	P	4
* 81-31	Rowland, James W.	P	P	P	P	3,4
79-512	Sim, James M. Jr.	P	P	P	F	
80-449	Snow, Gene H.	F	F	F	F	
80-623	Warkowski, James N.	P	P	F	P	4
* 81-09	Wurz, Richard	P	P	P	P	3,4

METALLURGICAL ENGINEERING

79-133	Dugger, Robert E.	P	F	P	P	
* 80-586	Gale, Donald C.	P	P	P	P	3,4

MINING ENGINEERING

		<u>PT. I</u>	<u>PT. II</u>	<u>PT. III</u>	<u>PT. IV</u>	<u>PASSED</u>
* 79-798	Hardy, Kim L.	Ex	Ex	P	P	3
* 80-566	McIntosh, Scott L.	P	P	P	P	3,4
* 80-135	Roggenthan, Robert L.	P	P	P	P	3

SANITARY ENGINEERING

79-339	Crisafulli, Lawrence M.	F	F	P	F	3
* 81-39	Olbert, Bradford D.	P	P	P	P	3,4
77-573	Willis, Brayton P. Jr.	F	F	P	P	

STRUCTURAL ENGINEERING

		<u>PT. III</u>	<u>PT. IV</u>	<u>PART V</u>	<u>PART VI</u>	<u>PASSED</u>
80-337	Ayotte, Adrian J.	Ex	Ex	F	F	
78-319	Barre, Ib	P	P	P	F	
80-719	Campbell, John M.	Ex	Ex	F	F	
* 80-611	Christoph, Frank J.	P	P	P	P	5,6
80-728	DiLeo, Andrew G.	Ex	Ex	P	F	5
* 80-27	Dunn, W. Gary	P	P	P	P	5,6
* 80-464	Feeney, Jeffrey J.	Ex	Ex	P	P	6
81-27	Greene, William D.	Ex	Ex	F	F	
79-513	Herz, Robert T.	P	P	F	F	
* 80-795	Hoffman, Mark H.	Ex	Ex	P	P	5,6
80-345	Holmes, Donald M.	Ex	Ex	P	F	
13697	Jack, Donald S.	Ex	Ex	F	F	(for record only)
80-805	Knudsen, Carl J.	Ex	Ex	F	F	
80-443	Martin, Andrew F.	Ex	Ex	P	F	5
80-827	Piggott, Donald E.	Ex	Ex	F	F	
* 80-433	Ruddy, John L.	Ex	Ex	P	P	5,6
80-546	Singh, Hardip	P	P	P	F	5
* 80-613	Stanley, Hollie M. Jr.	Ex	Ex	P	P	5,6
* 78-8	Stevens, Alexander M.	P	P	P	P	6
80-614	Sundaram, N. Shanmugha	Ex	Ex	P	F	5
* 81-40	Stimson, Robert W.	P	P	P	P	3,4,5,6
* 79-323	Tomasso, Robert J.	P	P	P	P	6
* 80-561	Turley, Richard D.	P	P	P	P	6
* 80-531	Tychowski, Christopher	P	P	P	P	6
* 80-101	Tzeng, Charles C.	P	P	P	P	5,6

ENGINEER-IN-TRAINING

95177

80-163	Abdallah, Hanna E.	F	81-119	Gage, Arthur V.	P
81-48	Acuna, Jose H.	P	81-094	Geesing, Michael J.	P
81-154	Acuna, Raymond U.	P	80-157	Glass, Clinton M.	P
80-155	Addy, James J.	F	81-160	Gomez, Jose Paul	P
81-53	Alexander-Frutschi, Marc	P	81-110	Gray, Vicki L.	P
78-149	Andersen, Peter E.	F	81-130	Grenier, John E.	P
81-142	Anderson, Richard S.	P	79-13	Gutierrez, Adrian C.	F
80-245	Austin, Bryan S.	F	81-100	Hahn, Paula L.	P
81-38	Bachman, Dennis	P	80-14	Hampsten, Alva B.	F
81-97	Baker, Vernon E.	P	79-68	Harrington, Michael J.	F
81-115	Baker, Walter F.	F	81-95	Hazen, Christopher M.	P
81-79	Bard, Barry L.	F	81-141	Henry, Robert W.	P
81-65	Beehler, Michael E.	P	81-14	Hernandez, Lorenzo M.	F
81-123	Benoist, Jon M.	P	81-14	Hespe, George R.	P
81-03	Betts, Deborah H.	P	81-07	Hileman, Edward A.	P
81-151	Blickley, Mark A.	P	81-81	Hoffman, Peter D.	P
81-75	Boren, Victor A.	P	81-157	Holstad, Paul D.	P
81-104	Brandon, John W. IV	P	81-88	Jan, Shihming	P
81-116	Broderick, Dan D.	F	81-135	Julian, Ronald G.	P
81-73	Brown, Barry K.	F	81-52	Kempner, Alan	P
81-124	Brufat, Steve L.	P	81-113	Kenyon, Theodore R.	P
80-137	Burgett, Michael R.	F	81-128	Keppler, Karl J.	P
81-71	Campbell, James D.	P	80-127	Kesler, Steven Leon	F
81-63	Campbell, William G.	P	81-51	Kidd, David R.	P
77-136	Cawood, Carl G.	F	81-56	King, Jeffrey Allen	P
81-109	Clark, Robert	P	81-19	Knaak, Carl Ralph	P
81-35	Clemm, Nancy E.	P	79-80	Khudsen, Dennis C.	F
80-22	Consoni, Robert E.	F	81-20	Kress, Donald William	P
81-126	Cook, Timothy E.	F	81-34	Kuo, Ching-Jey	P
81-32	Crow, Stephen R.	P	81-86	Lachvayder, Gary	F
81-145	Cunningham, William A.	P	81-37	Landis, David A.	F
81-89	Cuzme, Jose F.	F	81-91	Laray, William R.	F
81-158	De Jesus, Leonardo L.	P	81-29	Lauger, John B.	P
79-8	Doll, Jerry K.	P	81-54	Lear, Barbara E.	P
81-68	Donnelly, Dale C.	P	81-87	Lee, Karen R.	P
81-46	Drago, James J.	P	78-162	Lester, Billy Royce	F
81-04	Drake, Thomas R.	P	81-59	Levinson, Catherine L.	P
81-76	Dudics, Duane D.	P	81-137	Long, Daniel E.	F
81-26	Duffy, David S. Jr.	P	81-143	Lorenson, David M.	F
81-72	Duffy, Thomas K.	P	81-60	Lubbe, James N.	P
80-16	Duran, Manuel L.	F	75-205	Luebkin, Dennis	F
81-36	Durby, Michael J.	P	81-42	Lusko, John	P
81-117	Edwards, Alan R.	P	81-64	McCoid, James R.	P
81-90	England, Leonard J.	P	81-47	McDole, Kerry R.	P
81-10	Farber, Victor L.	F	81-96	McDonnell, David I.	P
81-122	Ferrari, James Domenic	P	80-37	McKune, Carter Lynee	F
81-011	Flynn, William	P	81-05	McMahon, Daniel E.	P
81-62	Foley, Brian J.	P	80-166	Madison, Jordan E.	F
80-57	Fongemie, Roger A.	F	81-33	Majure, Levon M.	P
81-146	Fort, Robert T.	P	81-02	Malone, Patrick Kevin	F
80-184	Fowler, Steven F.	F	81-09	Marr, Dale Allan	F
81-084	Freeman, Michael J.	F	81-57	Martuneac, Laura M.	F
80-90	Freese, Timothy A.	F	80-152	Matthews, Daniel P.	F
80-180	Fritz, Dennis E.	P	81-23	Melching, Charles Steven	P
81-111	Fung, John Yau-Sang	P	81-125	Miller, Dwight J.	F

81-77 Mills, James P
 81-21 Mollick, Michael J. F
 81-80 Morrison, Clark S. P
 79-151 Mortensen, Steven L. P
 81-16 Muffly, Chris J. P
 81-61 Mullen, Matthew E. P
 81-82 Murray, Thomas C. P
 81-17 Nagy, Peter A. Jr. P
 81-30 Navratil, Richard D. P
 81-69 Nichol, Richard P
 81-101 Noriega, Robert N. P
 81-93 Norton, R. Steve P
 81-144 Ogden, Douglas R. P
 81-06 Ou, Jenq-Jang P
 80-239 Palmer, Mark Bartly F
 81-127 Parhizkar, Mohsen F
 81-102 Pauling, John T. P
 80-75 Peacock, Michael W. P
 81-112 Penick, Stephen G. F
 81-121 Peterson, David S. P
 81-27 Pflum, Mark Eduard P
 81-136 Powell, Scott M. F
 81-12 Power, David K. P
 81-49 Preiss, Robert R. F
 81-138 Radspinner, Mark A. P
 81-39 Reaves, William T. III P
 81-31 Reimann, George Thomas P
 81-155 Riegel, John Patrick P
 81-120 Robertson, Joanna M. P
 81-28 Robison, Myron E. F
 81-43 Roknich, Mark P
 81-148 Romero, Gonzalo M. P
 81-78 Ruebsamen, Dale T. P
 81-133 Sargent, Stephen C. P
 81-45 Schierhorst, Merry-Dale F
 81-60 Schoen, Harry P. III P
 81-67 Sedler, Martin H. F
 81-15 Shallman, James P
 81-13 Shoghi, Kambiz F
 81-105 Siivola, Dennis R. F
 81-108 Silva, Michael C. P
 81-106 Small, Kurt Allen P
 81-92 Smith, Bryan J. F
 81-41 Smith, Kent A. P
 81-118 Spencer, Gerald W. P
 81-55 Squires, Myron E. F
 80-170 Standing, Paul B. F
 81-152 Stevens, Charles R. F
 81-150 Strauss, Thomas R. F
 79-34 Stringer, Dennis A. F
 81-58 Sullivan, Jeffery A. P
 81-114 Sutter, Timothy C. P
 80-241 Taherkhan, Abbas F
 80-164 Tahmassian, Azad T. F
 80-05 Tarr, Michael A. F

80-76 Tognoni, Jeffrey R. P
 80-192 Tomich, Gary A. F
 80-161 Trujillo, Robert T. F
 81-044 Turner, Justin M. P
 81-01 Turton, Robert D. P
 81-107 Vail, Walter H. F
 81-131 Vercauteren, Kenneth R. P
 80-29 Verfurth, Steven M. F
 81-103 Viola, James E. F
 81-18 Von Pein, Richard T. P
 81-50 Wadia, Aspi Rustom P
 81-25 Wanttaja, Kevin G. F
 81-140 Waterson, Charles K. P
 81-24 Watson, Bruce H. P
 81-98 Watson, David E. P
 81-74 Welch, Robert E. Jr. P
 81-40 Whitehead, Michael J. P
 80-124 Wickroski, Larry A. P
 81-08 Williams George C. P
 81-156 Willis, Carl Myron P
 81-149 Wong, Michael T. M. F

GEOLOGIST-IN-TRAINING

81-02 Hulpke, Michael P
 81-01 Lemmon, James J. F

MOTION: It was moved by Dr. O'Bannon and seconded by Mr. Durand that the following applicants have completed all requirements for registration and that registration be granted. Motion carried.

ARCHITECT

Hatcher, James Arthur 13898

ASSAYER

Aboud, George M. 13899

CIVIL

Allison, Robert C. 13900
 Allocco, David R. 13901
 Best, Joel E. 13902
 Bortfeld, Robert J. 13903
 Brozek, Christoph 13904
 Buxton, Lawrence A. 13905
 Byall, Robert G. 13906
 Carr, John W. 13907
 Carthew, Georffrey A. 13908
 Cody, Debra Lynn 13909
 Compton, Glenn A. 13910
 Eberline, Rex L. 13911
 Foster, Thomas D. 13912
 Johnson, David F. 13913
 Lane, Thomas S. 13914
 Mate, John R. 13915
 Munden, John C. 13916
 Read, Arthur E. 13917
 Roberts, Steven G. 13918
 Russell, Jerry S. 13919
 Savicky, John L. 13920
 Small, George N. 13921
 Spinar, Ronald G. 13922
 Stirnitzke, Robert 13923
 Tsang, Antony C. 13924
 Tysiac, Lawrence L. 13925
 Vyas, Manoj N. 13926
 Williams, Timothy L. 13927
 Willson, James 13928

ELECTRICAL

Arechaveleta, Joe R. 13929
 Bagby, Barnabas P. 13930
 Coleman, Alvin T. 13931
 Fries, Robin J. 13932
 Gartner, Arthur E., Jr. 13933
 Murphy, David E. 13934
 Pearson, Jaryl M. 13935
 Wright, Ronald S. 13936

GEOLOGIST

Gordon, Arthur J. 13937
 Means, Victor A., Jr. 13938
 Pryor, Michael 13939

LAND SURVEYOR

Bautista, Melvin 13969
 Collins, Darryl T. 13940
 Haywoor, George M. 13941
 Knudson, Richard 13971
 Neitz, Walter L. 13942

MECHANICAL

Green, Lowell 13943
 Howeth, Michael L. 13944
 Kruse, Robert K. 13945
 Lamson, Edward W., Jr. 13946
 Lane, Glenn H. 13947
 Richards, Malcolm E. 13948
 Rowland, James W. 13949
 Wrusz, Richard 13950
 Costello, Milton 13968

METALLURGICAL

Gale, Donald C. 13951

MINING

Hardy, Kim L. 13952
 McIntosh, Scott L. 13953
 Roggenthan, Robert L. 13954

SANITARY

Olbert, Bradford D. 13955

STRUCTURAL

Christoph, Frank J. 13956
 Dunn, W. Gary 13957
 Feeney, Jeffrey J. 13958
 Hoffman, Mark H. 13959
 Ruddy, John L. 13960
 Stanley, Hollie 13970
 Stevens, Alexander M. 13961
 Stimson, Robert W. 13962
 Tomasso, Robert J. 13963
 Turley, Richard D. 13964
 Tychowski, Christopher 13965

STRUCTURAL (cont'd)

Tzeng, Charles C.	13966
Stanley, Hollie M., Jr.	13968

INDUSTRIAL

Costello, Milton	13967
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GEOLOGIST-IN-TRAINING

Hulpke, Michael	31
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ENGINEER-IN-TRAINING

Benoist, Jon Malcolm	2454
Duffy, David S., Jr.	2455
Glass, Clinton M.	2456
Jan, Shihming	2457
Ou, Jenq-Jang	2458
Turner, Justin M.	2459
Von Pein, Richard T.	2460
Baker, Jeffery Jon	2461
Blanchette, Mary P.	2462
Brininstool, Michael	2463
Eckhardt, Patricia K.	2464
Harrington, John M.	2465
Hofferber, John E.	2466
Larsen, K. Stephan	2467
Westphal, Kathryn A.	2468
Betts, Deborah H.	2469
Blickley, Mark A.	2470
DeJesus, Leonardo L.	2471
Doll, Jerry Kenenth	2472
Durby, Michael J.	2473
Fritz, Dennis E.	2474
Gage, Arthur V.	2475
Gomez, Jose Raul	2476
Henry, Robert W.	2477
Hileman, Edward A.	2478
Kress, Donald William	2479
Kuo, Ching-Jey	2480
Lear, Barbara E.	2481
Lusko, John	2482
Mortensen, Steven L.	2483
Murray, Thomas C.	2484
Nagy, Peter A. Jr.	2485
Noriega, Robert N.	2486
Power, David K.	2487
Radspinner, Mark Arthur	2488
Reimann, George Thomas	2489
Spencer, Gerald W.	2490
Sullivan, Jeffery A.	2491
Turton, Robert D.	2492
Wadia, Aspi Rustom	2493
Watson, Bruce H.	2494
Wickroski, Larry Albert	2495
Willis, Carl Myron	2496



05175

OFFICE OF THE GOVERNOR
STATE HOUSE
PHOENIX, ARIZONA 85007

IN REPLY
REFER TO.

BRUCE BABBITT
GOVERNOR

July 6, 1981

Marshall B. Block, M.D.
3522 North 3rd Avenue
Phoenix, AZ 85013

Dear Dr. Block:

The State Board of Technical Registration was created by the Legislature in 1956 to provide for the safety, health and welfare of the public through the promulgation and enforcement of standards of qualifications for those individuals licensed and seeking licenses. The Board is another example of the many occupational licensure boards which have to date served the practitioners of the occupation, rather than the public at large. I have argued for years that reform is needed for regulatory boards and to improve consumer protection; to date, comprehensive reform has not been enacted by the Legislature.

I have been following complaints regarding the Board of Technical Registration and have been making my own examination of its procedures. As a result of last year's sunset review audits and legislative hearings, the legislature charged the board to improve its performance within the next two years.

Your letter highlights the need for change in our regulatory statutes. Since any change in the Board must be initiated by the Legislature, I would suggest that you contact your legislative representatives to express your concerns. I have in the past supported legislation to bring more consumer representation to the regulatory boards, and will continue in the future to push for such legislation.

Sincerely,

Bruce Babbitt
Governor

BH:rlr

cc: Judy Ross.
Executive Director

Wayne Earley
Chairman of the Board

Process of Investigation
and Resolution of Complaints
and Quality Review Findings

The State Board of Accountancy responds to all public complaints that appear to infringe on state accountancy law, rules or regulations and initiates an investigation of the situation.

Since 1976 the Board has also increased investigations through the implementation of a "quality review" for public filings. Audit reports and expressions of opinion regarding financial statements are, in selected instances, public filings when specified by law. Examples of these public filings include audit reports of cities and towns and financial statements filed when a corporation proposes to offer securities for public sale. When conducting a "quality review", the Board investigator compares the filings to a preliminary review checklist containing the basic elements of "generally accepted auditing standards and accounting principles." The investigator reports exceptions from these standards and principles to the Board for its consideration and action.

The Board follows a standard procedure in quality review and complaint investigations. The Board begins by reviewing 1) complaints, 2) referrals, and then determines 3) if sufficient resources exist to direct that a specified number of quality reviews be conducted.

The Board may elect to obtain additional information on complaints and referrals from such sources as the Attorney General or the referral agency before proceeding.

COMPLAINT ACTION STATUS @ 7-27-81

FY 79 July 1, 1979 - June 30, 1980

Complaints Received - (Average 2.15/wk)	112
Complaints Closed	40
Open Complaints	<u>72</u>
Open Complaints Waiting for Board <u>Closing Action</u>	45
	<u>27</u>

Open Complaints Requiring Further Action 27

FY 80 July 1, 1980 - June 30, 1981

Complaints Received (Average/wk 2.1)	109
Complaints Closed	16
Open Complaints	<u>93</u>
Open Complaints Waiting for Board <u>Closing Action</u>	36
	<u>57</u>

Open Complaints Requiring Further Action 57

FY 81 @ 7-31-81

Complaints Received (Average/wk 2.3)	10
Complaints Closed	0
Open Complaints Requiring Further Action	10
	<u>94</u>

TOTAL COMPLAINTS RECEIVED 231

TOTAL CLOSED OR WAITING CLOSING ACTION 137

TOTAL OPEN REQUIRING FURTHER ACTION @7-27-81 94

OPEN COMPLAINT PRIORITY BREAKDOWN

<u>Priority #1</u>	<u>Priority #2</u>	<u>Priority #3</u>	<u>Unknown</u>
28	11	39	16

Priority #1 - Charge against a licensee

Priority #2 - Minor charge against a licensee or major (2nd or more) charge against a non-licensee.

Priority #3 - Minor charge against a non-licensee.



State of Arizona
BOARD OF TECHNICAL REGISTRATION

95178

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

July 20, 1981

Mr. Richard Rabago, Director
Personnel Division
Department of Administration
1831 W. Jefferson
Phoenix, AZ 85007


Dear Mr. Rabago:

Submitted herewith for your consideration is the Arizona Board of Technical Registration's proposed reorganization. We urgently request your early affirmative action on our request in order for us to more properly respond to previous and present sunset review by the Auditor General's Office. This reorganizational plan was reviewed informally at a meeting in our office this morning. Those participating were Ms. Carolyn Gong of your office, Ms. Marilyn Spies of JLBC, and Don Reville of EBO. Our office was represented by Ms. Bonnie Bartak, Mrs. Joyce Smith, Acting Executive Director, and Wayne O. Earley, Chairman.

We were advised by Mr. Don Ravelle that he was unable to sign-off and initial the proposed reorganization because in his view it did not conform to previous legislative intent. Our perception of previous legislative actions appear to have not been specific to this issue and rather mixed in response.

We greatly appreciate the time, assistance and advice your staff has given this agency during the past three months. Ms. Gong and Ms. Buckner have provided invaluable counsel to us.

Very truly yours,


Wayne O. Earley
Chairman

WOE:js

cc: Carolyn Gong, Personnel Div.
Marilyn Spies, JLBC
Don Reville, EBO
Board Members, BTR
Judi E. Ross, Exec. Dir., BTR



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05179

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

July 20, 1981

Mr. Richard Rabago, Director
Personnel Division
Department of Administration
1831 W. Jefferson
Phoenix, AZ 85007

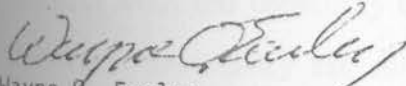
Dear Mr. Rabago:

The Board of Technical Registration requests your consideration and action to provide for exempt, non-merit system status for the two Deputy Directors' positions requested by our reorganization plan.

We have had rather difficult times in the past in achieving continuity in our top positions when resignations or dismissals have been necessary. We would like for the Executive Director to be free to select her team for enforcement and licensing from those attuned to the Director's operational preferences.

Thank you for your consideration.

Very truly yours,


Wayne O. Earley
Chairman

WOE:js

cc: Board Members, BTR
Judi E. Ross, BTR Exec. Dir.



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05180

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

TO: Richard Rabago, Personnel Director
FROM: Wayne Earley, Chairman of the Board of Technical Registration
DATE: July 17, 1981
SUBJECT: Request to Reorganize Staff

The Board of Technical Registration is seeking to reorganize its staff to increase its efficiency and expand its scope of operations into the areas recommended by the Auditor General and mandated by law. In order to do this, the board seeks your approval to realign its staff structure as shown on the attached charts. In recent years the board has been a bottom-heavy agency and as such has not effectively utilized its staff. The director has been both the hub and the wheel. Presently, the board has only a single professional level position, the director's post. The result has been that the director was too heavily involved in the day-to-day operations of the office. The director had little or no time to establish contacts with the community of design and technical professions, the public or even lawmakers. The agency has suffered with the one-man shop approach in which the shop almost had to close its doors when the shopkeeper was away.

The proposed reorganization is designed to expand further the board's professional capacities through the realignment of staff and addition of one position by utilizing outside consulting services. The board estimates the proposed changes will cost an additional \$40,000 a year. The reorganization would give the board three key personnel positions -- a technical assistant for fiscal and personnel matters plus two professional slots. It is proposed that one of the key professional per-

sonnel will be staffed by an outside consultant until next year.

Under the reorganization, the board would be headed by an executive director at Grade 24. We have just filled the director's slot with the appointment of a very capable administrator from New Mexico. Judi E. Ross served as a division chief in the New Mexico Department of Finance and Administration.

Reporting to the director would be two professional and one technical-level positions -- an enforcement officer, a licensing officer and an administrative assistant for finance and personnel. The enforcement officer would head a new enforcement unit and supervise the activities of private investigators hired on a consultant basis to follow-up on reports of incompetent work, misfeasance, fraud and other complaints filed with the board. The licensing officer would head a unit that licenses almost 10,000 design and technical professionals from six separate fields and fifteen branches of engineering and conducts testing for applicants. The licensing officer would supervise one examiner technician. The office would be rounded out with an administrative secretary I to handle the board and executive director's agenda, their minutes and correspondence.

Under the proposed reorganization only one position would be unaffected -- an examiner technician I. The five remaining positions would be upgraded or abolished and replaced. Present employees would be encouraged to apply for the new positions and there is a good possibility most, if not all, could compete successfully for the positions.

The Board of Technical Registration is scheduled to undergo a sunset review later this year by the auditor general's office. The board has been striving to meet the recommendations of the auditor general made in a 1979 report to the Legislature. The agency has been crippled in its efforts by a staff that is too small and which has too few professional positions. In the board's attempt to cope, the administrative assistant has been devoting all of his time to operating an enforcement unit, and the board has contracted with professional consultants to carry out some of the other necessities.

Following is a listing of the board's six full-time positions, a brief summary of job duties and a brief description of how they would be changed under the reorganization.

NOWPROPOSEDDIRECTOR

Plans and administers technical registration programs, personally evaluates nearly 1,000 licensing applications per year, forms and carries out policy, develops and administers budget, supervises personnel, personally carries out a multitude of day-to-day functions.

Responsible for the same tasks. Less emphasis on personally carrying out day-to-day business. More emphasis on working with the professions, the public and government entities. Conduct peer review seminars and overview conferences. Upgrade to Grade 24.

ADMIN ASST III

Spends 90 percent of time running an enforcement unit and supervising private investigators.

Position would be redefined as Admin Asst for Finance and Personnel. Keeps personnel records and handles all accounting. Added responsibility of preparing annual budget and conducting all fiscal matters. Assist director in administrative tasks.

ADM SECY I

Spends 75% of time handling personnel and accounts. Keeps board minutes and prepares agenda. Serves as secretary to director and board.

Redefined to eliminate personnel and accounting duties. Prepares board agenda and takes minutes. Handles board correspondence and serves as secretary to director. Performs secretarial and clerical to others in office when needed. Supervises clerical pool workers.

DEPUTY DIRECTOR-ENFORCEMENT

Establish an enforcement unit to investigate complaints of fraud, incompetence, etc. Supervise work of consultant investigators. Work with citizen committees, expert witnesses, legal community and the public.

DEPUTY DIRECTOR-LICENSING

Establish a position to administer the testing and licensing of 10,000 individuals in 20 design and technical disciplines. Supervise examiner technicians. Relief for director.

EXAMINER TECHNICIAN I

(2 positions)

Handle and licensing of 10,000 design and technical professionals. Arrange testing of applicants.

One position would remain unchanged. The other position would be abolished to create the licensing position.

SECRETARY II

Handles secretarial functions for the administrative assistant who serves, in effect, as enforcement officer.

Abolish position to create the enforcement position.

We request the approval of our proposed reorganization which includes professional-level positions for an enforcement officer and a licensing officer, both at Grade 20. The licensing position would supervise the operations of the examiner technician in the licensing unit and release the director for other important activities.

The urgency for a licensing officer has been building as the number of new applications increases each year. Arizona rapidly is becoming one of the nation's fastest growing states in terms of construction activity. Pursuant to the 1980 Sunset Review, changes in the make-up of the board reduced the number of architects and engineers able to evaluate the applications, so the burden fell to the executive director. At times the director was doing little else as applications flooded his office at an average rate of almost 20 per week. Presently there is no one on the agency staff who is capable of evaluating applications for licensing so the need for professional evaluation and an evaluator clearly is indicated.

The board believes this proposed reorganization will allow the agency to meet

its mandate under the law and to protect the public health, safety and welfare with the expanded and refined functions identified.

The proposed reorganization would go a long way toward facilitating the board's operation and would do it at a reasonable cost. The proposal would result in a re-allocation of an additional \$15,487 for staffing salary costs and employee-related expenses. The services of an outside professional consultant to act as licensing officer would cost an additional \$24,220 with no E.R.E.

While this reorganization would be a giant step toward a more efficient office, it by no means would provide for all of the changes that we believe should be instituted eventually by the board. For example, the board believes that at least one staff investigator is needed in the future to respond to complaints filed with the board about design and technical work. However, this reorganization will set the board on its way to better protect the public health, safety and welfare.

ACTIONS REQUESTED

BOARD OF TECHNICAL REGISTRATION

1. Executive Director. Upgrade to Grade 24, from Grade 21. Needed to align position with similar duties in state government and to keep salary competitive with public and private sectors. Allows salary advancement for present Director.
2. Deputy Director-Enforcement. Establish position at Grade 20. Carries out and expands scope of activities now done by Admin Asst III. Mandated by auditor general.
3. Deputy Director-Licensing. Establish position at Grade 20.
4. Administrative Assistant III. Redefine position to concentrate on fiscal and personnel matters. Prepare budget. Handle all accounting activities, purchasing, contracts, etc. Assist director with administrative tasks.
5. Administrative Secretary I. Redefine position to concentrate on secretarial services for the executive director and the board. Remove accounting and personnel duties which consume most of the time.
6. Secretary II. Abolish position.
7. Examiner Technician I. Abolish one position. Leave second position unchanged.

BOARD OF TECHNICAL REGISTRATION--PRESENT STAFFING

Executive Director
Grade 21-8
33,998

Administrative Secretary I
Grade 12-6
15,488

Examiner Tech I
(2 positions)
Grade 10-4
25,890

Administrative Assistant III
Grade 17-2
19,008

Secretary II
Grade 9-2
11,110

BOARD OF TECHNICAL REGISTRATION--PROPOSED STAFFING

Executive Director

Grade 24-2

34,916

Administrative Assistant III
For Finance and Personnel
Grade 17 - 2
19,008

Administrative Secretary I
Grade 12 - 6
15,488

License Officer
Grade 20 - 2
24,220

Enforcement Officer
Grade 20 - 2
24,220

Examiner Tech I
Grade 10 - 4
12,945

Investigator I
Grade 14


Secretary II
Grade 9

----- Future Positions

ARIZONA PROFESSIONAL LAND SURVEYORS - STANDARDS

ELEMENTS TO BE CONSIDERED IN THE FORMULATION OF SURVEY STANDARDS

- 1) Be consistant with and flow directly from all applicable laws and rules.
- 2) Be readily enforcable by Board of Technical Registration. (Board Rules)
- 3) Include all of the services and operations of surveying services both by statute and common definition.
- 4) All registrants, engineers as well as surveyors should be regulated without exceptions or escape clauses. This would also include persons who are exempt from the statutory requirements of law or out-of-state, etc. (Except Federal employees).
- 5) Words or phrases which are used in a special way should be defined.
- 6) The recognized and recommended accuracy standards of the National Oceanic and Atmospheric Administration (National Geodetic Survey, formerly United States Coast and Geodetic Survey) should be adopted. (No need to re-invent the wheel).
- 7) Must reflect sound and coherent professional practice.
- 8) A close liaison with the Board of Technical registration and the Arizona Attorney General must be established so that the final draft would be in proper legal form for adoption by the Board.
- 9) Be acceptable by the people engaged in the profession as well as those in APLS. That is to say, if the standards are grossly unreasonable they will not survive the necessary public hearings intact.
- 10) The Standards must have a substantial public benefit and have a a good cost/effect ratio.


R. A. Fish
Chm. Stds. Comm.



State of Arizona
BOARD OF TECHNICAL REGISTRATION

05189

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

July 23, 1981

REPORT TO THE BOARD OF TECHNICAL REGISTRATION:

STATUS OF ACTIVITIES AND OBJECTIVES

Wayne O. Earley, Chairman

The Board of Technical Registration is undergoing massive changes to bring better service to the consuming public whose interest it protects, as well as those professions it regulates. There are nearly 10,000 design and technical professions registered with the Board and the number continues to climb each year.

The reorganization involves all facets of the Board's activities and will impact significantly on practices and procedures and staffing. Several of the changes have been undertaken in response to deficiencies spotlighted by the Auditor General in a sunset review of the agency. The Board will undergo its second round of scrutiny beginning in September when the Auditor General returns for another evaluation, the results of which will be presented to the Legislature in 1982. Chief among the areas identified for improvement by the Auditor General in his initial examination were the Board's lack of enforcement efforts and the need to develop and apply written standards for licensing.

This report is a summary of actions initiated on your behalf as part of the Board's reorganization and establishment of a new direction. Some tasks are completed, some are underway and others are in the formative stages. All will combine to make this Board a more effective state agency.

NEW RULES

The Board is employing David Rivers, a law clerk, for the summer to prepare new rules and regulations to clarify and standardize licensing actions. A set of interim rules were submitted to the Attorney General for approval while Mr. Rivers was drawing the permanent rules. I regret to report that the interim rules have been rejected again. However, our list of new fees was approved and has been adopted. The new rules, which are a thorough revision of any previous rules, promise to be one of the most comprehensive guides available in any state. The rules will establish definitive education and experience guides to be used in the licensing of our registrants. The Board wants to eliminate the possibility that applicants may be treated differently despite similar qualifications. The standards will leave room, however, for discretionary judgment in the evaluation of an applicant's qualities of character, scope of practice and sense of professional responsibility. Public hearings will be conducted on the permanent rules before they are implemented.

ENFORCEMENT PROGRAM

Staff has undertaken a new enforcement effort at your direction. The reorganization includes plans to establish and upgrade a separate enforcement unit to investigate complaints of unprofessional work, fraud and misfeasance. So far this year, 140 complaints filed either have been resolved or still are under investigation. Action was taken against a number of registrants and is pending against others. Penalties include fines, censure, probation, revocation of licenses or the requirement to undergo a peer review process. Three private investigation firms have been hired to investigate complaints. In addition, we are forming a roster of qualified expert witnesses who can be called upon to assist in the investigation, evaluation and prosecution of

complaints. The work of the enforcement unit will be carried out in cooperation with building safety and public works officials who can help pinpoint possible violations. To carry out enforcement activities, staff has designed a procedure under which advisory committees of professionals in each discipline review investigation reports and expert testimony to determine whether a violation exists or whether substandard work was done. The recommendation of the advisory committee then is forwarded to the Board for final action. Regular notification of enforcement actions will be made to the public in keeping with the Auditor General's recommendation.

PEER AND QUALITY REVIEW

One of the first duties of the new Director and her staff is to establish a peer and quality control review program as suggested by the Auditor General. Already we have a system in place that allows public agencies to obtain names and qualifications of the officers of firms who are offering their professional design services. This program was established in compliance with state law to help cities, counties, state agencies, school boards and other political subdivisions determine qualified firms for letting design and consulting contracts for public works.

PUBLIC INFORMATION

We have established a public information effort to keep the public and regulated professions apprised of the Board's activities. A regular series of reports, announcements and news releases has been issued since May. If sufficient resources can be made available, a newsletter will be established. Behind such an information program is the Auditor General's admonition to increase the awareness of and participation in Board affairs by registrants, the public and lawmakers. We should no longer be known as "one of the most obscure" state agencies, as we were labeled by one newspaper columnist.

In conjunction with the information program, the Executive Director will take the story of the Board's activities to professional associations and to the community in a series of public appearances designed to improve the visibility of the Board and its effectiveness.

STAFF REORGANIZATION

After an extensive search and numerous interviews, all conducted with the assistance of State Personnel Officer Ruth Buckner, Judi E. Ross has hired as our new Executive Director. She will assume the position on July 27, 1981. Judi was selected from a field of 240 applicants because her background and skills fit our needs--Judi served as Director and Deputy Director of several New Mexico state government offices to gain administrative skills; she was a member of the Cabinet of former Governor Jerry Apodaca and gained extensive experience working with lawmakers and she has dealt with special interest groups, community groups and the public. Besides getting a Director on board, we have initiated a reorganization that will affect nearly every position and most jobs done by our six-person staff. The office now is seriously hampered by a lack of professional expertise and a shortage of hands to get the work done. We are working with the Department of Administration and the executive and legislative budget staffs to accomplish the reorganization. Both the Personnel Division and the JLBC staff are reviewing the Board's desire to establish separate enforcement and licensing units in order to free the Director for other tasks. The JLBC report is expected by September 1. According to the reorganization plan we have submitted, the Director would be freed to coordinate with professional groups, building safety offices and the public instead of being bogged down in administrative detail.

APPEAL TO THE LEGISLATURE

Your Chairman and Executive Director appeared in June before the Joint Legislative Budget Committee to seek a blessing for the reorganization plan.

Our request was well-received and the committee assigned a management analyst to review the Board and its operations. The JLBC staff, which is expected to issue its recommendation by September 1, will assist in making approved changes. Once the reorganization is approved, we will return to the JLBC for a supplemental appropriation to finance new operations. It is possible we may be able to obtain funds from a special state personnel account used to make up the difference in salary needs that occur when a position is upgraded.

MAILING LIST

The Board has compiled a mailing list of more than 1,000 individuals, organizations, agencies and publications that are interested in the activities of the Board. The list, prepared in cooperation with the State Data Processing Office, includes professional societies, associations, public officials, building safety offices, the media, educators and other interested parties. The list is a key to the Board's ability to communicate its activities.

PUBLIC COMMENT

The Chairman has instituted a public comment period as a regular feature of the Board agenda to hear from professional societies, associations, registrants and members of the public on matters pending before the Board. Interested parties will be notified about the public comment period and will be encouraged to attend Board meetings.

REPORTS

The Board has revised the number and content of reports it issues. Instead of issuing one report at the time of license renewal, this year the Board will issue three reports on a staggered time schedule. The numerical roster, now in publication, will cost \$2.00. An alphabetical roster will be issued at a cost of \$4.50 on a periodic basis as there are significant changes in the number or composition of registrants. The annual report to the Governor will be issued separately every January.

SCHEDULE OF MEETINGS

5194

- August 7, 1981 - Rules Committee Meeting
- August 11, 1981 - Assayer Advisory Committee Meeting
- August 13, 1981 - Geology Advisory Committee Meeting
 - Committee B - Evaluation of Applications in Assaying, Geology, Architects and all other Engineers
- August 14, 1981 - Special Board Meeting for Rules Committee Report
- August 18, 1981 - Land Surveyor Advisory Committee Meeting
 - Committee A - Evaluation of Applications in Land Surveying, Architects, and Civil and Structural Engineers
- August 19, 1981 - Architectural Advisory Committee Meeting
- August 25, 1981 - Landscape Architectural Advisory Committee Meeting
 - Committee C - Evaluation of Applications in Landscape Architecture and Civil and Structural Engineers
- August 27, 1981 - Engineering Advisory Committee Meeting

September - Advisory Committee meetings

September 9-11, 1981 - Licensing Conference in St. Louis, Missouri

September 18, 1981 - Board meeting in Flagstaff

September 25-26, 1981 - CLARB Annual Meeting in Scottsdale

October - Advisory Committee meetings

October 29-30, 1981 - NCEE Examinations and locally prepared exams

MINUTES OF THE STATE BOARD OF TECHNICAL REGISTRATION

05195

SPECIAL MEETING

AUGUST 28, 1981

A special meeting of the State Board of Technical Registration, held at Room 315, Occupational Licensing Building, 1645 W. Jefferson, Phoenix, Arizona, was called to order by Chairman Wayne O. Earley at 9:25 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
William S. Gookin, Member
Stewart R. Palmer, Member
John B. Riggs, Member

Gary L. Sheets, Asst. Attorney General
Judi E. Ross, Executive Director
Joyce Smith, Licensing Officer
Bruce Rosenhan, Enforcement Officer

Those present constituted a quorum.

The Chairman announced the Board would go into Executive Session at 9:30 a.m. regarding confidential material and legal advice.

The Board returned to open session at 11:00 a.m.

1. Enforcement Report

- a. C77-80 BTR vs. Steve McLaughlin, Registered Land Surveyor, #11752

It was moved by Dr. O'Bannon and seconded by Mr. Gookin a consent order be negotiated. Motion carried.

- b. C76-80, BTR vs. David Mitchell, Registered Architect #8531.

It was moved by Dr. O'Bannon and seconded by Miss Finley a consent order be negotiated with 90 days to correct deficiency. Motion carried.

- c. C91-80, BTR vs. David Udkow, Registered Architect, #10382

It was moved by Dr. O'Bannon and seconded by Mr. Nunn the case be closed. Motion carried.

- d. C97-80, BTR vs. Jon Kimoto, non-registrant

It was moved by Mr. Nunn and seconded by Mr. Gookin a Notice of Violation be sent to Mr. Kimoto. Motion carried. A Conflict of Interest was filed by Wayne Earley, as attached to these Minutes.

- e. C46-80 BTR vs. Tom Pugh, non-registrant

It was moved by Dr. O'Bannon and seconded by Mr. Riggs the case be closed. Motion carried.

- f. C24-80 BTR vs. Gene Fontes, registered Civil Engineer, #9638

It was moved by Miss Finley and seconded by Mr. Durand the Board return Mr. Fontes' stamp and the case be referred back to the Advisory Committee. Motion carried. A Conflict of Interest was filed by Mr. Gookin and Dr. O'Bannon, as attached to these minutes.

2. Architectural Examination Committee Report

Mr. Nunn presented the Architectural Examination Committee report of the June 1981 Qualifying and Section A Design examinations, as shown on Minute Pages 5200-5208

It was moved by Mr. Nunn and seconded by Mr. Riggs that the examination results as shown be so certified. Motion carried.

3. Granted Registrations

It was moved by Mr. Nunn and seconded by Mr. Riggs that Mr. Glenn M. Ihde, Structural Engineer, 81-214, grades be certified and he be added to the registrations granted. Motion carried.

It was moved by Mr. Nunn and seconded by Mr. Riggs that the applicants shown on Minute Page 5209 have completed all requirements for registration and that registration be granted. Motion carried.

4. Advisory Committee Procedures

Miss Finley presented a draft of the Advisory Committees' Procedures for comments and discussion. After considerable discussion on the composition of the membership of the engineering committee, it was moved by Miss Finley and seconded by Dr. O'Bannon that the engineering committee would have four professional members and one member from the building department or one public member and those persons sitting on an individual case would be drawn from a pool. Motion Carried.

It was moved by Miss Finley and seconded by Dr. O'Bannon that the assayer, geologist, land surveyor and landscape architect committees will have four professional members and one public member. Motion carried.

It was moved by Miss Finley and seconded by Mr. Riggs that the architect committee will have four professional members, one building department member or one public member. Motion carried.

4. Advisory Committee Procedures - continued

It was moved by Miss Finley and seconded by Mr. Cookin that to the extent possible that the members of the panel will be geographically distributed. Motion carried.

Miss Finley pointed out that one of the suggestions for the procedures would be the Board members within each discipline shall serve as liason and consult with the committee. The Board members will be available by telephone for inquiries and other communications by committee members and meet with the committee quarterly to provide information concerning Board policies and procedures. Mr. Sheets explained the basis for this was in order to insulate the members from determinations if the Board decides to have a hearing they can sit objectively during the hearing.

It was moved by Mr. Nunn and seconded by Mr. Palmer that if an advisory committee member misses two consecutive meetings, he should notify the Board so that a replacement can be appointed from the panel of alternates. Motion Carried.

5. Review of Rules

Chairman Earley explained that Dave Rivers and Gary Sheets had prepared a third draft of the Rules since the Board meeting on July 31, 1981, and asked the Board members to review this draft at their convenience and forward to the Board office for incorporation into the Rules by Mr. Rivers and Mr. Sheets. Since the Board had received some comments from the professional societies, their input had been forwarded also to Mr. Rivers and Mr. Sheets. There are several guests present to speak to these Rules in the first draft stage and Chairman Earley recognized them for their comments.

Mr. Robert Fish, Standards Chairman for Arizona Professional Land Surveyors, invited those present to attend a workshop of the society on September 12, 1981, at which time they will have an in-depth meeting on the Board's rules. Mr. Sheets stated that he would be unable to attend but encouraged them to submit their comments and they will see to what extent they can be incorporated into the rules.

The following guests spoke to the Board and submitted written comments on the first draft of the Rules which had been distributed to them:

Art Brooks, acting chairman of governmental affairs committee for Arizona Consulting Engineers Association
Alan Samuels, president of the Civil Chapter of Arizona Society of Professional Engineers
Eleanor Smith, Executive Director of the Arizona Society of the American Institute of Architects.

Chairman Earley at the conclusion of their comments requested they send their comments to the Board Office as soon as possible in order that they may be distributed to the Board members at least a week before the September 18th meeting in Flagstaff.

5. Review of Rules - Continued

Mr. Durand presented a letter from Mr. Curtis Drew, President of Arizona Professional Land Surveyors, and requested it be put into the records and Mr. Sheets concurred that it would be incorporated into the rules after a copy had been provided to all Board members.

Mr. Sheets stated that it would be impossible to adopt the rules at the September 19th meeting and they are really looking toward a date in December for final draft for approval to be presented to the Secretary of State and other committees for publication of a public hearing in either January or February.

It was moved by Mr. Gookin and seconded by Mr. Durand that the Board authorize a letter of commendation be sent to Mr. Rivers for his excellent work.

6. Legislative Committee

Chairman Earley stated he had appointed two additional members to the present committee who are Stewart Palmer, Patricia Finley and John Riggs, and the new members are Hector Durand and William Gookin. Judi Ross had placed this item on the agenda to make the members aware of the deadline for submitting a bill to the Legislature in November. She advised the committee to let her know what schedule of meetings will be made for public notice at least 24 hours ahead of the scheduled time. Mr. Sheets suggested that the Board only have one bill and deal only with procedural improvements such as examinations for some of the areas not covered in the present law. If the professional societies wish to lobby for another bill besides the housekeeping bill, they may do so.

7. Canyon Savings & Loan/Anthony Campanaro, Architect (deceased)

Chairman Earley explained that the office had received a call from Canyon Savings & Loan who was client of Mr. Campanaro who became deceased while the bank branch office was being built in Bullhead City, Arizona, and since the project had not been completed, what was the legal steps for their organization to proceed with the project. In discussing with the firm the progress of the project, they had indicated it was approximately 90% completed. It was moved by Mr. Gookin and seconded by Mr. Nunn that the Board authorize Canyon Savings and Loan to turn the plans over to an Arizona registered architect and if the architect is willing to do so after fully reviewing the plans, the architect be permitted to proceed with the project to completion making arrangements with the estate of Mr. Campanaro they may be able to negotiate and these arrangements being no concern of the Board. Motion Carried.

8. Unfinished Business

It was moved by Mr. Gookin and seconded by Mr. Riggs that the examination fees for land surveyors already received by the Board be refunded due to advice from legal counsel that the Board lacks the statutory authority to examine, on a blanket basis, land surveying applicants. In discussion of the motion, Mr. Sheets explained that the pending applications should be reviewed to determine if the applicants meet the education and/or experience criteria, and if an applicant does meet those criteria he should be licensed -- there is no examination, oral or written. Further, he cited the 1890 Sherman Anti-trust Act which says basically that there cannot be any combination or agreement in restraint of trade. The Board is an agency composed of individuals in the various professions. Without the law specifically stating that the Agency can examine, what occurs is a group of professional people without benefit of law saying that others cannot be licensed. The Board members would then be restricting trade and be liable for treble damages under the Sherman Act. Mr. Sheets stated that he could not under any good faith legal advice recommend that the Board examine the land surveyor applicants unless there is a law saying specifically examine. A professional or trade group cannot exclude unless the law specifically authorized it to do so. The Chairman called for the question and the motion carried.

9. Adjournment

It was moved by Mr. Nunn and seconded by Mr. Riggs that the meeting be adjourned at 4:30 p.m. Motion carried.

ARCHITECTURAL EXAMINATIONS

JUNE 16-17, 1981

15200

ARCHITECTS

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
77-525	Al-Alawi, Kamal	P	P	P	P	F	
79-374	Allen, Kenneth Lewis	P	P	P	P	P	B,C
79-507	Anderson, Clark Lynn					P	(A)
80-777	Anderson, Harold B.					P	(A)
80-785	Baird, Stuart M.					F	
81-260	Barland, Joseph E.					F	
80-167	Barrass, Keith Richard					P	(A)
79-300	Benedict, Peter A.					F	
80-708	Berhalter, Dennis J.					P	(A)
71-414	Biddle, Warren Robert	P	P	P	P	F	B
79-610	Boehm, David P.					P	(A)
81-294	Boonlorm, Paisan					F	
79-658	Bosley, Bruce	P	P	P	P	P	A
79-694	Bowen, Luke Reynolds					P	(A)
79-611	Bridgers, Carl Hamrick					P	(A)
80-662	Brown, Robert P.	P	F	P	P	P	
78-379	Campbell, Gary Alan	P	P	P	P	P	(A)
80-197	Caragol, Richard Louis					P	(A)
81-236	Carson, John H., Jr.					F	
80-749	Charney, Alan Ralph					F	
79-678	Conner, Kenneth R.	P	P	P	P	P	(A)
79-223	Cortez, Ernest Louis	P	DNA	P	DNA	F	
80-397	Cox, Dale Edward					F	
79-743	Dawson, Bruce L.					P	(A)
73-84	Dixon, Charles W.	P	P	P	P	F	
74-499	Duncan, Clarence D.	F	P	P	P	P	
80-672	Ebrahim, Mohamed Afzel					P	(A)
76-385	Fischbach, George T.					F	
81-157	Fisher, James Noel	P	DNA	DNA	DNA	F	
80-643	Fortney, Dorian Fey	P	P	P	P	P	(A)
81-235	Foster, Donald Wayne					P	(A)
72-135	Fraunhoffer, Herman, Jr.	F	NT	P	F	P	
80-637	Fredrikson, Douglas W.					P	(A)
80-282	Godfrey, Preston Noel					P	(A)

ARCHITECTURAL EXAMINATIONS

JUNE 16-17, 1981

15201

ARCHITECTS

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
81-237	Gorham, Robert S., Jr.					F	
78-539	Guzman, Gabriel F.	F	F	F	F	F	
78-291	Hakim, Besim Selim					F	
80-753	Hammervold, Robert J.					P	(A)
79-632	Hardenbrook, Robert Vance					F	
80-674	Harrison, Richard Kurland	P	P	P	P	F	
79-405	Heath, Michael Don					F	
78-217	Hryb, Roman John	F	P	P	P	P	(A)
80-238	Jackson, Michael Allen	P	F	P	P	F	A,C,D
79-233	Kabobel, Gary Alexander					F	
80-202	Kelly, Jimmie Alexander					F	
80-703	Kennedy, Jeffrey M.					F	
81-189	Kenyon, David Lloyd	P	P	P	P	P	A,B,C,D (A)
79-592	Kilbane, Terry Lee					P	(A)
80-270	Kilgore, Karl Manford					P	(A)
78-144	Kimball, William T.					F	
80-271	Kimoto, Jon Stanley					F	
80-657	King, Gary Duane	P	P	P	P	P	(A)
71-318	Kopecek, Josef Robert	P	P	P	P	P	(A)
78-431	Kovacs, Laszlo	P	P	P	P	P	A
79-707	Lindquist, Bruce Lowell	F	P	P	P	P	
78-490	Lockhart, Brian					F	
80-171	Lomeli, Ricardo G.					F	
78-324	Love, James Ray					F	
74-538	Lucero, Edward Horta	F	P	P	P	P	
79-349	Lundberg, David Arthur					F	
80-117	LuPone, Allan Guy					P	(A)
80-170	Lusardi, Stanley Ray	P	P	P	P	P	(A)
80-165	Mather-Boehm, Deborah K.					P	(A)
81-192	Mendoza, Frank Manuel					F	
81-062	Moorman, David W.					F	
79-625	Nelson, Steven George	F	F	F	F	Ex	
78-471	Nickerson, Edwin Walter	P	P	P	P	P	A

ARCHITECTURAL EXAMINATIONS

5202

JUNE 16-17, 1981

ARCHITECTS

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-351	Nolen, Richard Kidwell					F	
80-273	O'Leary, Michael Gary	P	P	P	P	P	A,B,C,D (A)
79-709	Ortega, David Damian	P	P	P	P	F	
78-380	Palmeri, Richard Paul	P	F	P	F	F	A
79-275	Paul, Eric Bradford					P	(A)
79-744	Pearsall, Bryce Dale					F	
81-190	Philp, Mark Allan	P	P	P	P	P	A,B,C,D (A)
78-46	Ransom, William H.	F	F	P	P	P	
79-634	Reich, Thomas Steven					F	
80-286	Reuter, Thomas Eugene					P	(A)
79-710	Roberts, Fay Dennis	P	F	P	P	F	
75-358	Robison, Robert C.	F	P	P	P	P	
79-735	Rothwell, Susanne Gail					P	(A)
80-551	Roubound, Anthony Lee					F	
79-180	Rumel, Scott Sorensen					F	
79-234	Sachleben, Nicholas					P	(A)
79-683	Sadeghi, Jalal					P	(A)
80-629	Sager, Irwin Dale					P	(A)
80-199	Santa Maria, Antonio					F	
80-606	Schulz, Bradley D.					F	
80-236	Schweiger-Nitchals, Suzanne	P	P	P	P	F	
78-296	Shapiro, David Lawrence					P	(A)
80-204	Sherbondy, Don Owen					F	
79-619	Siek, William Vincent					P	(A)
79-618	Simko, Eugene Allen, Jr.					F	
78-545	Sipos, Henry Louis	F	P	P	P	P	
81-239	Stocker, John Edward	P	F	P	P	F	A,C,D
78-250	Stockton, Paul Barten					F	
79-685	Stroh, Douglas Donald	P	P	P	P	P	(A)
78-512	Tone, Robert Charles	P	P	P	P	F	
79-494	Torok, Tamas Peter	F	P	P	P	P	(A)
79-593	Torres, Felipe De Jesus P.	F	F	F	F	F	

ARCHITECTURAL EXAMINATIONS

5203

JUNE 16-17, 1981

ARCHITECTS

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-675	Trzos, Thaddeus Victor					F	
78-548	Tudan, Jonathan Alan					F	
80-115	Ulrich, Roger Lane					F	
79-301	Wetzel, Thomas Joseph					F	
80-716	Willcox, Jared D.					F	
81-144	Wolfarth, Kim Edward					P	(A)
79-648	Wood, May Belle					F	

ARCHITECTS-IN-TRAINING

81-68	Alberding, Kathleen J.	P	P	F	P	F	A,B,D,
80-04	Alday, Abelardo K.	P	F	P	P	F	
81-56	Allard, Paul B.	P	F	F	F	DNA	
81-75	Allyn, Judson Bennett	P	P	P	P	F	A,B,C,D
81-31	Anderson, Gladstone E.	P	F	F	F	F	A
81-84	Anderson, Vernon Preston					F	
80-071	Athanasios, A. Atnanasiou	P	F	F	F	F	
81-90	Attaya, Charles B.	P	P	P	P	F	A,B,C,D
81-79	Barnes, Steven Eugene	P	P	P	P	F	A,B,C,D
80-069	Barrett, James R., Jr.	P	P	F	P	F	A,B,D
81-14	Bateman, Stephen C.	F	F	F	F	F	
81-52	Beck, Jean	P	F	P	P	F	A,C,D
80-044	Becker, J. Lewis	F	P	P	P	P	B (A)
80-045	Bent, Donald Edward, Sr.	F	F	P	P	F	D
81-08	Bogott, Mark Lawrence	P	P	P	P	P	(A)
79-46	Bohn, Stephen Charles					F	A,B,C,D
80-075	Bohning, Scott A.	P	P	P	P	P	(A)
81-02	Bollinger, Kevin Duane					F	
81-85	Brown, Scottie Ray					F	
79-48	Bruno, Dean Edward	P	P	P	P	F	
78-36	Burns, Robert William	P	P	P	F	P	B,C
79-49	Campos, Xavier S.					F	

ARCHITECTURAL EXAMINATIONS

JUNE 16-17, 1981

05204

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
79-50	Carter, William Daniel					F	
81-66	Cate, Paul					F	
80-011	Causey, Jeffrey B.	P	P	P	P	F	
81-26	Cawley, Sherman II					F	
79-11	Chonka, John	P	P	P	P	P	(A)
81-16	Christensen, Alan R.					P	(A)
81-44	Click, Larry James	P	P	P	P	P	A,B,C,D (A)
81-24	Cohen, Howard	P	F	P	P	F	A,C,D
81-50	Comella, Joseph O.	P	P	P	P	F	A,B,C,D
81-82	Conn, Harold Matthew	P	P	P	P	F	A,B,C,D
81-87	Comon, Gilbert A., Jr.	F	F	F	F	DNA	
81-37	Cook, John M.	P	F	P	P	F	A,C,D
79-2	Coor, Roger Bryan	P	P	P	P	P	(A)
80-013	Cotton, Lorenzo	F	P	F	F		B
77-14	Cox, Val M.	P	P	P	P	F	(A)
81-49	Craig, William					P	
81-57	Daugherty, Glenn R.	P	P	P	P	F	A,B,C,D
81-80	Davenport, Steven Richard	P	P	P	P	F	A,B,C,D
81-48	Davis, Michael Reginald	P	P	P	F	P	A,B,C (A)
81-22	Dean, Terance C.	F	F	P	P	F	C,D
79-3	Dieterich, David D.	P	P	P	P	F	
78-38	Dounay, Kent Douglas	P	F	P	P	P	A
81-05	Elstermeyer, Richard C.	P	P	P	P	F	A,B,C,D
81-64	Ench, Curtis A.	P	P	P	P	F	A,B,C,D
81-88	Engelsberg, Susan K.	P	DNA	P	P	DNA	A,C,D
81-11	Floyd, Anthony Craig	P	P	P	F	F	A,B,C
79-4	Fox, Daniel Lawrence	P	F	P	P	F	
81-15	Franz, Richard David	P	P	P	P	P	A,B,C,D (A)
81-39	Friedberg, David G.	F	P	P	P	F	B,C,D
80-015	Gallegos, Philip Robert	P	P	P	P	P	A
79-14	Garcia, Oscar Manuel	F	F	P	P	P	
81-29	Goisman, Kathryn McGuire	P	DNA	P	P	F	A,C,D
81-91	Gonzales, William C.	F	F	F	F	P	(A)
81-19	Gould, John Willard	P	P	P	P	F	A,B,C,D

ARCHITECTURAL EXAMINATIONS

5205

JUNE 16-17, 1981

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
79-58	Graham, Bradley H.	P	F	P	P	F	
79-60	Gualda, Fred H.	P	P	P	P	F	
80-047	Harris, Jon McAllister	P	P	P	P	P	D
79-16	Haskell, Paul F.	P	P	P	P	F	
81-21	Hatch, Thomas Kennedy	P	P	P	F	F	A,B,C
81-019	Heger, John Harold					F	
81-32	Herring, Lawrence Eugene Jr.	F	F	P	F	F	C
80-048	Hitchens, Gregory L.	P	P	P	P	P	(A)
81-36	Isaacson, Mark D.	F	P	F	F	DNA	B
81-34	Jacobs, Warren S.	P	F	F	F	P	A (A)
81-10	Johnson, Dudley J., Jr.	P	P	P	P	F	A,B,C,D
81-46	Johnson, Robert Patrick	P	P	P	P	F	A,B,C,D
80-021	Jordan, Arthur McLeish, Jr.	P		P	P		
80-056	Kauffmann, Jeffrey M.	P	P	P	P	F	
81-18	Kelley, Frederick J.	P	P	P	F	F	A,B,C
78-39	Kennedy, Glenn Ray	P	F	P	P	F	C
81-67	Kindler, Philip J.	P	F	P	P	F	A,C,D,
80-067	Kleber, Terrence Joseph	F	P	P	P	F	B,C,D
81-93	Kruckmeyer, Korey					F	
80-049	Lai, Eric	F	P	P	P	P	
81-76	Lara, Robert					P	(A)
78-48	Larsen, William F.	P	P	P	P	P	(A)
81-83	Lee, Dennis Gordon	P	P	P	P	P	A,B,C,D (A)
81-33	Lee, Terry					F	
81-04	Leibsohn, Eric	P	P	P	P	P	A,B,C,D (A)
81-27	Lesh, Randall Edward	F	F	F	F	DNA	
81-62	Levin, M. Randall					P	
81-78	Long, William Noell, Jr.	F	P	P	P	P	B,C,D (A)
81-59	Loose, Bruce					P	(A)
81-70	Luckett, Richard L.	P	P	P	P	F	A,B,C,D
81-41	Ludwig, John Peter	P	P	P	P	P	A,B,C,D (A)
81-63	Lutgendorf, Robert R.	P	P	P	P	P	A,B,C,D (A)
80-024	Magness, Bobby Lee					P	(A)
79-19	Maher, Joseph S., Jr.	P	P	P	P	P	(A)

ARCHITECTURAL EXAMINATIONS

5206

JUNE 16-17, 1981

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-025	Manross, John C.	F	P	P	P	P	D
81-28	Marks, Randall James	P	P	P	P	F	A,B,C,D
81-12	Marquez-Orozco, Ricardo	F	P	F	P	F	B,D
78-41	Massengill, Robert Lee, Jr.	F	P	P	P	P	B,D
79-35	Mauldin, Robert Leo	P	P	P	P	F	
81-31	Maule, Eric Edward	P	P	P	P	F	A,B,C,D
81-89	Meeks, Lawrence					P	(A)
78-43	Meyer, James Chauncy Mead	P	P	P	P	F	
81-86	Mills, Thomas					F	
80-028	Montello, James Randall					P	(A)
78-44	Morales, Roland C.	P	F	P	P	F	
79-70	Mullins, Paul Michael	P	P	P	P	P	A,B (A)
79-71	Murphy, Neil Egly	P	P	P	P	P	(A)
80-057	Murray, Susan Gayle					P	(A)
80-029	Nichol, William Frederick	P	P	P	P	F	
81-65	Niederman, Peter					F	
81-77	Oliver, Brian					F	
80-065	Ornelas, Eduardo Javier	P	F	P	P	F	D
81-42	Ottum, Duane C.	P	P	P	P	F	A,B,C,D
80-030	Palmer, Gerald Richard					P	(A)
80-058	Pang, Yin Ka	P	P	P	P	P	(A)
80-060	Parks, Karyn A.	P	P	P	P	P	A,B,C,D (A)
79-74	Patry, Daniel P.	P	P	P	P	F	
81-03	Pattyn, Steven	P	P	P	P	F	A,B,C,D
80-061	Pickard, Michael James					P	(A)
80-032	Piskac, Joseph Charles	P	P	P	P	F	
81-01	Poehler, Daniel H.	P	F	P	P	F	A,C,D
80-033	Price, Janice J.	P	P	P	P	P	(A)
80-063	Pruneau, Michel M.					F	
81-07	Quinto, Elizabeth Falk	P	P	P	P	P	A,B,C,D (A)
81-92	Rald, Carl	P	P	P	P	F	A,B,C,D
79-8	Raman, Balakrishnan Kunji	P	P	F	P	F	
79-75	Reeves, Bruce Alan	P	P	P	P	F	
81-38	Rios, Benjamin	P	F	F	F	F	A

ARCHITECTURAL EXAMINATIONS

5207

JUNE 16-17, 1981

ARCHITECTS-IN-TRAINING

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-077	Roberts, Judson A.	P	P	P	P	F	B
80-068	Rodriguez, Omar	P	F	P	F	F	C
79-9	Rodriguez, Tony F.	P	P	P	P	P	(A)
80-050	Rolnizky, Rony	P	P	P	P	P	(A)
81-60	Roumbos, Gus Dean	P	P	F	P	P	A,B,D (A)
81-51	Rumsey, Brian Frederick	P	P	P	P	P	A,B,C,D (A)
81-72	Saber, Glenn A.	P	P	P	P	P	(A)
80-03	Scaglione, Peter M.	P	P	P	P	F	
80-036	Schmitt, Michael Lee	F	P	P	P	F	
81-58	Sears, Matthew Wood	P	P	P	F	DNA	A,B,C
81-09	Sheely, William	P	P	P	P	P	A,B,C,D (A)
81-35	Simon, John Paul	P	P	P	P	F	A,B,C,D
80-037	Singer, Robert P.	P	P	P	P	P	(A)
81-61	Smith, John M.	P	F	F	F	F	A
80-052	Snedegar, James Mark	P	P	F	F	F	A,B
81-45	Staehle, Robert Alfred	P	P	P	P	P	A,B,C,D (A)
81-74	Stall, James Patrick	P	P	P	P	P	A,B,C,D (A)
80-039	Surgener, James Stephen	P	P	P	P	F	
81-17	Taylor, George Edward, Jr.	F	F	F	F	F	
81-55	Taylor, Mark C.	P	P	P	P	F	A,B,C,D
79-38	Taylor, William John	P	P	P	P	F	
81-43	Taylor, William Roger	P	P	P	P	P	A,B,C,D (A)
81-73	Thacker, Boyd H.	F	P	P	P	P	B,C,D (A)
77-6	Tilton, Webster, III	P	P	P	P	F	
81-23	Trinkaus, Clifford James					P	(A)
76-25	Uerkvitz, Kent J.	P	P	P	P	F	
81-13	Vandrovec, William J.	P	P	P	P	F	A,B,C,D
79-34	Veal, James W.	P	P	P	P	F	
81-71	Vehr, Paul A., III	F	F	P	P	F	C,D
80-042	Vernosky, Christian J.					P	(A)
76-9	Wagner, Paul Walter	P	P	P	P	P	(A)
81-47	Walsh, Paul L.	P	P	P	P	F	A,B,C,D
81-53	Webb, Mary McNerney	P	P	P	P	F	A,B,C,D
81-40	Westland, Gloria Y.	P	F	P	P	F	A,C,D

ARCHITECTURAL EXAMINATIONS

JUNE 16-17, 1981

ARCHITECT-IN-TRAINING

APP. NO.	NAME	QUALIFYING TEST				PROF. EXAM (A)-Design	PASSED JUNE 1980
		A	B	C	D		
80-076	Williams, Gregg Scott	P	P	P	P	P	(A)
78-22	Willis, Dennis Wayne	P	P	P	P	F	
*81-69	Wilson, David A.	P	P	P	P	P	A,B,C,D (A)
81-54	Worrall, Joseph H. III	P	P	P	P	F	A,B,C,D
81-20	Wretlind, Michael	P	P	P	P	F	A,B,C,D
*79-83	Wulf, Verner W.	P	P	P	P	P	(A)
79-84	Yanez, Raul Abelardo	P	P	P	F	F	

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STRUCTURAL ENGINEER

Inde, Glenn R. 13913

ARCHITECT-IN-TRAINING

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MOTION: It was moved by Mr. Nunn and seconded by Mr. Riggs that the following applicants have completed all requirements for registration and that registration be granted. Motion carried.

ARCHITECT

Anderson, Clark Lynn	13972
Anderson, Harold B.	13973
Barrass, Keith Richard	13974
Boehm, David P.	13975
Campbell, Gary Alan	13976
Fortney, Dorian Fey	13977
Foster, Donald Wayne	13978
Fredrikson, Douglas Wayne	13979
Hammervold, Robert J.	13980
Kilgore, Karl Manford	13981
King, Gary Duane	13982
Lusardi, Stanley Ray	13983
Mather-Boehm, Deborah K.	13984
Nickerson, Edwin Walter	13985
O'Leary, Michael Gary	13986
Paul, Eric Bradford	13987
Reuter, Thomas Eugene	13988
Shapiro, David Lawrence	13989
Siek, William Vincent	13990
Stroh, Douglas Donald	13991
Godfrey, Preston Noel	13993

ARCHITECT-IN-TRAINING

Bogott, Mark Lawrence	349
Bohning, Scott A.	350
Chonka, John	351
Click, Larry James	352
Coor, Robert Bryan	353
Franz, Richard David	354
Gallegos, Philip Robert	355
Harris, Jon McAllister	356
Hitchens, Gregory L.	357
Larsen, William F.	358
Lee, Dennis Gordon	359
Leibsohn, Eric	360
Ludwig, John Peter	361
Lutgendorf, Robert R.	362
Maher, Joseph S., Jr.	363
Mullins, Paul Michael	364
Murphy, Neil Egly	365

ARCHITECT-IN-TRAINING - Cont'd.

Pang, Yin Ka	366
Parks, Karyn A.	367
Price, Janice J.	368
Quinto, Elizabeth Falk	369
Rodriguez, Tony F.	370
Rolnizky, Rony	371
Rumsey, Brian Frederick	372
Sheely, William	373
Singer, Robert P.	374
Staehle, Robert Alfred	375
Stall, James Patrick	376
Taylor, William Roger	377
Wagner, Paul Walter	378
Williams, Gregg Scott	379
Wilson, David A.	380
Wulf, Verner W.	381

STRUCTURAL ENGINEER

Ihde, Glenn M.	13992
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State of Arizona
 BOARD OF TECHNICAL REGISTRATION
 ENFORCEMENT ADVISORY COMMITTEES PROCEDURES

05211
 05210

SUPPLEMENT # 1

Amend "A. General Procedures", #2 by inserting the following new language after the words and punctuation, "... as circumstances require.":

Further, in the event of a complaint involving more than one discipline, a joint committee composed of two members of each discipline involved and one public member shall be formed. The professional members shall be drawn from the appropriate committees or panels; the public member shall be selected from a committee or panel outside the disciplines involved in the complaint. Should the complaint involve a registered engineer, one of the two professional engineers chosen to serve on the joint committee shall be registered in the same branch as the respondent.



State of Arizona BOARD OF TECHNICAL REGISTRATION

05211

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

ENFORCEMENT ADVISORY COMMITTEES' PROCEDURES

September 1981

A. GENERAL PROCEDURES

1. An enforcement advisory committee will be established for each profession regulated by the Board. Committee members are appointed by the Board and serve at the pleasure of the Board.
2. The assayer, geologist, land surveyor and landscape architect committees will have four professional members and one public member. The architect committee will have four professional members and one building department member or one public member. The engineering committee panel assigned to an investigative file will have four professional members and one building department member or one public member; at least two members of the panel shall be registered in the same branch of engineering as the respondent. Each engineering committee panel will be drawn from a standing committee of engineers and nonprofessional members appointed by the Board to serve as circumstances require. To the extent feasible under the circumstances, the committees and panels will be geographically diverse.
3. Professional committee members will be nominated by Board members of that profession. Public and building department committee members will be nominated by the public Board member. The term "committee" used in these procedures refers to the engineering committee panel and the other standing professional committees.

4. Each committee will elect a chairman and secretary. The chairman will preside at committee meetings. A designated committee member will preside if the chairman is absent. The secretary will prepare the committee's preliminary findings and recommendations.
5. Each committee will review investigative files concerning registrants of that profession referred to the committee by the Board according to the procedures contained in this document.
6. The Board will appoint a Board member of the appropriate discipline to serve as liaison to each advisory committee. The Board member will be available by telephone to handle inquiries and other communications from committee members and meet with the committee quarterly to provide information concerning Board policies and procedures.
7. The Board's enforcement officer will attend each advisory committee meeting to provide administrative support and assistance to the committee.
8. Prior to considering any investigative file, each committee member will complete a "CONFLICT OF INTEREST QUESTIONNAIRE" (see Appendix A). If possible conflict of interest is indicated, the member should consult staff for instructions.

State Board of Technical Registration
Enforcement Advisory Committees' Procedures

05213

B. MEETINGS PROCEDURES

1. Advisory committee meetings will be noticed to the public as executive sessions concerning the review of confidential investigative files.
2. Committee meetings will be scheduled as workload requires but not less than six meetings each calendar year on the day of the month indicated below:

Third Wednesday	-	Architects
Second Tuesday	-	Assayers
Fourth Thursday	-	Engineers
Second Thursday	-	Geologists
Third Tuesday	-	Land Surveyors
Fourth Tuesday	-	Landscape Architects
3. Each committee will determine the location and time for meetings. To the extent feasible, meetings should be scheduled in state buildings.
4. Each committee member should make diligent effort to attend each committee meeting. If a member is required by other commitments to miss two (2) or more consecutive meetings, he should immediately notify the Board so that a replacement can be appointed.

State Board of Technical Registration
Enforcement Advisory Committees' Procedures

5. Each committee meeting will be tape-recorded. The tape will be kept until all the investigative files discussed at the meeting are closed, but not less than one year.

C. INTERVIEW PROCEDURES

1. The committee will review each investigative file to determine if any professional misconduct or deficiencies in violation of Board laws or rules may exist.
2. If the file is incomplete or needs further investigation, the committee will refer the file to staff with directions for further investigation. If the file indicates possible professional misconduct or deficiencies, the committee will schedule an interview with the registrant under investigation. If the file indicates no evidence of a violation of Board laws or rules, the committee will forward the file to the Board with the recommendation to close.
3. If the committee decides to interview the registrant, he will be notified in writing at least twenty (20) days prior to the interview of
 - a) The date, time and place of the interview
 - b) The informal nature of the proceedings

- c) His right to bring counsel or attend without counsel
 - d) A description of the matters to be discussed at the interview (include the complaint and investigative reports)
 - e) His right to a formal hearing before the Board
4. The registrant will be requested to respond in writing to the allegations contained in the complaint and investigative reports no later than ten (10) days before the interview. In his response, registrant should indicate whether he will be represented by counsel at the interview.
5. If the registrant will be represented by legal counsel at the interview, the Board's legal counsel will be so advised by staff and a copy of the complete investigative file will be immediately forwarded for his review and participation in the proceedings if other assignments permit.
6. The following procedure will apply at the registrant interview:
- a. The chairman will introduce the committee members and explain the procedure to be followed
 - b. Swear in registrant
 - c. Registrant opening comments

State Board of Technical Registration
Enforcement Advisory Committees' Procedures

- d. Committee members question the registrant
 - e. Registrant closing comments
 - f. Committee deliberations concerning preliminary findings and recommendations
7. The committee may interview other persons who have information concerning the matter under investigation prior to interviewing the registrant.
8. After the registrant's interview the committee will prepare written preliminary findings and settlement recommendations to the Board. The written report (see Appendix B) will include:
- a. Specific examples or incidents of professional misconduct or deficiencies
 - b. Specific settlement terms recommended by the committee which may include:
 - (i) revocation
 - (ii) suspension (period of time)
 - (iii) civil penalty (amount)
 - (iv) probation
 - peer review
 - practice restrictions
 - continuing education
 - other probation terms
 - (v) censure
 - c. If insufficient evidence of violations is found, the committee will recommend termination of the investigation

State Board of Technical Registration
Enforcement Advisory Committees' Procedures

- 9. The committee should take into account the seriousness of the violations, the extent of client or public injury, the economic size of the firm and other relevant aggravating and mitigating circumstances when making recommendations.
- 10. The interview will end if the registrant decides he no longer wishes to participate in the informal interview process.

Is direct competitor with the parties involved.

This person is an employee _____ Partner _____ Client _____
 Relative _____ Other _____ of _____

Other _____

I may have special knowledge of this matter which may prejudice my judgment.

State C-21-70

[Signature]



State of Arizona
 BOARD OF TECHNICAL REGISTRATION

5218

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

DATE: August 28, 1981
 TO: Julie Ross
 FROM: W. S. Roachman
 SUBJECT: CONFLICT OF INTEREST/BIAS

In accordance with A.R.S. Section 38-501 et seq., I declare that I may have a vested interest in the following matter and therefore have decided to abstain from voting, or otherwise participating, in same due to an apparent conflict of interest for the following reason(s):

- CONFLICT: In direct competition with the parties involved.
- This person is an employee _____ Partner _____ Friend _____
 Relative _____ Other _____ of mine.
- Other _____

BIAS: I may have special knowledge of this matter which may prejudice my judgment.

MATTER: *Route C 24-80*

Signed *W. S. Roachman*

This form, upon completion, will be incorporated into the minutes of the meeting.



State of Arizona
BOARD OF TECHNICAL REGISTRATION

Aug 28 Meeting

5219

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

DATE: Aug 28, 1981
TO: Judi Ross
FROM: Dr D'Bannon
SUBJECT: CONFLICT OF INTEREST/BIAS

In accordance with A.R.S. Section 38-501 et seq., I declare that I may have a vested interest in the following matter and therefore have decided to abstain from voting, or otherwise participating, in same due to an apparent conflict of interest for the following reason(s):

- CONFLICT: In direct competition with the parties involved.
- This person is an employee _____ Partner Friend _____
Relative _____ Other _____ of mine.
- Other _____

BIAS: I may have special knowledge of this matter which may prejudice my judgment.

MATTER: *Frontier C 24-80*

Signed

D. C. Bannon

This form, upon completion, will be incorporated into the minutes of the meeting.

REGULAR MEETING OF THE
ARIZONA STATE BOARD OF TECHNICAL REGISTRATION
SEPTEMBER 18, 1981

15220

AGENDA

The regular quarter-annual meeting of the State Board of Technical Registration was called to order by Wayne Earley, Chairman at 1:15 pm.

PRESENT: Wayne Earley, Chairman
Charles E. O'Bannon, Vice-Chairman
Jimmie R. Nunn, Secretary
Silas C. Brown, Member
Hector C. Durand, Member
Patricia J. Finley, Member
William S. Gookin, Member
Stewart R. Palmer, Member
John B. Riggs, Member

Gary L. Sheets, Asst. Attorney General
Judi E. Ross, Executive Director
Margaret E. Holmes, Administrative Secretary

Those present constituted a quorum.

1. Motion was made and carried to convene in Executive Session. At the conclusion of the Executive Session, the Board reconvened in Open Session.

2. READING OF MINUTES

It was moved by Dr. O'Bannon and seconded by Mr. Durand that the minutes of the Regular Meeting of June 5, 1981, be approved. Motion carried.

It was moved by Dr. O'Bannon and seconded by Mr. Palmer that the minutes of the Special Meeting of June 17, 1981, be approved. Motion carried.

3. REPORT OF RULES AND BY-LAWS COMMITTEE

Mr. Nunn reported on the progress that has been made on the Rules and By-laws. Ms. Ross stated that all copies of material that are being sent by interested groups and individuals to the office are being forwarded to both Gary Sheets and Dave Rivers. Mr. Earley requested a report from Mr. Sheets on the current status of the rules. Mr. Sheets discussed the progress that has been made and suggested a deadline be set for submittal of feedback from the professions and public in order that the fourth draft can be completed for submittal for printing. It was moved by Mr. Durand and seconded by Dr. O'Bannon that October 1st be implemented as the final date for submittal of all material from the various disciplines and the public for review. Motion carried.

4. REPORT OF THE LEGISLATIVE COMMITTEE

Mr. Palmer reported on the progress of the Legislative Committee. He stated that by early October a draft should be in circulation to the board members and professions. Mr. Durand commended Mr. Palmer on the excellent job he has done.

5. REPORT OF THE EVALUATION COMMITTEES

- A. Architectural Evaluation Committee "A" and "B"
Mr. Nunn moved that the Architectural Evaluation Committee's report be accepted and implemented as shown on p. 5227 of the minutes with the addition of two from the addendum. Second by Mr. Riggs. Motion carried.
- B. Landscape Architectural Evaluation Committee "C"
It was moved by Dr. O'Bannon and seconded by Mr. Durand that the Landscape Architectural Evaluation Committee report be accepted and implemented as shown on minute p 5229. Motion carried.
- C. Mr. Gary W. Rogers, Mechanical Engineer, 81-043
Mr. Rogers appeared before the Board to request a reconsideration of the result of the April 1981 written examinations. Mr. O'Bannon moved that staff recalculate the scores and if they are correct as previously reported, they be accepted. Mr. Palmer seconded the motion. Motion carried.
- C.3 S. Timothy Hopps, Civil Engineer, 80-484
Mr. Hopps requested a reconsideration of his registration based on Parts 1 and 2 of the written examination as it has been 23 years since he attended school and he believed his practical experience is in another field. Mr. O'Bannon stated that he was sympathetic to his situation but the Board will have to go by the grades. Mr. O'Bannon moved to reaffirm the failing grades. Ms. Finley seconded. Motion passed.
- C.4 James N. Warkowski, Mechanical Engineer, 80-623
Mr. Warkowski requested that the Board reconsider his registration for a waiver of Part 3 of the written examination as he has a problem passing tests when under a time schedule. It was moved by Dr. O'Bannon that the Board deny his request for waiver of Part 3 of the examination. Dr. O'Bannon stated that he was sorry about his problem, but that they would have to go with what was standard. Mr. Durand seconded it. Motion carried.
- C.5 It was moved by Dr. Bannon and seconded by Mr. Palmer that the Engineering, Geology and Land Surveying Committee's report of meetings be accepted and implemented as shown on minutes p 5230-5234. Motion carried.

6. REGISTRATION GRANTED

It was moved by Dr. O'Bannon and seconded by Mr. Durand that the applicants as shown on minute pages 5235 be granted registration. Motion carried.

7. REPORT ON THE PUBLIC INFORMATION COMMITTEE (Entire Board)

- A. Report of members' Nunn and Riggs and their attendance at the Annual Meeting of the National Council of Architectural Registration Boards in Hawaii on June 24-28, 1981. They both stated that some very worthwhile items were discussed at the meeting.
- B. Mr. Durand reported on the meeting in Tulsa, Okla., that he and Ms. Ross had attended.
- C. Mr. Earley discussed his attendance at the Annual Conference Clearinghouse on Licensure, Enforcement and Regulation in St. Louis, Mo., and stated that it was beneficial and he received a good deal of information. He recommended strongly that one or two staff should be attending these board meetings in the future. This was a very beneficial meeting and it was well worth his time.

8. REPORT OF THE EXECUTIVE DIRECTOR

Ms. Ross reported that we are not utilizing Ms. Bartak as we did formally in that we are distributing notices of our meetings ourself. We will be using her in writing some technical reports. We are not releasing any enforcement items to the news media until all items are completely closed. Due to the increased postage costs, we have cut down our mailings.

9. REPORT OF THE BUDGET COMMITTEE

Ms. Ross stated that the budget will be submitted to the executive budget office by October 1, 1981. She stated that she will be asking for two additional staff for enforcement and additional secretarial support. She stated that by hiring one more enforcement officer it will eliminate having to hire so many outside investigative people. Board members will receive completed copies of the budget.

10. REPORT OF THE EXECUTIVE DIRECTOR

Ms. Ross reported that the JLBC report has not been officially released but as soon as it is the Board will get a copy. She stated that it does not give us everything that we wanted. The JLBC proposed to give us six FTE's of which they will have recommended an investigator in the enforcement area but not the level of the proposed investigator Ms. Ross stated that she has asked for an investigative supervisor.

AUDITOR GENERAL'S REPORT

Ms. Ross stated that the field work is being written but she has not seen it. She reported that much of the nature of the report deals with the adoption of rules, not within a specific time period but that the Board must continue to show progress toward adoption of new rules. Ms. Ross received a request from the Chairman of the Oversight Committee requesting information on compliance with the former auditor general's report. Ms. Ross stated that she has responded and informed him that a second Auditor General's report has been completed and would be available.

ADVISORY COMMITTEE PROCEDURES

Ms. Ross stated that they are in force but we cannot appoint the committees until we get enough names. Ms. Ross stated that she has been sending letters to the professional societies with requests for names to serve on the committees.

Ms. Ross proposed two amendments to the Advisory Committee procedures as shown on Minutes Pages 21-31 and the exact wording she suggested should be left to Mr. Sheets with review by Ms. Finley.

1. On Minute P 5238, point A2 - "providing for alternates" - Mr. Sheets stated that his suggestion is that alternates is implicit in the process that it was not needed to be mentioned in the procedures.
2. Ms. Ross stated that there has been an ongoing problem when a complaint involves more than one discipline. She suggested that in such cases a joint committee composed of more than two members from each discipline concerned and one public member should be selected to hear the complaint. It was moved that a supplement to the procedures providing for such joint committees be adopted. Motion carried.

11. UNFINISHED BUSINESS

- A. Ms. Ross submitted a letter that was received from the law offices of Corbet and Eagleburger, Ltd., regarding land surveyor registration and testing which was tabled at the June 17, 1981 meeting. She requested permission to send reply as drafted. Permission was granted.
- B. Ms. Ross informed the Board that one of the applicants had requested that he be informed of the two individual scores instead of the one score that the National Council provides. She requested feedback from the Board as to the advisability of staff going back and handscoring all the engineers' exams even though it is a one-part exam. A motion by Dr. O'Bannon and second by Ms. Finley that we adopt a policy of not handscoring and use what National provides was made. Motion carried.

12. ENFORCEMENT

- (1) C05-79 BTR vs. Engineering Concepts, Inc.

Dr. O'Bannon moved that a notice of violation be sent and the case be closed. Second by Mr. Brown. Motion passed. Ms. Finley abstained.

- (2) C28-79 BTR vs. Massey's Engineering, Inc.

Dr. O'Bannon moved that the case be closed. Second by Ms. Finley. Motion passed.

- (3) C89-79 BTR vs. Mecco Engineering Company

Dr. O'Bannon moved that the case be closed. Second by Ms. Finley. Motion passed.

- (4) C98-79 BTR vs. Mylar Construction Company

Dr. O'Bannon moved that the case be closed. Second by Mr. Riggs. Motion passed.

- (5) C01-80 BTR vs. Sullivan & Masson, Inc.

Dr. O'Bannon moved that the case be closed. Second by Mr. Riggs. Motion passed.

- (6) C03-80 BTR vs. Alma Building Contractors

A motion by Dr. O'Bannon and second by Ms. Finley that the case be closed and an advisory letter be sent. Motion passed.

- (7) C04-80 BTR vs. Novikoff Engineers

A motion was made by Dr. O'Bannon and second by Mr. Riggs that the case be closed. Motion passed.

- (8) C05-80 BTR vs. R.G.A. Consulting Engineers

A motion by Dr. O'Bannon and second by Mr. Finley that the case be closed. Motion passed with Mr. Riggs declared conflict of interest.

- (9) C6-80 BTR vs. R.G.A. Consulting Engineers

A motion by Dr. O'Bannon and second by Mr. Riggs that we verify as to the principles of the firm being registered and then the case be closed. Motion passed.

- (10) C19-80 BTR vs. Jim Smets

Dr. O'Bannon moved that the case be returned to staff for further investigation as to principal being active in the firm. Second by Mr. Riggs. Motion passed.

- (11) C35-80 BTR vs. Vern Gill (dba G & S Engineering, Inc.)

Dr. O'Bannon moved that the case be closed, second by Mr. Riggs. Motion passed.

- (12) C41-80 BTR vs. David J. Ritchie

Dr. O'Bannon moved that the case be returned to staff for further investigation. Ms. Finley seconded and Mr. Riggs abstained. Motion passed.

- (13) C42-80 BTR vs. Ben Ong, Civil Engineer, No. 8437

Mr. Riggs moved that the case be closed. Ms. Finley second the motion. Motion passed with Dr. O'Bannon abstaining.

- (14) C47-80 BTR vs. Arizona State Electronics Assoc.

Dr. O'Bannon moved with Ms. Finley seconding, that the case be closed. Motion passed.

- (15) C54-80 BTR vs. Roger Palmenberg, Chemical Engineer, #10108

A motion to close the case was made by Dr. O'Bannon and seconded by Ms. Finley. Motion passed.

- (16) C56-80 BTR vs. Tri-Anddria Design Corporation, Inc.

Dr. O'Bannon moved that the case be returned to staff to investigate as to whether the principle is actually supervising the staff under him. Second by Mr. Riggs. Motion passed.

- (17) C60-80 BTR vs. Dean Frampton Ashworth

Moved that a copy of the current letterhead be obtained and if satisfactory the case be closed. Second by Ms. Finley. Motion passed.

- (18) C61-80 BTR vs. Engineering & Surveying of Arizona

Dr. O'Bannon recommended that the case be returned to staff for further investigation. Second by Mr. Riggs. Motion passed.

- (19) C62-80 BTR vs. Yellow Page Mining Consultants
Dr. O'Bannon moved that the case be closed. Second by Ms. Finley.
Motion passed.
- (20) C80-80 BTR vs. C. A. Berthot
Dr. O'Bannon moved that the case be closed. Second by Mr. Riggs.
Motion passed.
- (21) C84-80 BTR vs. Howard W. Phillips
Dr. O'Bannon moved that the case be closed. Second by Ms. Finley.
Motion passed.
- (22) C85-80 BTR vs. John T. Pela
Dr. O'Bannon moved that the case be closed. Second by Ms. Finley.
Motion passed.
- (23) C92-80 BTR vs. Gerald Sudbeck, Civil Engineer, #4382
Mr. Gookin moved that the case be closed. Second by Ms. Finley.
Dr. O'Bannon abstained. Motion passed.
- (24) C102-80 BTR vs. H & M Engineering
Dr. O'Bannon moved that the case be closed. Second by Ms. Finley.
Motion passed.
- (25) C2-81 BTR vs. Stephen E. Kelly
Dr. O'Bannon moved that a letter be sent asking for a copy of the
new letterhead and business card and if satisfactory, the case be
closed. Ms. Finley second it. Motion passed.

13. NEW BUSINESS

Mr. Snyder addressed the Board regarding the new rules and regulations. Mr. Snyder is Past Vice President of the Professional Land Surveyors. He distributed copies of the Professional Land Surveyors comments to the Board for insertion in Draft 4. Mr. Sheets requested Mr. Snyder review rule 262 which deals with land surveyor's experience and requirements and give the Board his input on the rule.

B. Future Meeting dates were announced by Ms. Ross for Board approval.

- October 8-9, 1981 - Re-evaluation of Land Surveying Applicants
- November 10, 1981 - Evaluation Committee Meeting in Tucson
- November 12, 1981 - Evaluation Committee Meeting in Phoenix
- November 19, 1981 - Evaluation Committee Meeting in Phoenix
- December 4, 1981 - Regular Meeting of the Board.

Dr. O'Bannon tendered an invitation from the Dean of Engineering at ASU for the Board to hold the December Regular Meeting at ASU. The Board accepted.

Approval was requested from the Board to renew the contract for the law clerk, David Rivers, for the period of September 1, 1981 - March 1, 1982, at the sum of seven dollars (\$7.00) per hour and not to exceed two thousand two hundred (\$2,200). Dr. O'Bannon moved that the contract with David Rivers be approved and Mr. Durand seconded the motion. Motion passed.

It was moved by Mr. Nunn and seconded by Mr. Durand that staff write a letter of thanks to NAU for their hospitality and help at our meeting. Motion passed.

Mr. Gookin discussed a registrant, Thomas J. Melcher, who has been registered in another state for 25 years but has never taken parts 1 & 2 and failed 3 & 4. The registrant would like to be licensed by reciprocity. Mr. Sheets informed the Board that we need to check what our rules were 25 years ago when the registrant was granted licensing in his state and, if the same we, should grant him registration.

It was moved and seconded that he be granted registration. Ms. Finley requested that the motion be tabled until staff can research and find out what rules were 25 years ago. Second by Mr. Durand. Motion passed.

ELECTION OF OFFICERS

Mr. Nunn nominated Dr. O'Bannon and it was second by Mr. Gookin that Dr. O'Bannon be elected the new chairman. Mr. Palmer moved that nominations be closed. Second by Mr. Durand. Motion passed. Dr. O'Bannon was elected.

Dr. O'Bannon moved that Mr. Nunn serve as Vice Chairman. Mr. Gookin seconded the motion and moved that the nominations be closed. Mr. Durand seconded the motion. Motions passed. Mr. Nunn was elected.

Mr. Riggs nominated Mr. Gookin as secretary with Mr. Palmer seconding. Mr. Durand nominated Mr. Earley for secretary but Mr. Earley declined. Mr. Durand then requested that it be declared unanimous ballot. Ms. Finley seconded. Motion passed.

Dr. O'Bannon commended Mr. Earley for work, as Chairman, over and beyond the call of duty. Mr. Gookin moved that a plaque be given to Mr. Earley in appreciation. Second by Mr. Durand. Motion passed.

Dr. O'Bannon moved that the meeting be adjourned. Second by Ms. Finley. Motion passed.

TO: Board of Technical Registration
FROM: Architectural Evaluation Committee "A" and "B"
SUBJECT: Evaluation of Applicants

The Architectural Evaluation Committee B met on August 13, 1981, in Phoenix, Arizona, and Committee A met on August 18, 1981, in Tucson, Arizona, with the following members present:

August 13, 1981 - Jimmie Nunn and C. E. O'Bannon
August 18, 1981 - John B. Riggs, Hector Durand and Stewart R. Palmer

1. The following applicants 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, and are hereby recommended for registration:

Aday, Ronald Troy	81-399	Phillips, Howard William	81-489
Blackburn, Thair Henry	81-398	Pope, Robert Lee	81-429
Branch, Kenneth Gordon	81-377	Rasmussen, Larry Neil	81-507
Briggs, Terry Lee	81-415	Reese, Wade Hoyt	81-391
Brumm, William Henry	81-496	Rupp, Sigrid	81-376
Carter, J. Scott	81-605	Scheatzle, David G.	81-379
Charlan, Charles Langley	81-389	Schonberg, Stephen	81-449
Colbourn, Robert Arthur, Jr.	81-333	Shea, David Andrew III	81-510
Custer, Philip Edwin	81-431	Skibitzke, Edward Paul	81-290
Daniels, Stephen H.	81-278	Simanek, Joseph Frank	81-392
DeLorenzo, Edward Patrick	81-557	Small, Stephen Jay	81-292
Denney, Roy Lumpkin, Jr.	81-355	Sperr, Douglas Charles	81-396
Ginsberg, Barrett Allen	81-530	Strachan, David Michael	81-538
Glarborg, Per Vagn	80-641	Thomas, Michael A.	81-430
Hostetler, Ernest M. III	81-390	Traylor, Charles Ralph, Jr.	81-593
Jacoby, Harvey	81-606	Weaver, Conley S.	81-448
Langfoss, Dale Einer	81-471	Werner, Paul Michael	81-555
Larsen, Richard John	81-378	Wilson, Carlton Calvin	81-472
McBeth, Merlin L.	81-607	Wyatt, Michael Jay	81-187
McMahon, William Preston	81-397	Zajfen, Leopold P.	81-256
Maloof, Louis Nassir	81-375	Zmistowski, V. William, Jr.	81-539
Morris, William Fred	81-394	Zrmack, Fred E.	81-150
Pecsok, John Gilbert	81-356		

2. The following applicant is hereby recommended for registration upon receipt of verification that he has passed Section B-Professional examination in the State of California:

Rolnizky, Rony 81-321

2. The following applicants 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, 1981, and June, 1982:

Anderson, Douglas Allen	81-323	Prof. Exam/Section A,B
Dounay, Kent Douglas	81-488	Qualifying Exam A,B, Prof. Exam/B after passing Qualifying Exam
Knapp, Richard Alan	81-302	Prof. Exam/Section A,B
Mayer, Clifford Wm.	81-270	Prof. Exam/Section A
Moson, Frank Bennett III	81-331	Prof. Exam/Section A,B
Pashkowski, Geoffrey Lynn	81-482	Prof. Exam/Section B
Searl, David Russell	81-345	Prof. Exam/Section A,B
Stanley, Edward Michael	81-289	Prof. Exam/Section A,B

3. The following applicants should be denied registration for failure to complete the requirements of the Board within a reasonable length of time:

Ahern, Lawrence P.	79-40	AIT
Brookfield, Ronald G.	78-209	Architect
Brooks, John Lynn	78-718	Architect
Case, Phillip D.	79-207	Architect
Coombs, Vivien Paternayan	78-2	AIT
Davis, Patrik Howard	79-53	AIT
Frisina, Frank P.	74-71	AIT
Gray, Kathleen Scott	79-59	AIT
Jacobs, Tom S.	79-62	AIT
Kaneko, Yoshimasa	79-18	AIT
Lort, Joseph McCrea, Jr.	79-303	Architect
Limmer, Mitchell	79-7	AIT
Martinez, Anastacio	79-69	AIT
Maurer, James William	78-42	AIT
Mitz, Debra	79-23	AIT
Shannon, Mark H.	79-76	AIT
Uhler, Michael F.	79-33	AIT
Vartanian, Henrik	79-81	AIT
Ward, Thomas E.	81-81	AIT

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

The Landscape Architectural Evaluation Committee C met August 25, 1981, in Phoenix, Arizona with the following present:

August 25, 1981 - Wayne O. Earley, William S. Gookin

- 1. The following applicants, 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 recommended for registration:

Hagedorn, Stephen W. 81-387
Hensley, James Henry II 81-395
Lidyoff, Mike Alex 81-432

- 2. The following applicants 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 in June, 1982:

Campbell, Donald Roger 81-359 Parts B,D
Shadley, Richard Errol 81-358 Parts A,B,C,D (Exp. to be updated by 3/82)

- 3. The following applicant should be denied registration for failure to complete the requirements of the Board within a reasonable length of time:

Millican, Alvin M., Jr. 81-143

Boertad, Ted Alan 81-223
Boachman, Wilbur L. 81-261
Bart, Robert Kenneth 81-457
Call, Charles W., Jr. 81-388
Casey, Edward Francis 81-578
Cowan, Donald William 81-419
Evans, Larry Craig 81-407
Galt, Eugene J. 81-437
Edmondson, Samuel Allen 81-368
Gentert, Lee Charles 81-387
Hutton, Gary Allan 81-478
Hill, Joseph Russell 81-361
Horton, Tony Ernest 81-411
Hudson, Larry S. 81-273
Kastaniotis, Constantine A. 81-369
Kilgovern, Michael Charles 81-312
Kane, John Edward 81-127
Kane, James Franklin 81-208
Lutz, Ralph William 81-500
Patterson, Nicholas Lee 81-585
Reynolds, Robert Fitzwaga 81-348
Sullivan, Paul Maurice 81-257
Singer, Henry Arlo 81-104
Tustin, Gerald Elton 81-426
Wicks, John Wayne 81-384
Wenzel, Louis John, Jr. 81-393
Wright, Richard J. 81-488
Wynicki, Robert Lee 81-131
Zimm, Gayle Richard 81-381
Zimm, William H. 81-261
Wright, John James 81-511
Wright, Thomas S. 81-488
Wright, John James 81-254
Wright, John James 81-511

TO: Board of Technical Registration

FROM: Engineering, Geology and Land Surveying Committees "A" "B" and "C"

SUBJECT: Evaluation of Applicants

The Committees met on August 13 and 25, 1981, in Phoenix, Arizona, and on August 18, 1981 in Tucson, Arizona, with the following present:

August 13, 1981 - C. E. O'Bannon and Jimmie Nunn
 August 18, 1981 - Stewart R. Palmer, Hector Durand and John B. Riggs
 August 25, 1981 - William S. Gookin and Wayne O. Earley

1. The following applicants, 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:

CHEMICAL ENGINEERING

Buhr, Heinrich Otto 80-848
 Leimkuehler, Kenneth C. 81-316
 Ringstrom, John D. 81-526

CIVIL ENGINEERING

Adair, Francis E. 81-484
 Amon, Elmer Thomas 81-227
 Ball, Delmore Thurlow 81-511
 Bernhard, Lynn Jeffrey 81-502
 Berriz, Armando Albert 81-309
 Bieghle, George David 81-444
 Bierweiler, Robert Andrew 81-366
 Blair, Steve Hunter 81-422
 Bollschweiler, David Wallace 81-340
 Borstad, Ted Alan 81-229
 Boschman, Wilmar L. 81-347
 Boyd, Robert Herschel 80-652
 Call, Charles H., Jr. 81-082
 Casey, Edward Francis 81-578
 Conroy, Donald William 81-419
 Davis, Larry Craig 81-407
 Eder, Leonard J. 81-037
 Edmondson, Samuel Allen 81-368
 Gehlert, Lynn Charles 81-287
 Hester, Gerry Allen 81-410
 Hill, Joseph Russell 81-351
 Hixson, Tommy Earnest 81-481
 Horsman, Larry C. 81-273
 Kostantakos, Konstantinos A. 81-169
 McGovern, Michael Charles 81-342
 Muse, John Edward 81-437
 Nims, James Franklyn 81-209
 Ohm, Ralph William 81-500
 Presecan, Nicholas Lee 81-585
 Reynolds, Robert Kittredge 81-348

CIVIL ENGINEERING -Cont'd.

Rogers, Cranston Robinson 81-468
 Rubeinstein, Allen Martin 81-525
 Russell, Robert Rush 81-428
 Shea, James Francis 81-369
 Shields, Paul Gregory 81-308
 Shiosaka, Daniel Ray 81-426
 Solliday, Charles William 81-335
 Sweeney, Robert Michael 81-315
 Thompson, William James 81-304
 Tsern, John Feng 81-226
 Underwood, John Martin 81-341

ELECTRICAL ENGINEERING

Anderson, Paul Maurice 81-413
 Barron, Frederick Joseph 81-357
 Burger, Henry Arlo 81-164
 Fenton, Ernest Elton 81-436
 Hicks, John Wayne 81-456
 Kreusel, Louis John, Jr. 81-353
 Miller, Richard J. 81-493
 Puckett, Robert Lee 81-197
 Thomas, David Michael 81-354
 Weber, Wolfgang H. 81-263

GEOLOGIST

Benham, Jack Luther 81-451
 McCain, Richard G. 80-800
 Sharpe, John Innes 81-364

INDUSTRIAL ENGINEERING

Dixon, John Redmon 81-527

1. Continued.....

LAND SURVEYOR

Christy, John Whitton	81-311
Dumas, George Nicholas	81-250
Frye, Richard Terry	81-180
Gillaspy, William Clifford	81-485
King, Harlan Keith	81-409
Luke, James Harold	81-089
Quist, James Leroy	81-408

MECHANICAL ENGINEERING

Barham, Rodney Everett	81-326
Bonar, Henry Bascom II	81-360
Caspe, Gerald J.	81-461
Forare, William Douglas	81-516
Gord, David Willard	81-381
Hoomani, Hank Gholi	81-199
Jones, Dale Gordon	81-007
Lange, Willard Anthony	81-452
Mages, Alfonso Andrew Jr.	81-269
Moy, George	81-267
Phillips, John Joseph, Jr.	81-298
Rohlin, William F.	81-107
Sullivan, Lawrence P. III	81-412
Wallen, Phillip J.	81-457
Williams, Gordon Bretnell	81-462
Windley, J. K.	81-382

MINING ENGINEERING

Drinkhouse, David Frank	81-371
Marston, William Thomas	81-490

SANITARY ENGINEERING

Curtis, David Richard	81-370
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STRUCTURAL ENGINEERING

Bastidas, Carlos P.	81-445
Brockette, Joe Francis	81-254
Chryst, David L.	81-440
Cooper, Robert Edward	81-464
Creager, William Bronson	81-349
Englekirk, Robert Eugene	81-102
Hahn, Gerhard	81-491
Halvorson, Robert Alfred	81-425
Holmes, Samuel M.	81-305
Nagel, John David	81-442
Pappas, Anastasios	81-404
Pinkham, Clarkson Wilfred	81-307
Rogers, Kent Raymond	81-365
Scherschel, David Joseph	81-344
Varga, Joseph Edwin	79-829

2. The following applicants 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:

CIVIL ENGINEERING

Barr, James Norman	81-317	Parts 3 and 4
Bowers, Mark Thomas	81-474	Parts 3 and 4
Bruder, Thomas D.	81-423	Parts 3 and 4
Buchli, David J.	81-420	Parts 3 and 4
Carroll, Elsie Cecilia	81-479	Parts 1, 2, 3 and 4
Caruso, Thomas Charles	81-513	Parts 1, 2, 3 and 4
Chehovits, James George	81-367	Parts 3 and 4
Daru, John Leslie	81-438	Parts 3 and 4
Dotson, David Dell	81-337	Parts 3 and 4
Gonzalez, Jose L.	81-336	Parts 1, 2, 3, and 4
Havill, Michael Richard	81-483	Parts 3 and 4
Hoppe, Richard Bernard	81-478	Parts 3 and 4
Mages, Alfonso Andrew, Jr.	81-280	Parts 3 and 4
Morse, Robert Laurence	81-204	Parts 3 and 4
Osmolski, Zbigniew	81-402	Parts 1, 2, 3 and 4
Vana, Bruce Douglas	81-374	Parts 3 and 4
Vesecky, Peter	81-467	Parts 3 and 4
Zinsmeister, Herbert F., Jr.	81-095	Parts 3 and 4

2. Continued.....

ELECTRICAL ENGINEERING

Bonar, Henry Basom II	81-361	Parts 3 and 4
Hatley, Frederick Fincher	81-459	Parts 1, 2, 3 and 4
Spear, Gerald Edward	81-042	Parts 3 and 4

INDUSTRIAL ENGINEERING

Gershon, Mark Elliot	81-312	Parts 3 and 4
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MECHANICAL ENGINEERING

Lowery, Robert Paul	81-386	Parts 3 and 4
Meyers, Scott Clarence	81-565	Parts 3 and 4
Milligan, David Collins	81-142	Parts 1, 2, 3 and 4
Ott, Robert Joseph	81-324	Parts 3 and 4
Stover, John S.	81-401	Parts 3 and 4
Wijatyk, Ihor George	81-469	Parts 3 and 4

MINING ENGINEERING

Bohnet, Ernest Larry	81-417	Parts 1, 2, 3 and 4
Schmidt, Richard Arthur	81-372	Parts 3 and 4

NUCLEAR ENGINEERING

Parker, Steven Ray	81-439	Parts 1, 2, 3 and 4
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STRUCTURAL ENGINEERING

Tolle, James Marion	81-350	Parts 5 and 6
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GEOLOGY

Bales, James T., Jr.	81-181	Parts 3 and 4
Soper, Donald Arthur	81-520	Parts 1, 2, 3 and 4

3. The following applicants were reviewed by 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, indicating the number of years needed:

CIVIL ENGINEER

Stufflebean, John Edward	81-288	1 year
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GEOLOGIST

Goss, Marvin L.	80-492	4 years
DeGroot, Robert Lawrence	81-093	4 years (apply for GIT)
Oppenheimer, Joan M.	81-94	2½ years (apply for GIT)

LAND SURVEYORS

Benitez, Richard	81-206	4 years
Hughes, Gerald David	81-208	1 year
Sinohui, Ernest Armando	81-017	3 years

ASSAYER

Mellen, Roger Stuart	81-274	2 years
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- 3. The following applicants should be denied registration for failure to complete the requirements of the Board within a reasonable length of time:

Harrison, John R.	81-038	Civil Engineer
Hayes, William J.	80-695	Civil Engineer

- 4. The following applicants should be denied registration with neither prejudice nor refund at their own request:

Garrett, William Bruce	81-346	Mechanical Engineer
Guice, Harvey Hamilton	80-713	Mechanical Engineer
Powell, Robert Leslie	80-724	Civil Engineer
Quimby, Harold Laverne	81-05	Structural Engineer

- 5. Mr. Gary L. Hanna, Land Surveyor applicant, who was denied for insufficient experience at the June 5, 1981, Board meeting appealed to the Committee for re-evaluation of his experience. The Committee recommends the Board reaffirm its previous action of denial.

- 6. Mr. Ramon Umashankar, Electrical Engineer, who was held for the written examinations at the June 5, 1981, Board meeting requested waiver of the written examination. The Committee recommends the Board reaffirm its previous action of holding him for Parts 3 and 4 of the written examination.

- 7. Mr. Michael Angelo Zappia, Mining Engineer, who was held for the written examinations at the June 5, 1981, Board meeting requested waiver of the written examination. The Committee recommends the Board reaffirm its previous action of holding him for Parts 3 and 4 of the written examination.

- 8. Mr. Herbert F. Zinsmeister, Jr., Civil Engineer, who was held for the written examinations at the June 5, 1981, Board meeting requested waiver of the written examination. The Committee recommends the Board reaffirm its previous action of holding him for Parts 3 and 4 of the written examination.

- 9. The Committee recommends full Board review of the following applicants:

Banerjee, Hironmoy	81-297	Electrical Engineer
Robeson, Victor Eugene	81-416	Electrical Engineer
Wallace, Barton B., Jr.	81-460	Mechanical Engineer

- 10. The Committee recommends full Board discussion regarding applicants being excused from Parts 1 and 2 of the written examination based upon legal advice received.

Turnley, Ben	81-111	ET
Deshmukh, James	80-126	ET
Tecoma, Santos	80-119	ET
Waters, Charles Edward	80-119	Structural Engineer
White, Robert E.	79-112	ET
Worley, James Michael	81-117	ET

11. The following applicants should be denied registration for failure to appear for the written examinations and complete the requirements of the Board within a reasonable length of time:

Altman, Billy S.	80-021	EIT
Andognini, G. Carl	80-653	Nuclear Engineer
Asaud, Samuel	80-436	Structural Engineer
Barghout, Hani	80-135	EIT
Barnes, Paul Oliver	78-485	Electrical Engineer
Bilezikian, Daniel Ashod	80-173	EIT
Buckley, Terry Vernon	76-585	Civil Engineer
Canez, Juan Luis, Jr.	80-032	EIT
Casey, Dennis Charles	79-138	EIT
Daily, Michael Dennis	77-14	EIT
Daniel, Larry	78-98	EIT
Dixon, Sharon A.	79-199	EIT
Donovan, Michael J.	80-233	EIT
Fistler, Merle Levi	80-185	Structural Engineer
Fredrickson, Stanley A.	80-535	Electrical Engineer
Fritz, Dennis E.	80-180	EIT
Fung, Sunny Yuk-Sang	81-147	EIT
Glidden, Roger Dale	80-564	Civil Engineer
Gyongya, George Edwin	79-796	Civil Engineer
Hiltman, Robert Charles	80-447	Electrical Engineer
Hoffarth, Richard C.	72-599	Mechanical Engineer
Ishii, William Rin	78-245	Mechanical Engineer
Kusovska, Diane	80-115	EIT
Long, Michael Roy	80-516	Geologist
McCabe, Douglas Jay	80-003	EIT
Mahaley, Robert Lynn	79-614	Structural Engineer
Martin, Stephen A.	80-242	EIT
Mellinger, Mark Charles	80-238	EIT
Minichiello, Thomas	79-106	Civil Engineer
Owen, Robert Lawson	80-486	Civil Engineer
Peters, Herbert	79-435	Electrical Engineer
Phillips, Jeff C.	80-138	EIT
Ratay, Robert T.	80-616	Structural Engineer
Reiter, William Anthony	76-536	Electrical Engineer
Rendek, Peter M.	80-148	EIT
Rockne, Brian A.	80-162	EIT
Schmidt, Aida	80-216	EIT
Semon, Bonnie L.	80-134	EIT
Silecky, Victor D.	81-099	EIT
Sims, Michael Ray	80-024	EIT
Skufca, Ellen	80-241	EIT
Strouse, David Frank	72-542	Highway Engineer
Sundling, Walter	80-835	Civil Engineer
Tapia, Manuel	80-181	EIT
Tornberg, Ron	81-129	EIT
Umashankar, Ramon	80-126	EIT
Vasquez, Santos	80-218	EIT
Waters, Charles Edward	80-109	Structural Engineer
White, Robert A.	79-152	EIT
Worley, James Michael	81-139	EIT

GRANTED REGISTRATION

ARCHITECT

Aday, Ronald Troy	13994
Blackbury, Thair Henry	13995
Branch, Kenneth Gordon	13996
Bridgers, Carl Hamrick	13997
Briggs, Terry Lee	13998
Brumm, William Henry	13999
Carter, J. Scott	14000
Charlan, Charles Langley	14001
Colbourn, Robert Arthur Jr.	14002
Custer, Philip Edwin	14003
Daniels, Stephen H.	14004
DeLorenzo, Edward P.	14005
Denny, Roy Lumpkin Jr.	14006
Ginsberg, Barrett Allen	14007
Glarborg, Per Vagn	14008
Hostetler, Ernest M. III	14009
Jacoby, Harvey	14010
Kilbane, Terry Lee	14011
Langfoss, Dale Einer	14012
Larsen, Richard John	14013
McBeth, Merlin L.	14014
McMahon, William Preston	14015
Maloof, Louis Nassir	14016
Morris, William Fred	14017
Pecsok, John Gilbert	14018
Phillips, Howard William	14019
Pope, Robert Lee	14020
Rasmussen, Larry Neil	14021
Reese, Wade Hoyt	14022
Ronlizky, Rony	14023
Rupp, Sigrid	14024
Scheatzle, David G.	14025
Schonberg, Stephen	14026
Shea, David Andrew III	14027
Skibitzke, Edward Paul	14028
Simanek, Joseph Frank	14029
Small, Stephen Jay	14030
Sperr, Douglas, Charles	14031
Strachan, David Michael	14032
Thomas, Michael A.	14033
Traylor, Charles Ralph, Jr.	14034
Weaver, Conley S.	14035
Werner, Paul Michael	14036
Wilson, Carlton Calvin	14037

ARCHITECT (CONT'D)

Wyatt, Michael Jay	14038
Zajfen, Leopold P.	14039
Zmistowski, V.W. Jr.	14040
Zrmack, Fred E.	14041

LANDSCAPE ARCHITECT

Abell, James	14146
Biasini, Stephen	14147
Dahmen, Robert C.	14148
Darby, Gordon	14149
Emery, Katherine	14150
Hagedorn, Stephen W.	14042
Hensley, James Henry II	14043
Hines, Michael	14151
Jokerst, Dennis	14152
Landon, Ronald	14153
Lara, Luis, Jr.	14154
Lidyoff, Mike Alex	14044
Tumer, Savas	14155

CHEMICAL

Buhr, Heinrich Otto	14045
Leimkuehler, Kenneth C.	14046
Ringstrom, John D.	14047

CIVIL

Adair, Francis E.	14048
Amon, Elmer Thomas	14049
Ball, Delmore Thurlow	14050
Bernhard, Lynn J.	14051
Berriz, Armando A.	14052
Bieghle, George David	14053
Bierweiler, Robert A.	14054
Blair, Steve Hunter	14055
Bollschiweiler, D. W.	14056
Borstad, Ted Alan	14057
Boschman, Wilmar L.	14058
Boyd, Robert H.	14059
Call, Charles H., Jr.	14060
Casey, Edward Francis	14061
Conroy, Donald William	14062
Davis, Larry Craig	14063
Eder, Leonard J.	14064
Edmondson, Samuel A.	14065
Gehlert, Lynn Charles	14066
Hester, Gerry Allen	14067
Hill, Joseph Russell	14068
Hixson, Tommy Ernest	14069
Horsman, Larry C.	14070
Konstantakos, K.A.	14071
McGovern, Michael C.	14072

CIVIL (CONT'D)

Muse, John Edward	14073
Nims, James Franklyn	14074
Ohm, Ralph William	14075
Presecan, Nicholas Lee	14076
Reynolds, Robert K.	14077
Rogers, Cranston R.	14078
Rubenstein, Allen Martin	14079
Russell, Robert Rush	14080
Shea, James Francis	14081
Shields, Paul Gregory	14082
Shiosaka, Daniel Ray	14083
Solliday, Charles William	14084
Sweeney, Robert Michael	14085
Thompson, William James	14086
Tsern, John Feng	14087
Underwood, John Martin	14088

ELECTRICAL

Anderson, Paul Maurice	14089
Barron, Frederick Joseph	14090
Burger, Henry Arlo	14091
Fenton, Ernest Elton	14092
Hicks, John Wayne	14093
Kreusel, Louis John Jr.	14094
Miller, Richard J.	14095
Puckett, Robert Lee	14096
Thomas, David Michael	14097
Weber, Wolfgang H.	14098

GEOLOGIST

Benham, Jack Luther	14099
McCain, Richard G.	14100
Sharpe, John Innes	14101

INDUSTRIAL

Dixon, John Redmond	14102
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LAND SURVEYOR

Christy, John Whitton	14103
Dumas, George Nicholas	14104
Frye, Richard Terry	14105
Gillaspy, William C.	14106
King, Harlan Keith	14107
Luke, James Harold	14108
Quist, James Leroy	14109

MECHANICAL

Barham, Rodney Everett	14110
Bonar, Henry Bascom II	14112
Caspe, Gerald J.	14113
Forare, William Douglas	14114
Gord, David Willard	14115
Hoomani, Hank Gholi	14116
Jones, Dale Gordon	14117
Lange, Willard Anthony	14118
Mages, Alfonso Andrew Jr.	14119
Moy, George	14120
Phillips, John Joseph Jr.	14121
Rohlin, William F.	14122
Sullivan, Lawrence P. III	14123
Wallen, Phillip J.	14124
Williams, Gordon Bretnell	14125
Windley, J.K.	14126

MINING

Drinkhouse, David Frank	14127
Marston, William Thomas	14128

SANITARY

Curtis, David Richard	14129
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STRUCTURAL

Bastidas, Carlos P.	14130
Brockette, Joe Francis	14131
Chryst, David L.	14132
Cooper, Robert Edward	14133
Creager, William Bronson	14134
Englekirk, Robert Eugene	14135
Hahn, Gerhard	14136
Halvorson, Robert Alfred	14137
Holmes, Samuel M.	14138
Nagel, John David	14139
Pappas, Anastasios	14140
Pinkham, Clarkson W.	14141
Rogers, Kent Raymond	14142
Scherschel, David Joseph	14143
Varga, Joseph Edwin	14111

ENGINEER-IN-TRAINING

Drago, James J.	2497
Acuna, Jose H.	2498
Schoen, Harry P. III	2499
Beehler, Michael E.	2500
Boren, Victor A.	2501
Geesing, Michael J.	2502
Baker, Vernon E.	2503
Small, Kurt Allen	2504
Silva, Michael C.	2505
Kenyon, Theodore R.	2506
Sutter, Timothy C.	2507
Edwards, Alan R.	2508
Bruflat, Steve I.	2509
Keppler, Karl J.	2510
Ronald, Hugh D.	2511
Acuna, Raymond U.	2512
Beaver, Martha L.	2513
Dolan, Brian Francis	2514
Ensign, Timothy T.	2515
Fort, Robert T.	2516
Hines, James H. Jr.	2517
Kondziolka, Robert Eric	2518
Lesinski, Henry M.	2519
Marti, Kevin	2520
Mueller, Michael H.	2521
Rieffer, David	2522
Sadrisabet, Mehrad	2523
Scott, Brian M.	2524
Sheber, Thomas James	2525
Stave, Karl D.	2526

LANDSCAPE ARCHITECTS IN-TRAINING

Armstrong, David	26
Conway, William	27
Drake, Galan	28
Johnson, Gregory	29
Scharf, Eric	30
Schonfeld, Richard	31