

CERTIFICATE

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

TO ALL WHOM THESE PRESENTS SHALL COME, GREETINGS:

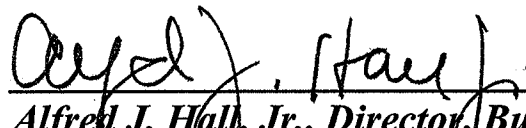
I, Alfred J. Hall, Jr., Director, Bureau of Business and Design Professions in the Wisconsin Department of Regulation and Licensing and custodian of the official records of the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers and Land Surveyors, do hereby certify that the annexed rules were duly approved and adopted by the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers and Land Surveyors on the 1st day of September, 2000.

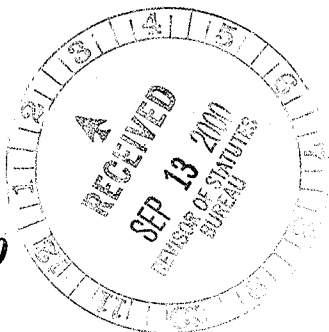
12th

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 1st day of September, 2000.

12th

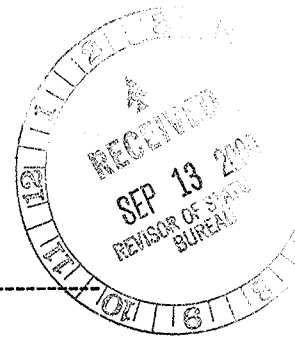

Alfred J. Hall, Jr., Director, Bureau of Business and Design Professions,
Department of Regulation and Licensing



00-050

12/1/00

STATE OF WISCONSIN
EXAMINING BOARD OF ARCHITECTS, LANDSCAPE ARCHITECTS,
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,
LANDSCAPE ARCHITECTS, : PROFESSIONAL ENGINEERS,
PROFESSIONAL ENGINEERS, : DESIGNERS AND LAND SURVEYORS
DESIGNERS AND LAND SURVEYORS : ADOPTING RULES
: (CLEARINGHOUSE RULE 00-050)

ORDER

An order of the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers and Land Surveyors to *renumber* A-E 6.04 (1) and (2); to *renumber and amend* A-E 6.04 (intro.); to *amend* A-E 4.05 (1) (b), (2) (a), (3) (a) and (4) (b), 6.05 (1) and (3) (a) and (b); and to *create* A-E 2.02 (8), 6.04 (2) and 6.05 (3) (c) (intro.), 1., 2., 3., 4. and (d) (intro.), 1., 2., 3. and 4., relating to registration seals, experience requirements for professional engineers, and educational requirements for land surveyors.

Analysis prepared by the Department of Regulation and Licensing.

ANALYSIS

Statutes authorizing promulgation: ss. 15.08 (5) (b) and 227.11 (2), Stats.

Statutes interpreted: ss. 443.04 (1) (b), (c) and (d) and 443.06 (2) (am), Stats.

In this rule-making order the Examining Board of Architects, Landscape Architects, Professional Engineers, Designers and Land Surveyors contains amendments which relate to use of registration seals, experience requirements for professional engineers, and educational requirements for land surveyors.

The board creates s. A-E 2.02 (8) to clarify what a registrant must do in situations where plans and specifications are to be submitted for state approval by a licensee who did not do the original design work. This rule would allow Wisconsin registrants to finish projects in which the original design person because of death or dismissal is unable to finish it.

The board amends s. A-E 4.05 (1) (b), (2) (a) and (4) (b) to require that an applicant for professional engineer registration must complete their experience within 10 years preceding his or her application for registration and under s. A-E 4.05 (3) within 15 years preceding his or her application for registration. The Professional Engineers Section believes it is in the best interest of the health, safety and welfare of the citizenry of Wisconsin for an applicant's experience to be within 10 to 15 years immediately preceding their application, to assure that the applicant can apply the current professional engineering procedures.

The board amends s. A-E 6.04 to identify the educational requirements for becoming a land surveyor, which becomes effective July 1, 2000. The requirement will increase the educational requirement from a two-year degree to a four-year college or university degree.

TEXT OF RULE

SECTION 1. A-E 2.02 (8) is created to read:

A-E 2.02 (8) Plans, specifications and calculations for buildings and structures not exempt under s. 443.15, Stats., which have been prepared by an architect or professional engineer other than the Wisconsin registered architect or engineer who is submitting the plans, specifications and calculations for filing as public documents, may be submitted if all of the following conditions are satisfied:

(a) The plans, specifications and calculations shall have been prepared by or under the supervision of an architect or professional engineer licensed in some state of the United States, and shall bear the signature and seal or stamp of the architect or professional engineer who prepared them or under whose supervision and control they were prepared.

(b) A certificate, dated, signed and sealed by the Wisconsin registered architect or professional engineer who is submitting the plans, specifications and calculations for filing as public documents, shall be attached to the plans, specifications and calculations. The certificate shall indicate that the plans, specifications and calculations were prepared by an architect or professional engineer other than the submitting registered architect or professional engineer; shall describe the work performed by the submitting registered architect or professional engineer; and shall include statements to the effect that the plans and specifications have been reviewed and comply with all applicable local and state building codes, and that the reviewing registered architect or professional engineer will be responsible for the supervision of construction in accordance with the requirements of the state, and of the county and municipality where the building or structure is to be erected. If the registered architect or professional engineer who originally prepared the plans, specifications and calculations was registered in Wisconsin at the time they were prepared, the certificate shall also specify why the original architect or professional engineer is not submitting the plans, specifications and calculations for approval.

SECTION 2. A-E 4.05 (1) (b), (2) (a), (3) (a) and (4) (b) are amended to read:

A-E 4.05 (1) (b) Not less than 4 years of experience within the 10 years preceding the application in engineering work of a character satisfactory to the board indicating that the applicant is competent to practice engineering. Experience gained in obtaining a master's degree in engineering and experience gained in obtaining a Ph.D. in engineering or in an engineering related program shall each be deemed equivalent to one year of qualifying experience.

(2) (a) A specific record of 8 or more years of experience within the 10 years preceding the application in engineering work of a character satisfactory to the board indicating

that the applicant is competent to be placed in responsible charge of the work, or a combination of engineering experience and equivalent education totaling 8 years.

(3) (a) A specific record of not less than 12 years experience within the 15 years preceding the application in engineering work of a character satisfactory to the board indicating that the applicant is competent to practice engineering, or a combination of experience and equivalent education totaling 12 years.

(4) (b) Not less than 8 years of experience in engineering work within the 10 years preceding application of a character satisfactory to the board indicating that the applicant is competent to practice engineering. Experience gained in obtaining a master's degree in engineering and experience gained in obtaining a Ph.D. in engineering or in an engineering related program shall each be deemed equivalent to one year of qualifying experience.

SECTION 3. A-E 6.04 (intro.) is renumbered A-E 6.04 (1) (intro.) and as renumbered amended to read:

A-E 6.04 Educational requirements for land surveyors. (1) (intro.) To meet the educational requirements of s. 443.06 (2) (a) and (bm), Stats., ~~requiring "a course in land surveying of not less than 2 years duration approved by the section"~~ an applicant for registration as a land surveyor shall have satisfactorily completed at least 60 semester credits in a civil engineering or land surveying curriculum including no less than 12 semester credits in land surveying ~~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.~~ Credits in land surveying which shall be in the following categories of study:

SECTION 4. A-E 6.04 (1) and (2) are renumbered A-E 6.04 (1) (a) and (1) (b).

SECTION 5. A-E 6.04 (2) is created to read:

A-E 6.04 (2) To meet the educational requirements of s. 443.06 (2) (am), Stats., an applicant for registration as a land surveyor shall have done either of the following:

(a) Received a bachelor's degree in a course of study in land surveying of not less than 4 years duration from a college or university accredited by a regional accrediting agency approved by the state where the college or university is located; or

(b) Received a bachelor's degree in civil engineering of not less than 4 years duration from a college or university accredited by a regional accrediting agency approved by the state where the college or university is located. The curriculum shall include no less than 12 credits in courses concentrating on the legal principles of land surveying and the technical aspects of land surveying. These courses shall include areas of study such as research of public and private records, principles of evidence and the interpretation of written documents used in boundary determination, the study of the legal elements of land surveying including those involving resurveys, boundary disputes, defective descriptions, riparian rights and adverse possession, the study of the professional and judicial functions of a land surveyor, the study of

surveying methods for measuring distance and angular values, note keeping, computation and writing descriptions and the study of the Wisconsin statutes and local ordinances relating to the preparation of subdivision maps and plats.

SECTION 6. A-E 6.05 (1) and (3) (a) and (b) are amended to read:

A-E 6.05 (1) LAND SURVEYOR EXAMINATION REQUIRED. Applicants for registration as a land surveyor ~~other than applicants under s. 443.06 (2) (c), Stats.~~, shall take and pass an examination. The examination parts are the fundamentals of surveying examination and the principles and practice examination. The principles and practice examination is divided into 2 sections, a "national" and a "state" section which are scored separately.

(3) REQUIREMENTS FOR ENTRANCE TO EXAMINATIONS. (a) ~~To~~ Prior to July 1, 2000, to be eligible to take the "fundamentals of land surveying" examination, an applicant shall have complied with s. A-E 6.04 (1), or have at least 4 years of practice in land surveying, or a combination of work and training in a course in land surveying and practice in land surveying which totals at least 4 years.

(b) ~~To~~ Prior to July 1, 2000, to be eligible to take the "principles and practice of land surveying" examination, an applicant shall have complied with s. A-E 6.04 (1) and have at least 2 years of approved practice in land surveying, or have at least 5 years of approved practice in land surveying, or a combination of at least 5 years of approved work and training in a course in land surveying and practice in land surveying.

SECTION 7. A-E 6.05 (3) (c) (intro.), 1., 2., 3. and 4. and (d) (intro.), 1., 2., 3. and 4. are created to read:

A-E 6.05 (3) (c) (intro.) After June 30, 2000, to be eligible to take the "fundamentals of land surveying" examination, an applicant shall have done one of the following:

1. Complied with s. A-E 6.04 (2).
2. Complied with s. A-E 6.04 (1).
3. Have at least 5 years of practice in land surveying, or a combination of work and training in a course in land surveying and practice in land surveying which totals at least 5 years.
4. Have completed an apprenticeship training course in land surveying prescribed by the department of workforce development, and engaged in a period of additional land surveying of a satisfactory character that, when added to the period of apprenticeship, totals at least 6 years of land surveying practice.

(d) (intro.) After June 30, 2000, to be eligible to take the "principles and practice of land surveying" examination, an applicant shall have done one of the following:

1. Complied with s. A-E 6.04 (2) and have at least one year of approved practice in land surveying.

2. Complied with s. A-E 6.04 (1) and have at least 3 years of approved practice in land surveying.

3. Have at least 9 years of approved practice in land surveying, or a combination of at least 9 years of approved work and training in a course in land surveying and practice in land surveying.

4. Have completed an apprenticeship training course in land surveying prescribed by the department of workforce development, and engaged in a period of additional land surveying of a satisfactory character that, when added to the period of apprenticeship, totals at least 7 years of land surveying practice.

(END OF TEXT OF RULE)

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

9/12/00

Agency

Jay Fernholz A.J.H.

Chairperson

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

g:\rules\A-e2.doc
8/10/00



State of Wisconsin
DEPARTMENT OF REGULATION AND LICENSING
CORRESPONDENCE/MEMORANDUM

DATE: September 13, 2000

TO: Gary Poulson
Assistant Revisor of Statutes

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

SUBJECT: Final Order Adopting Rules



**Agency: Examining Board of Architects, Landscape Architects,
Professional Engineers, Designers and Land Surveyors**

Clearinghouse Rule 00-050

Attached is a copy and a certified copy of a final order adopting rules relating to registration seals, experience requirements for professional engineers, and educational requirements for land surveyors.

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

Thank you.