

CR 94-173

CERTIFICATE

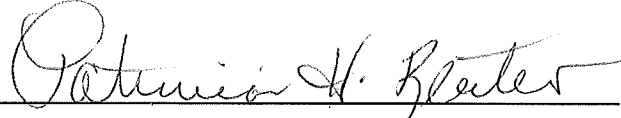
**STATE OF WISCONSIN
DEPARTMENT OF REGULATION AND LICENSING**

TO ALL WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Pat Reuter, Director, Bureau of Business and Design Professions in the Wisconsin Department of Regulation and Licensing and custodian of the official records of the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors, do hereby certify that the annexed rules were duly approved and adopted by the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors on the 6th day of April, 1995.

I further certify that said copy has been compared by me with the original on file in this office and that the same is a true copy thereof, and of the whole of such original.

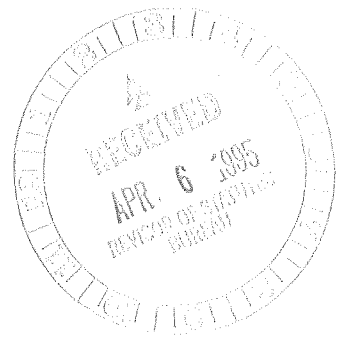
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the board at 1400 East Washington Avenue, Madison, Wisconsin this 6th day of April, 1995.


Pat Reuter, Director, Bureau of Business and Design Professions, Department of Regulation and Licensing



6-1-95

STATE OF WISCONSIN
EXAMINING BOARD OF ARCHITECTS, LANDSCAPE ARCHITECTS,
PROFESSIONAL GEOLOGISTS, PROFESSIONAL ENGINEERS,
DESIGNERS AND LAND SURVEYORS



IN THE MATTER OF RULE-MAKING : ORDER OF THE
PROCEEDINGS BEFORE THE : EXAMINING BOARD OF ARCHITECTS,
EXAMINING BOARD OF ARCHITECTS, : LANDSCAPE ARCHITECTS, PROFESSIONAL
LANDSCAPE ARCHITECTS, : GEOLOGISTS, PROFESSIONAL ENGINEERS,
PROFESSIONAL GEOLOGISTS, : DESIGNERS AND LAND SURVEYORS
PROFESSIONAL ENGINEERS, : ADOPTING RULES
DESIGNERS AND LAND SURVEYORS : (CLEARINGHOUSE RULE 94-173)

ORDER

An order of the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors to amend A-E 1.02 (intro.), (1) and (3), 1.03 (2) (a), 2.01, 2.02 (1), (2), (4) and (6), 2.03 (1) (a) and (b), 8.02, 8.03 (intro.), (1), (2) (intro.), (2) (a), (3) (intro.), (3) (a), (5) (d) and (e), 8.04 (intro.), 8.05 (1) (intro.), 8.06 (intro.), 8.07, 8.08 (intro.), 8.09, 8.10 (1) and (3) and 8.11 (3); and to create A-E 2.03 (2) (e) and (f) and chapters A-E 9 and 10 relating to the education, experience and examination requirements for registration as a landscape architect and as a professional geologist.

Analysis prepared by the Department of Regulation and Licensing.

ANALYSIS

Statutes authorizing promulgation: ss. 15.08 (5) (b), 227.11 and ch. 443, Stats.

Statutes interpreted: ss. 443.01 (3g), (3r), (6k) and (7e), 443.035 and 443.037, Stats.

In this proposed rule-making order, the Examining Board of Architects, Landscape Architects, Professional Geologists, Professional Engineers, Designers and Land Surveyors implements the provisions of 1993 Wisconsin Acts 463 and 465, which created the Landscape Architects and Professional Geologists sections of the board.

1) Amendments to chs. A-E 1, 2 and 8 merely add landscape architects and professional geologists to those provisions affecting all sections of the board.

2) Sec. 443.035 (1), Stats., requires that an applicant for registration as a landscape architect have "practical experience in landscape architecture of a character satisfactory to the examining board." Sec. A-E 9.03 defines that term.

3) Sec. 443.035 (1) (a), Stats., requires that an applicant for registration as a landscape architect have a bachelor's degree or a master's degree in landscape architecture from a curriculum approved by the examining board. Sec. A-E 9.04 defines approved curricula.

4) Sec. 443.09 (4m), Stats., requires an applicant for registration as a landscape architect to sit for examinations. Sec. A-E 9.05 defines the required examinations and the examination procedure.

5) A-E 9.06 sets forth required application contents for registration as a landscape architect.

6) Sec. 443.037 (2), Stats., requires that an applicant for registration as a professional geologist have "professional experience in geologic work of a character satisfactory to the examining board." Sec. A-E 10.03 defines that term.

7) Sec. 443.037 (1), Stats., requires that an applicant for registration as a professional geologist have a bachelor's degree in geology or with a geology major from a college or university approved by the examining board. Sec. A-E 10.04 defines approved colleges and universities.

8) Sec. 443.09 (5), Stats., requires an applicant for registration as a professional geologist to sit for examinations. Sec. A-E 10.05 defines the required examinations, requirements for entrance to the examinations, and the examination procedure.

9) A-E 10.06 sets forth required application contents for registration as a professional geologist.

TEXT OF RULE

SECTION 1. A-E 1.02 (intro.), (1) and (3) are amended to read:

A-E 1.02 DEFINITIONS. (intro.) In chs. A-E 1 to 8 10:

(1) "Board" or "joint board" means the examining board of architects, landscape architects, professional geologists, professional engineers, designers and land surveyors.

(3) "Section of the board" means either the architect section, the landscape architect section, the professional geologist section, the professional engineer section, the designer section or the land surveyor section.

SECTION 2. A-E 1.03 (2) (a) is amended to read:

A-E 1.03 (2) RULES COMMITTEE. (a) Composition. The rules committee of the board is comprised of one member from each section and ~~2~~ 3 public members. The board chair shall appoint the ~~2~~ 3 public members from any of the ~~4~~ 6 sections of the board.

SECTION 3. A-E 2.01 is amended to read:

A-E 2.01 PURPOSE. The purpose of rules in this chapter is to specify general requirements and procedures which apply to all ~~4~~ 6 sections of the board. Requirements specific to architects, landscape architects, professional geologists, professional engineers, designers or land surveyors are specified ~~respectively in chs. A-E 3 to 7~~ in chs. A-E 3, 4, 5, 6, 7, 9 and 10. Rules of professional conduct for all registrants or permit holders are specified in ch. A-E 8.

SECTION 4. A-E 2.02 (1), (2), (4) and (6) are amended to read:

A-E 2.02 REGISTRATION SEALS. (1) Each architect, landscape architect, professional geologist, professional engineer, designer and land surveyor shall obtain a seal that complies with board specifications for registration seals. The overall diameter may not be less than 1 5/8 inches nor more than 2 inches. Each seal shall include the registrant's name, registration or permit number and city.

(2) The following designs for registration seals have been approved:

(Registration Seals)

(4) Each sheet of plans, drawings, documents, specifications and reports for architectural, landscape architectural, professional geological, professional engineering, or design or land surveying practice ~~and for maps, plats, charts and reports for land surveying practice~~ shall be signed, sealed and dated by the registrant or permit holder who prepared, or directed and controlled preparation of, the written material, except as specified in sub. (5).

(6) Any addition, deletion or other revision to each sheet of plans, drawings, documents, specifications and reports for architectural, landscape architectural, professional geological, professional engineering, or design or land surveying practice ~~and for maps, plats, charts and reports for land surveying practice~~ which affects public health and safety or any state or local code requirements may not be made unless signed, sealed and dated by the registrant or permit holder who made or directed and controlled the making of the revision.

SECTION 5. A-E 2.03 (1) (a) and (b) are amended to read:

A-E 2.03 (1) (a) "Firm" means any sole proprietorship, partnership or corporation located in Wisconsin which provides or offers to provide architectural, landscape architectural, professional geological, professional engineering, design or land surveying services to the public.

(b) "Resident" means a currently-registered architect, landscape architect, professional geologist, professional engineer, designer or land surveyor who spends the majority of his or her working schedule in one firm location and who is in charge of and responsible for the type of services offered or provided from that location.

SECTION 6. A-E 2.03 (2) (e) and (f) are created to read:

A-E 2.03 (2) (e) A resident landscape architect in each separate business location which provides or offers to provide landscape architectural services.

(f) A resident professional geologist in each separate business location which provides or offers to provide professional geological services.

SECTION 7. A-E 8.02 is amended to read:

A-E 8.02 INTENT. The intent of the examining board in adopting this chapter is to establish rules of professional conduct for the professions of architecture, landscape architecture, professional geology, professional engineering, designing and land surveying. A violation of any standard specified in this chapter may result in disciplinary action under ss. 443.11 to 443.13, Stats.

SECTION 8. A-E 8.03 (intro.), (1), (2) (intro.), (2) (a), (3) (intro.), (3) (a), (5) (d) and (e) are amended to read:

A-E 8.03 DEFINITIONS. (intro.) In ch. 443, Stats., and chs. A-E 1 to 8 10:

(1) "Gross negligence in the practice of architecture, landscape architecture, professional geology, professional engineering, designing or land surveying" means the performance of professional services by an architect, landscape architect, professional geologist, professional engineer, designer or land surveyor which does not comply with an acceptable standard of practice that has a significant relationship to the protection of health, safety or public welfare and is performed in a manner indicating that the professional knew or should have known, but acted with indifference to or disregard of, the accepted standard of practice.

(2) (intro.) "Incompetency in the practice of architecture, landscape architecture, professional geology, professional engineering, designing or land surveying" means conduct which demonstrates:

(a) Lack of ability or fitness to discharge the duty owed by an architect, landscape architect, professional geologist, professional engineer, designer or land surveyor to a client or employer or to the public;

(3) (intro.) "Misconduct in the practice of architecture, landscape architecture, professional geology, professional engineering, designing or land surveying" means an act performed by an architect, landscape architect, professional geologist, professional engineer,

designer or land surveyor in the course of the profession which jeopardizes the interest of the public, including the following:

(a) Violation of federal or state laws, local ordinances or administrative rules relating to the practice of architecture, landscape architect, professional geology, profession engineering, designing or land surveying;

(5) (d) Mere assumption by an architect, landscape architect, professional geologist, designer or land surveyor of responsibility for work without having control of the work; or

(e) Assuming charge, control or direct supervision of work in which the architect, landscape architect, professional geologist, professional engineer, designer or land surveyor does not have technical proficiency.

SECTION 9. A-E 8.04 (intro.) is amended to read:

A-E 8.04 OFFERS TO PERFORM SERVICES SHALL BE TRUTHFUL. (intro.)
When offering to perform professional services, an architect, landscape architect, professional geologist, professional engineer, designer or land surveyor:

SECTION 10. A-E 8.05 (1) (intro.) is amended to read:

A-E 8.05 CONFLICTS OF INTEREST. (1) (intro.) An architect, landscape architect, professional geologist, professional engineer, designer or land surveyor:

SECTION 11. A-E 8.06 (intro.) is amended to read:

A-E 8.06 PROFESSIONAL OBLIGATIONS. (intro.) An architect, landscape architect, professional geologist, professional engineer, designer or land surveyor:

SECTION 12. A-E 8.07 is amended to read:

A-E 8.07 UNAUTHORIZED PRACTICE. (intro.) An architect, professional geologist, professional engineer, designer or land surveyor:

(1) Shall assist in enforcing laws which prohibit the unlicensed practice of architecture, professional geology, professional engineering, designing and land surveying by reporting violations to the board; and,

(2) May not delegate professional responsibility to unlicensed persons and may not otherwise aid or abet the unlicensed practice of architecture, professional geology, professional engineering, designing or land surveying.

SECTION 13. A-E 8.08 (intro.) is amended to read:

A-E 8.08 MAINTENANCE OF PROFESSIONAL STANDARDS. (intro.) An architect, landscape architect, professional geologist, professional engineer, designer or land surveyor:

SECTION 14. A-E 8.09 is amended to read:

A-E 8.09 ADHERENCE TO STATUTES AND RULES. (intro.) An architect, landscape architect, professional geologist, professional engineer, designer or land surveyor:

(1) Shall comply with the requirements in ch. 443, Stats., rules in this chapter and all other federal, state and local codes which relate to the practice of architecture, landscape architecture, professional geology, professional engineering, designing and land surveying; and

(2) May not engage in conduct that may adversely affect his or her fitness to practice architecture, landscape architecture, professional geology, professional engineering, designing or land surveying.

SECTION 15. A-E 8.10 (1) and (3) are amended to read:

A-E 8.10 PLAN STAMPING. (1) No architect, landscape architect, professional geologist, professional engineer or designer may sign, seal or stamp any plans, drawings, documents, specifications or reports for architectural, landscape architectural, professional geological, engineering or design practice which are not prepared by the registrant or under his or her personal direction and control.

(3) No architect, landscape architect, professional geologist, professional engineer, designer or land surveyor shall allow work performed by him or her or under his or her personal direction and control to be signed, sealed or stamped by another except that an architect, landscape architect, professional geologist, professional engineer, designer or land surveyor working under the personal direction and control of another registrant may allow that registrant to sign and seal or stamp the work.

SECTION 16. A-E 8.11 (3) is amended to read:

A-E 8.11 (3) Signing or sealing plans, specifications, reports, maps, plats, or other charts prepared for the practice of architecture, landscape architecture, professional geology, professional engineering, designing or land surveying;

SECTION 17. Chapters A-E 9 and 10 are created to read:

Chapter A-E 9

LANDSCAPE ARCHITECT REGISTRATION

A-E 9.01 AUTHORITY AND PURPOSE. The rules in this chapter are adopted under authority in ss. 15.08 (5) (b), 227.11, 443.035, 443.09 and 443.10, Stats. The purpose of the rules in this chapter is to interpret basic education, experience and examination requirements for registration as a landscape architect as specified in ss. 443.035, 443.09 and 443.10, Stats.

A-E 9.02 APPLICATIONS. An applicant who files an application but does not comply with a request for information related to the application within one year from the date of the request shall file a new application.

Note: Application forms are available upon request to the board office located at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708.

A-E 9.03 EXPERIENCE AS A LANDSCAPE ARCHITECT. (1) To qualify as satisfactory experience in landscape architecture for the purposes of s. 443.035, Stats., an applicant's experience shall include the application of accepted principles in the practice of landscape architecture and shall demonstrate an applicant's progressive development of competence to practice landscape architecture. The experience shall be acquired in the areas of the practice of landscape architecture listed in sub. (2) (a) to (g), or in other areas of the practice of landscape architecture which in the opinion of the board provide the applicant with a knowledge of principles and data related to the practice of landscape architecture at least equivalent to that which would be acquired by experience in the areas of practice listed. Experience in every listed area is not required.

(2) Areas of experience in the practice of landscape architecture include:

(a) Project development, management and training, including developing project goals, determining political and legal restraints, scheduling, budgeting and contract compliance.

(b) Professional practice, including preparing contracts, fulfilling insurance requirements, determining appropriate scope of practice, and ensuring compliance with all legal requirements.

(c) Site analysis, including gathering and reviewing site analysis data; studying and documenting environmental factors and impacts; producing site analyses of existing physical, psycho-social, human factor, economic and regulatory conditions; analyzing results of site data to determine project feasibility; and making recommendations based on site analyses.

(d) Preliminary design, including developing and reviewing potential programs to ensure optimum results; developing design programs to best ensure a client's goals and objectives; developing spatial study plans showing design components; developing potential design alternatives; presenting draft designs and preliminary plans to clients; coordinating with allied professionals; developing preliminary cost estimates; determining regulatory approval requirements; and rendering detailed exhibits of preliminary plans for client approval.

(e) Design development, including establishing planting lists, establishing irrigation requirements, establishing construction elements, establishing grading plans, establishing lighting plans, refining cost estimates, and reviewing for compliance with federal, state and local codes, with the requirements of the Americans with disabilities act of 1990 (42 U.S.C. 12131) and with required public approvals.

(f) Preparation of construction documents, including inventorying required construction documents; preparing demolition plans; preparing tree removal and preservation plans; preparing grading and drainage plans; preparing detailed layout staking or construction plans; performing calculations required by local regulatory bodies; obtaining soil tests; preparing planting plans; preparing lighting plans; preparing construction details for all site elements for construction implementation; and coordinating each of these elements with other project design professionals.

(g) Construction administration, including preparing cost estimates for all elements of a project; obtaining client and regulatory approvals; compiling bid documents; assisting clients in contractor selection; ensuring quality control as projects progress; conducting and documenting regular site meetings; responding to field questions and issues; verifying contractor billings; issuing necessary change orders; creating punch lists for review of design implementation; conducting final walk-throughs to verify design compliance; and conducting post-construction evaluation visits.

(3) Not more than one year of satisfactory experience credit may be granted for any calendar year.

A-E 9.04 EDUCATION. (1) In satisfaction of the education requirement under s. 453.035 (1) (a), Stats., the board accepts bachelor's or master's degrees in landscape architecture granted by a college or university accredited by the landscape architecture accreditation board of the American society of landscape architects or a degree determined by the board to be equivalent thereto. If the degree is from an international educational institution, the applicant shall provide an official evaluation by a transcript evaluation service acceptable to the board which shows that the degree is equivalent to a bachelor's degree in landscape architecture or a master's degree in landscape architecture granted by a college or university accredited by the landscape architecture accreditation board of the American society of landscape architects.

(2) In satisfaction of the education requirement under s. 453.035 (1) (b), Stats., the board accepts coursework in landscape architecture completed at a college or university accredited by the landscape architecture accreditation board of the American society of landscape

architects, or other equivalent college level coursework in landscape architecture or in an area related to landscape architecture, completed at a college or university accredited by a regional accrediting agency approved by the state board of education in the state in which the college or university is located.

A-E 9.05 EXAMINATIONS. (1) SCOPE OF WRITTEN EXAMINATIONS. (a) After December 31, 1995, an applicant for initial registration as a landscape architect shall pass an examination determined by the examining board to assess knowledges required for the professional practice of landscape architecture.

(b) After December 31, 1995, an applicant for initial registration as a landscape architect and all applicants applying for registration under s. 443.10 (1) (a), (b) and (d), Stats., shall pass a written examination, administered by the section, on barrier free design.

(2) REQUIREMENTS FOR ENTRANCE TO EXAMINATIONS. To be eligible to take the examinations required under this section, an applicant shall submit to the board satisfactory evidence of having met the requirements under ss. 443.035 (1) (a) or (b) and 443.09 (2), Stats.

(3) APPLICATION FOR EXAMINATION. An applicant for initial registration shall file an application for examination with the board not less than 2 months before the scheduled date of the examination.

(4) EXAMINATION AND REFUND FEES. The fee for the examinations for landscape architects, and the requirements for refund of fees are specified in s. 440.05, Stats., and ch. RL 4, respectively.

(5) PLACE AND TIME OF EXAMINATIONS. The examinations required by this section shall be held at sites and on dates designated by the board.

(6) EXAMINATION REVIEW. (a) An applicant for a landscape architect examination may only review questions on any part of an examination failed by the applicant within one year from the date of the examination, as specified in s. 443.09 (6), Stats.

(b) An applicant shall contact the board office, located at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708, to schedule an appointment to review the appropriate examination. The applicant may take notes on the examination questions reviewed. No such notes may be retained by the applicant following the review. All notes taken during the review shall be placed in the applicant's file. The review may not take place within 30 days prior to a scheduled examination.

(7) REEXAMINATION. An applicant failing any part of an examination may be reexamined on the part or parts failed, except that after failure of 3 reexaminations, the board shall require a one-year waiting period before further reexaminations on the part or parts failed.

A-E 9.06 APPLICATION CONTENTS. An application for registration as a landscape architect shall include:

(1) Official transcripts of graduate and undergraduate training, properly attested to by the degree granting institution and submitted by the institution directly to the board.

(2) A chronological history of the applicant's employment or other qualifying experience.

(3) References from at least 5 individuals, 3 of whom have personal knowledge of the applicant's experience in landscape architecture and are engaged in the practice of landscape architecture. If 3 references from individuals who are engaged in the practice of landscape architecture are not available, the board may accept references from individuals actively engaged in the practice of an allied profession. After December 31, 1995, one of the 3 references having personal knowledge of the applicant's experience in landscape architecture shall be licensed or registered as a landscape architect by the licensing authority of some licensing jurisdiction in the United States or Canada.

(4) The fee required under s. 440.05 (1), Stats.

(5) For applicants previously licensed in another state, territory or possession of the United States or in another country, verification of the applicant's licensure in the licensing jurisdiction of original licensure or, if the applicant has permitted his or her registration in the jurisdiction of original licensure to lapse, verification of licensure in the licensing jurisdiction where the applicant is currently licensed and where the applicant was last engaged in the practice of landscape architecture.

(6) For applicants who have a pending criminal charge or have been convicted of a crime, all related information necessary for the board to determine whether the circumstances of the pending criminal charge or criminal conviction are substantially related to the circumstances of the practice of landscape architecture.

(7) Any additional data, exhibits or references showing the extent and quality of the applicant's experience that may be required by the landscape architect section.

Chapter A-E 10

PROFESSIONAL GEOLOGIST REGISTRATION

A-E 10.01 AUTHORITY AND PURPOSE. The rules in this chapter are adopted under authority in ss. 15.08 (5) (b), 227.11, 443.037, 443.09 and 443.10, Stats. The purpose of the rules in this chapter is to interpret basic education, experience and examination requirements for registration as a professional geologist as specified in ss. 443.037, 443.09 and 443.10, Stats.

A-E 10.02 APPLICATIONS. An application for registration as a professional geologist is available upon request to the board office located at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708. An applicant who files an application but does not comply with a request for information related to the application within one year from the date of the request shall file a new application.

A-E 10.03 EXPERIENCE AS A PROFESSIONAL GEOLOGIST. (1) To qualify as satisfactory professional geologic work for the purposes of s. 443.037, Stats., an applicant's experience shall include the application of accepted principles in the practice of geology and shall demonstrate an applicant's progressive development of competence to practice as a professional geologist. The experience shall be acquired in the areas of the practice of geology listed in sub. (2) (a) to (m) or in other areas of the practice of geology which in the opinion of the board provide the applicant with a knowledge of principles and data related to the practice of geology at least equivalent to that which would be acquired by experience in the areas of practice listed. Experience in every listed area is not required.

(2) Areas of experience in the practice of professional geology include:

(a) Mineralogy, including identification of minerals and mineral assemblages, the determination of physical and chemical properties of rocks, and determination of probable genesis and sequence of mineral assemblages.

(b) Petrography or petrology, including identification and classification of major rock types, determination of physical and chemical properties of rocks, and determination of probable genesis and sequence of rock formation.

(c) Geochemistry, including evaluation of geochemical data, and construction of geologic models based on geochemical analyses.

(d) Stratigraphy or historical analysis, including identification of rock sequences, establishment of the relative position of rock units, determination of the ages of rock units, interpretation of depositional environments and geologic histories, performance of facies analyses, and establishment of stratigraphic classifications.

(e) Structural geology, including identification of structural features and their interrelationships, determination of the orientation of structural features, performance of qualitative and quantitative structural analyses, correlation of separated structural features, and interpretation of structural features and tectonic histories.

(f) Paleontology, including determination of estimated relative geologic ages of rocks, identification of fossils and fossil assemblages, correlation of rock biostratigraphy, and paleoecological interpretation.

(g) Geomorphology, including identification of landforms, performance of geomorphic field investigations, determination of geomorphic processes and the development and age relationships of landforms and soils, and interpretation of geomorphic field data.

(h) Geophysics, including performance of geophysical investigations in the field, performance of geological interpretations of geophysical data, and identification of potentially hazardous geological conditions by use of geophysical techniques.

(i) Hydrogeology, including design and interpretation of hydrologic and hydrogeologic testing programs, utilization of physical and chemical data to evaluate hydrogeologic conditions, development and interpretation of groundwater geologic maps and sections, application of geophysical methods to analyze hydrogeologic conditions, determination of the physical and chemical properties of aquifers and vadose zones, determination of groundwater resources and quality, design of wells and drilling programs, development of groundwater resource management plans, and development of remedial action programs.

(j) Engineering geology, including geologic interpretation for engineering design, identification and interpretation of potential seismic and geologic hazards, development and interpretation of engineering geology maps and sections, evaluation of materials resources, establishment of site selection and evaluation criteria, design and implementation of field and laboratory programs, and provision of sample soils for geologic analysis and materials properties testing.

(k) Mining geology, including formulation of exploration programs, implementation of field investigations on prospects, performance of geologic interpretations for mineral reserves, performance of economic analyses and appraisals, provision of geologic interpretations for mineral resource, mine development, and mine reclamation or abandonment.

(L) Petroleum geology, including formulation of exploration plans, implementation of field investigations on prospects, performance of geologic interpretations of physical properties and hydrocarbon reserves, performance of petroleum economic analyses and appraisals, and provision of geologic interpretations for development and abandonment of hydrocarbon reservoirs.

(m) Glacial geology, including understanding glacial processes, deposits, landforms and environments; identification and classification of glacial sediment; performance of facies analyses; identification of glacial sequences and establishment of stratigraphic classifications; determination of glacial histories; and development and interpretation of glacial geologic maps and sections.

(3) Not more than one year of satisfactory experience credit may be granted for any calendar year.

A-E 10.04 EDUCATION. (1) In satisfaction of the education requirement under s. 443.037, Stats., the board shall accept a bachelor's degree in geology, or a bachelor's degree

reflecting that the applicant has completed at least 30 semester hours or 45 quarter hours of course credits in geology of a variety and nature sufficient to constitute a major in geology, granted by a college or university accredited by a regional accrediting agency approved by the state board of education in the state in which the college or university is located, or accredited by a Canadian accrediting agency satisfactory to the board.

(2) If the degree is from an educational institution not meeting the requirements of sub. (1), the applicant must provide an official evaluation by a transcript evaluation service acceptable to the board which shows that the degree is equivalent to a bachelor's degree in geology or a bachelor's degree with a major in geology meeting the requirements under sub. (1).

A-E 10.05 EXAMINATIONS. (1) SCOPE OF WRITTEN EXAMINATIONS. After December 31, 1995, all applicants for initial registration as a professional geologist shall pass both the fundamentals of geology and the principles and practice of geology examinations of the association of state boards of geology.

(2) REQUIREMENTS FOR ENTRANCE TO EXAMINATIONS. (a) To be eligible to take the examinations required under this section, an applicant under s. 443.037 (2) (a), Stats., shall have met the requirements under s. 443.037 (1), Stats., and shall have done either of the following:

1. Completed at least 4 years of professional experience in geologic work of a character satisfactory to the board, at least 1 year of which must have been performed under the supervision of a person who is at the time of application registered as a professional geologist under this chapter or who, during the period of supervised experience, was registered as a professional geologist in another state, territory or possession of the United States or in another country that has registration requirements for professional geologists that are not lower than the requirements for registration under this chapter.

2. Have been awarded a postgraduate degree in geology, geophysics, geochemistry, hydrogeology, engineering geology, geotechnical engineering or a related geological science granted by a college or university accredited by a regional accrediting agency approved by the state board of education in the state in which the college or university is located, or accredited by a Canadian accrediting agency satisfactory to the board, and have completed at least 3 years of professional experience in geologic work of a character satisfactory to the board which demonstrates that the applicant is qualified to assume responsible charge of geologic work.

(b) To be eligible to take the examinations required under this section, an applicant under s. 443.037 (2) (b), Stats., shall have met the requirements under s. 443.037 (1), Stats., and shall have done either of the following:

1. Completed at least 6 years of professional experience in geologic work of a character satisfactory to the board which demonstrates that the applicant is qualified to assume responsible charge of geologic work.

2. Have been awarded a postgraduate degree in geology, geophysics, geochemistry, hydrogeology, engineering geology, geotechnical engineering or a related geological science granted by a college or university accredited by a regional accrediting agency approved by the state board of education in the state in which the college or university is located, or accredited by a Canadian accrediting agency satisfactory to the board, and have completed at least 5 years of professional experience in geologic work of a character satisfactory to the board which demonstrates that the applicant is qualified to assume responsible charge of geologic work.

(3) APPLICATION FOR EXAMINATION. An applicant for initial registration shall file an application for examination with the board not less than 2 months before the scheduled date of the examination.

(4) EXAMINATION AND REFUND FEES. The fee for the examinations for professional geologists, and the requirements for refund of fees are specified in s. 440.05, Stats., and ch. RL 4, respectively.

(5) PLACE AND TIME OF EXAMINATIONS. The examinations required by this section shall be held at sites and on dates designated by the board.

(6) EXAMINATION REVIEW. (a) Any applicant for a professional geologist examination may review questions on any part of an examination failed by the applicant if the request is received within one year from the date of the examination, as specified in s. 443.09 (6), Stats.

(b) An applicant shall contact the board office, located at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708, to schedule an appointment to review the appropriate examination. The applicant may take notes on the examination questions reviewed. No such notes may be retained by the applicant following the review. All notes taken during the review shall be placed in the applicant's file. The review may not take place within 30 days prior to a scheduled examination.

(7) REEXAMINATION. An applicant failing an examination may be reexamined, except that after failure of 3 reexaminations, the board shall require a one-year waiting period before further reexamination.

A-E 10.06 APPLICATION CONTENTS. An application for registration as a professional geologist shall include:

(1) Official transcripts of graduate and undergraduate training, properly attested to by the degree granting institution and submitted by the institution directly to the board establishing that the applicant has been granted a bachelor's degree in geology or a bachelor's degree with a geology major meeting the requirements under s. 443.037 (1), Stats., granted by a college or university accredited by a regional accrediting agency approved by the state board of

education in the state in which the college or university is located, or accredited by a Canadian accrediting agency satisfactory to the board.

(2) A chronological history of the applicant's employment or other qualifying experience in satisfaction of s. 443.037, Stats.

(3) For applicants applying under s. 443.037 (2) (a), Stats., a completed "supervised geologic experience" form completed by an individual who has firsthand knowledge of the applicant's supervised experience relating to professional geology and who is one of the following:

(a) A professional geologist registered in this state.

(b) A professional geologist registered in another licensing jurisdiction that has registration requirements not lower than the requirements for registration in this state.

(c) A person who the board determines is qualified to have responsible charge of geologic work.

(4) For applicants applying under s. 443.037 (2) (b), Stats., submission of at least 3 "peer evaluation" forms satisfactory to the board completed by registered professional geologists who have had professional contact with the applicant's practice and who certify that the applicant is qualified to assume responsible charge of geologic work.

(5) References from at least 5 individuals, at least 3 of whom shall be professionally competent to evaluate the applicant's practice and, after December 31, 1995, at least one of whom shall be registered as a professional geologist in this state.

(6) The fee required under s. 440.05 (1), Stats.

(7) For applicants previously licensed in another state, territory or possession of the United States or in another country, verification of the applicant's licensure in the licensing jurisdiction of original licensure or, if the applicant has permitted his or her registration in the jurisdiction of original licensure to lapse, verification of licensure in the licensing jurisdiction where the applicant is currently licensed and where the applicant was last engaged in the practice of professional geology.

(8) For applicants who have a pending criminal charge or have been convicted of a crime, all related information necessary for the board to determine whether the circumstances of the pending criminal charge or criminal conviction are substantially related to the circumstances of the practice of geology.

(9) Any additional data, exhibits or references showing the extent and quality of the applicant's experience that may be required by the professional geologist section.

(10) For applicants applying under s. 443.037 (2) (a), Stats., after December 31, 1995, evidence of successful completion of the fundamentals of geology examination and the principles and practice of geology examination.

(11) For applicants applying under s. 443.037 (2) (b), Stats., evidence of successful completion of the fundamentals of geology examination and the principles and practice of geology examination.

Note: Application forms, including the "supervised geologic experience" form and the "peer evaluation" form are available on request to the board office, 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708.

The rules adopted in this order shall take effect on the first day of the month following publication in the Wisconsin administrative register pursuant to s. 227.22 (2) (intro.), Stats.

Dated 06 April 95

Agency 

Chairperson
Examining Board of Architects, Landscape
Architects, Professional Geologists,
Professional Engineers, Designers and
Land Surveyors



CORRESPONDENCE/MEMORANDUM

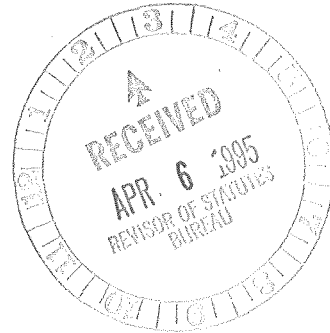
STATE OF WISCONSIN

DATE: April 6, 1995

TO: Gary Poulson
Assistant Revisor of Statutes

FROM: Pamela A. Haack, Rules Center Coordinator
Department of Regulation and Licensing
Office of Administrative Rules

SUBJECT: Final Rule-Making Order



**Agency: EXAMINING BOARD OF ARCHITECTS, LANDSCAPE ARCHITECTS,
PROFESSIONAL GEOLOGISTS, PROFESSIONAL ENGINEERS, DESIGNERS AND
LAND SURVEYORS**

Clearinghouse Rule: 94-173

Attached is a copy and a certified copy of a final order adopting rules. Would you please publish these rules in the code.

Please stamp or sign a copy of this letter to acknowledge receipt.

Thank you.