

201933

DEPARTMENT OF LICENSES

OF THE

STATE OF WASHINGTON

Application

This application and statutory fee to be mailed to the State Treasurer.
Remit by Money Order, Bank Draft or Certified Check.

*6 Kuehl
at Spokane
not for State of Wash*

City of Spokane, State of Washington,
May 19, 1933

To the DEPARTMENT OF LICENSES OF THE STATE OF WASHINGTON:

I hereby make application for a license to practice As Architect in the State of Washington.

In submitting this application, it is agreed by me that if any part of it be found false or fraudulent, I forfeit the right to a license.

- Name Benjamin Karl Kuehl (Name in full)
- Address 312 E. Sinto Ave. Spokane, Wash.
- Date of birth June 22, 1899 Place of birth Reedaburg, Wis.
- Are you a citizen of the United States? Yes.
 - If of foreign birth, state nationality
 - Naturalized when?
 - If not a citizen, have you declared your intention to become a citizen?
 - Color?
- Where have you resided for the past five years? Royal Oak, Michigan.
- What common school did you attend? Webster - grade. Spokane, Wash.
- Of what high school are you a graduate? North Central - Spokane, Wash.
- If not a high school graduate, what equivalent education have you had?
- Of what hospital training school, college, university or other institution are you a graduate? 2 1/2 yrs State College of Wash. 1 1/2 yrs and graduate from the Univ. of Mich.
 - How many years did you attend? Four years (b) How many months in each year? Nine months
 - What degree or degrees did you receive? Bachelor of science in Architecture
 - Was resident attendance required? No. (e) Date of graduation June 1933
- If not a graduate, how many years collegiate training have you had?
- What hospital or other training in care of the sick have you had?
- How much time have you given to clinical practice?
- What practical experience have you had in your profession? Eleven years total employed as draftsman, designer, detailer, specification writer, job captian, inspection work. Approximately one year private practice, no results.
- What collateral branches have you studied?
- Have you ever been examined for license in any other state? Yes? State of Michigan
 - If so, where and when? Michigan, 1928 (b) Result Granted registration
- Have you ever practiced in any other state? None other than Michigan

Benjamin Karl Kuehl
(Signature of Applicant)

State of Washington
County of Spokane } ss.

I, Benjamin Karl Kuehl, being first duly sworn upon oath, depose and say: that the answers to the foregoing questions and the statements made in the above application are true and correct; that I am the person named in the diploma accompanying this application; that I am the lawful holder thereof, and that the same was procured in the regular course of instruction and examination without fraud or misrepresentation.

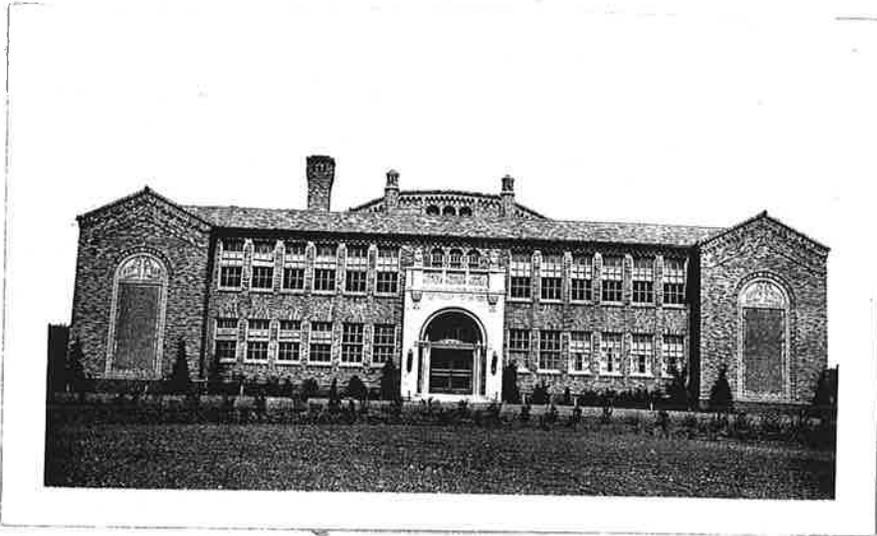
Benjamin Karl Kuehl
(Signature of Applicant)

Subscribed and sworn to before me this 16 day of May, 1933

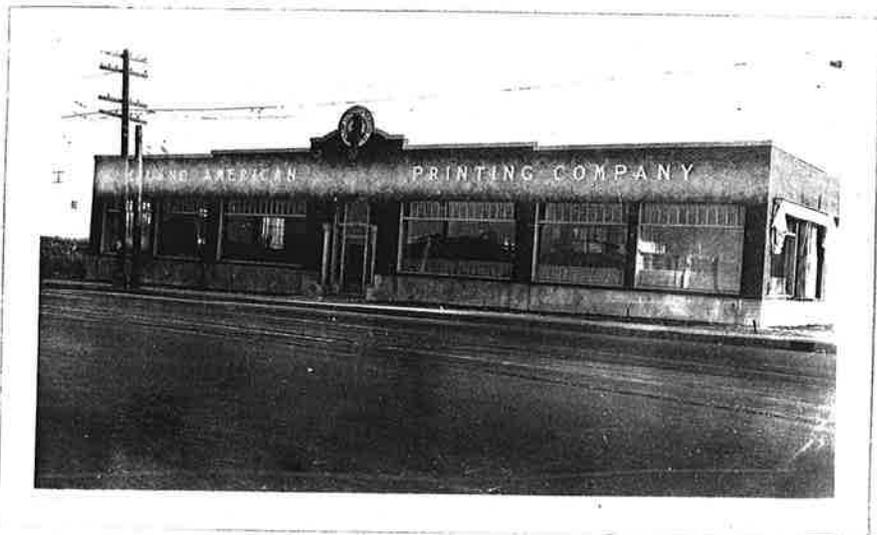
W. Madglund
Notary Public for the State of Wash
Residing at Spokane

[SEAL]

*OK
lie*



East Valley High School-\$95,000.
 Office- H. C. Whitehouse & Price Archt's
 Spokane, Washington.
 Rating- Draftsman, Year- 1924-1925



Inland American Printing Company
 Office- H. C. Whitehouse & Price Arch's
 Spokane, Washington.
 Rating- Draftsman, Year- 1924-1925



Residence- Mr. John Landau owner
 Royal Oak, Mich.

Private work.- 1926. Cost-\$8,000



Flint Michigan Bell Telephone Bldg.
 Flint, Michigan. Cost, Approx. \$250,000.
 Office- Smith Hinchman & Grylls Arch'ts
 and Engineers. Detroit, Mich.
 Rating- Draftsman (Job Captain)
 Years- 1925- 1929
 Steel and Concrete Construction



Main Entrance

Mt. Clemens Savings Bank. Mt. Clemens, Michigan.
Office- Smith Hinchman & Grylls, Arch'ts and Engineers. Detroit, Mich.
Rating- Draftsman (Job Captain)

Steel and Concrete construction, ultimate height- 5 stories

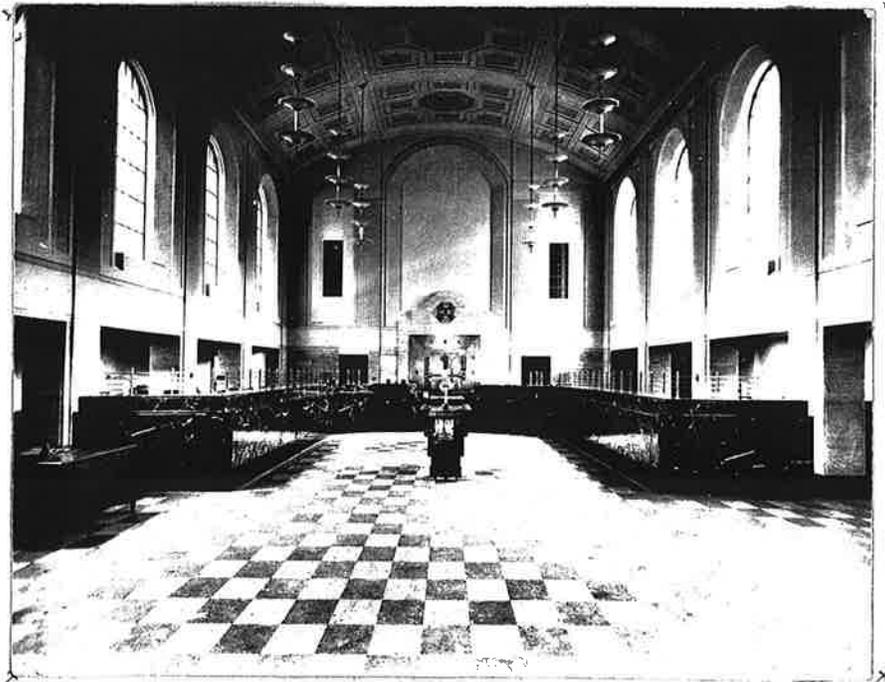
Cost-\$54,000.

Years 1925- 1929

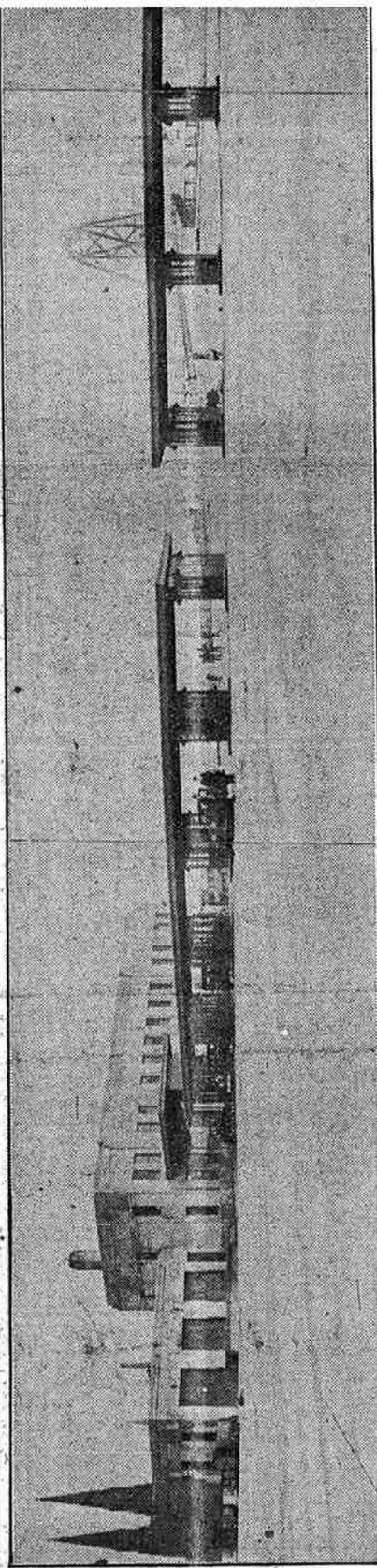


Side Street Entrance

Interior Banking Room



STARTING ACROSS AMBASSADOR



Here is the way the bridge looks to the motorist as he turns into the approach from the American side. The long row of stations in front of him are the toll and inspection islands, with the to the bridge itself, the central span of which can be seen in the distance.

Bridge To Stretch Three Feet a Year

Expansion and Contraction Due to Weather Makes Telephone Wiring Difficult.

"Believe it or not," one might say, but the new Ambassador bridge will be approximately three feet longer on July 4 than it will on Christmas day. And, according to Lou Burt, commercial superintendent of the Michigan Bell Telephone company, that fact creates quite a problem, engineers say the bridge actually will be 94 inches longer than on Christmas day—provided the weather is normally warm on the nation's birthday, and normally cold on Christmas. Summer heat will cause the structure to expand, and in planning and installing telephone wires and cable

on the bridge that expansion had to be considered. Otherwise it is quite possible the equipment would be torn out by the roots, so to speak.

Is Special Job.

In providing service on the bridge itself, a special and peculiar engineering and installation job was made necessary. The telephone cables over the bridge is strung in a one and one-half inch diameter sidewalk spaced beneath the bridge each every 300 feet, with one at each tower where the main expansion points of the span are located. The splicing boxes are constructed of three-eighths inch steel, and are of sufficient size to allow a man to descend into them to work on the cable. Where the cable enters each splicing box, special joints have

been prepared in the telephone cable conduit to permit it to slip back and forth as the bridge expands or contracts. The excess cable, required to meet the expansion, is curved about the splicing box in flexible conduit.

Located in the terminal building on the American side is an extended private branch exchange switchboard, which is connected with the telephone company's Lafayette central office by means of three trunk lines. This private phones in the bridge company's offices and three on the bridge itself. Two of the latter instruments are located at the towers, and the third in the middle of the bridge. Connecting the private bridge switchboard on the American side

with a similar private switchboard on the Canadian side are two tie lines.

The need for a connection across the international boundary creates another problem, though a lesser one that helped complicate the installation of these tie lines.

Instead of crossing the bridge, pass through the Lafayette central office, then through the Detroit-Windsor submarine telephone cable under the Detroit river, through the Seneca central office of the Canadian Bell Telephone company in Windsor, and thence to the Canadian terminal of the bridge. That roundabout route was made necessary by regulations of the United States and the Dominion of Canada regarding the crossing of telegrams by telephone

lines. At the Canadian bridge a switchboard that at the American been installed by the company.

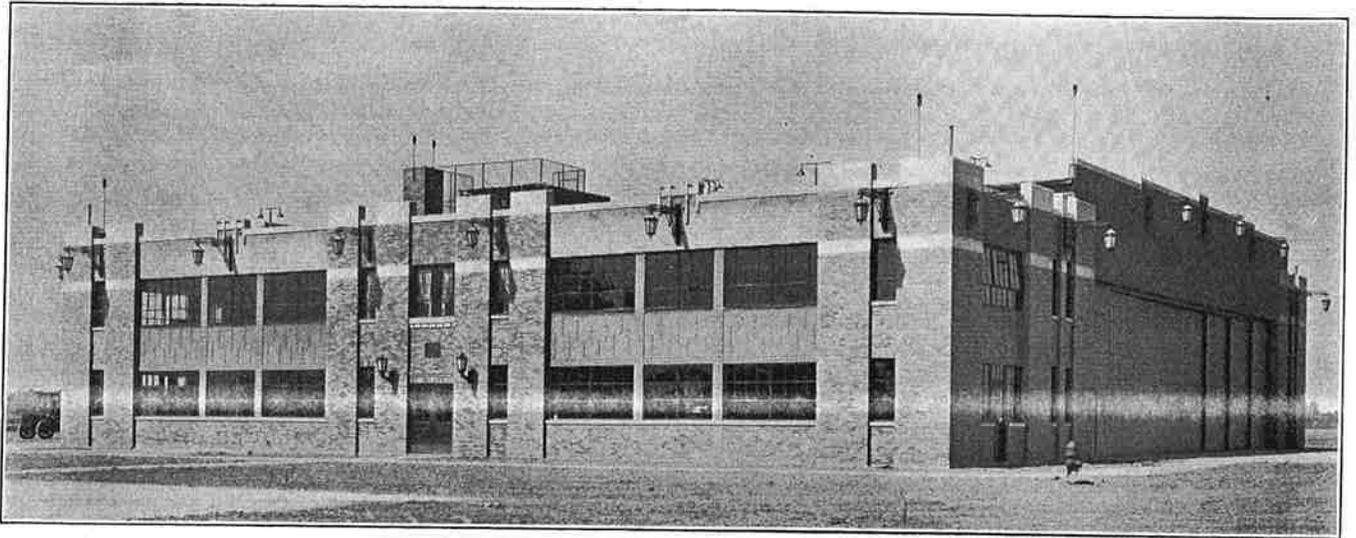
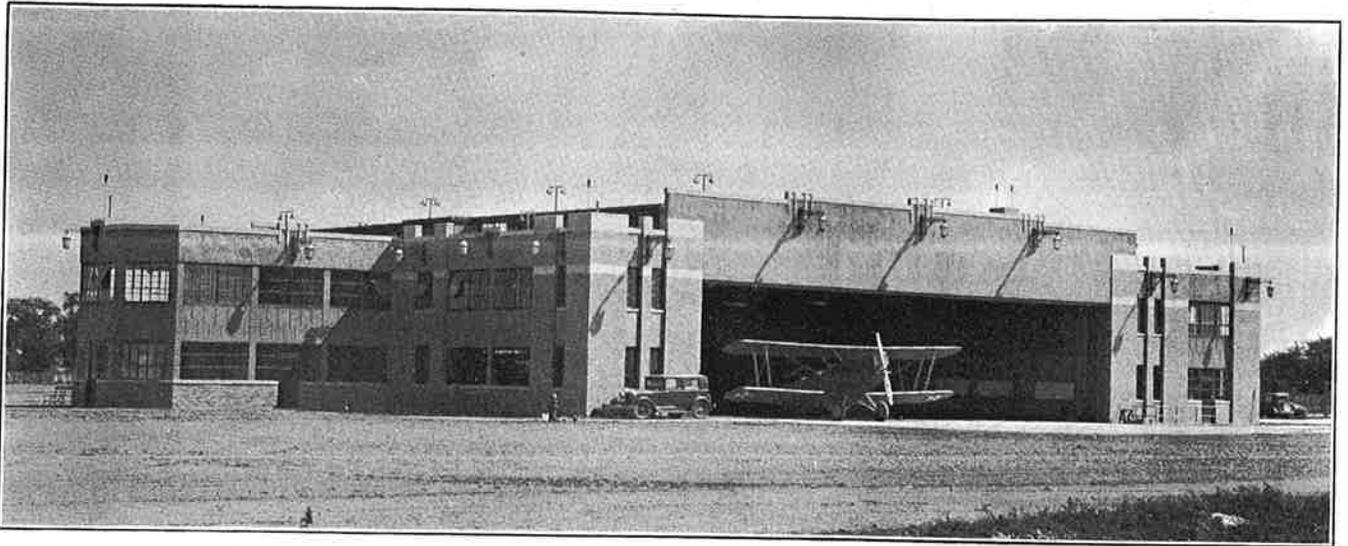
Service for the ties at both ends of

Phones Over

The first telephone listed between Detroit was a single y 1880 from the Mont company. Later the telephone cable was the river. Trouble w frequently because severed or otherwise the dragging netch. Since the latter, States and the Dominion of Canada, the crossing of telegrams by telephone was taken up and



Ambassador Bridge Terminal Buildings - American side
 Canadian terminal buildings similar, working
 drawings also in my charge. Total approx. \$750,000.
 Office- Smith Hinchman & Grylls Arch'ts and Eng's.
 Steel and Concrete Construction.--Years 1925-1929
 Rating- Draftsman (Job Captain)



TWO VIEWS OF THE
MILITARY HANGAR

for the

107th OBSERVATION SQUADRON
32d DIVISION AIR SERVICE

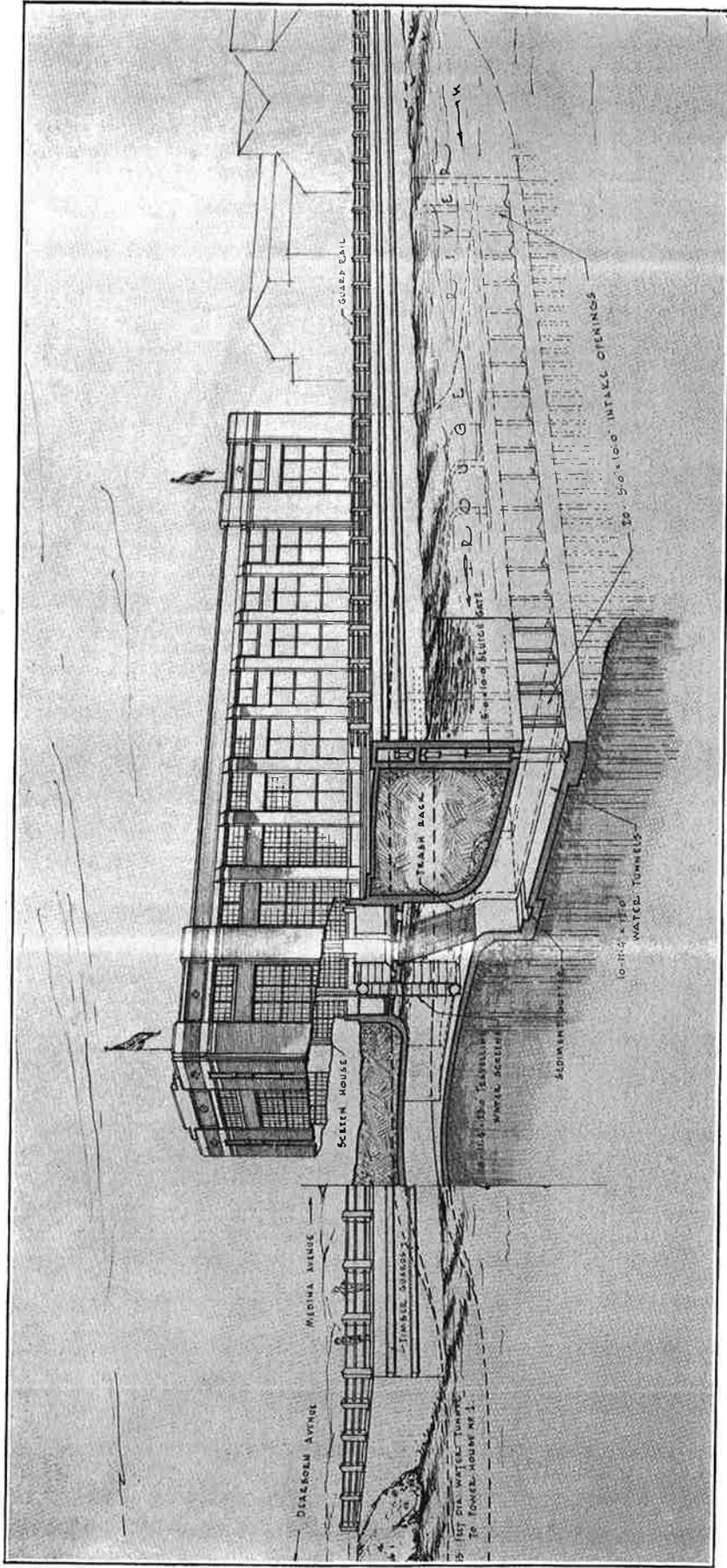
at

WAYNE COUNTY AIRPORT

A National Guard
Development on the
grounds of the Wayne
County Air port. Near
Detroit, Mich. 1929-1932
Rating- Draftsman,
(First Assistant in
Architectural Work)

In addition to hangar facilities for 12 planes provisions were made for officers' quarters, instruction rooms, locker space, parachute room, machine shop and in fact everything required for the training and housing of the personnel and equipment of the squadron.

GIFFELS & VALLET, Inc.
ENGINEERS AND ARCHITECTS
DETROIT, MICHIGAN



INTAKE AND SCREEN HOUSE

For

15' DIAMETER WATER TUNNEL TO POWER HOUSE No. 1

FORD MOTOR COMPANY

ROUGE PLANT

DEARBORN

MICH.

GIFFELS & VALLET, Inc.

ENGINEERS AND ARCHITECTS

DETROIT, MICHIGAN

Erected for the Ford
 Motor Co. Dearborn, Mich.
 Years 1929 -1932
 Rating - Draftsman
 (Spec. writer, Checker)

supply additional information concerning his standing and education, upon request from the Department of Licenses.

LETTER OF RECOMMENDATION

City of Detroit
Apr. 17 1933

To the Department of Licences of the State of Washington:

This certifies that I have known Benjamin K. Ruehl for Three years; that I, personally, knew him while he resided at Royal Oak in the State of Mich. during the years of 1929 to 1932, during which period he was engaged in active practice of EXPERIENCED as a student of DRAFTSMAN; that he is free from habits liable to interfere with his professional services; that his standing was good in that community and is good in the community in which he now lives; that he is worthy of receiving a license to practice architecture in the State of Washington.

Name Louis Rossetti
Address 606 Marquette Bldg, Detroit, Mich
Licensed under the laws of Michigan
(Name of State)

To practice architecture
Subscribed and sworn to before me this 25th day of April, 1933

(Seal)

Angela M. Gignac
Notary Public for the State of Michigan
residing at Detroit, Wayne County
My commission expires April 30 1935

Kindly return to B. K. Ruehl when filled out.

No Practitioner is expected to not know the applicant personally, and who is not willing additional information concerning his or her character, standing and education, upon request from the Department of Licenses.

LETTER OF RECOMMENDATION

City of Spokane, Washington
May 16 - 1933

To the Department of Licenses of the State of Washington:

This certifies that I have known Benjamin K. Ruchel for nine years; that I, personally, knew him while he resided at Spokane in the State of Washington during the years of 1924 to 1933, during which period he was engaged in active practice of draughting, architectural, as a student of _____; that he is of good moral and professional character; that he is free from habits liable to interfere with his professional services; that his standing was good in that community and is good in the community in which he now lives; that he is worthy of receiving a license to practice architecture in the State of Washington.

Name F. Ernest V. Price
Address 628 Hutton Bldg. Spokane, Wn.
Licensed under the laws of Washington
(Name of state)
To practice architecture

Subscribed and sworn to before me this 16 day of May, 1933

(Seal)

John E. Orr

Notary Public for the State of Washington
residing at Spokane, Wash.
My commission expires Jan 30, 1937

CERTIFICATE OF MORAL CHARACTER.

TO be signed by two reputable business men.

This certifies that I am acquainted with Benjamin K. Ruchel; that I believe him to be of good moral character and I hereby recommend him as entirely worthy to be permitted to take the examination for which he has applied.

Name M. J. Kelley Capt. U.S. Army
Address Fort George, Wash.
Name Charles J. Bennett Capt. U.S.A.
Address Fort Lee, Budget Wash.



STATE OF MICHIGAN
BOARD OF EXAMINERS FOR THE
REGISTRATION OF
ARCHITECTS ENGINEERS
AND SURVEYORS

BE IT KNOWN THAT

BENJAMIN KARL RUEHL

HAVING SUBMITTED ACCEPTABLE
EVIDENCE OF HIS QUALIFICATIONS
AND EXPERIENCE HAS BEEN
DULY REGISTERED AND IS HEREBY
AUTHORIZED TO USE THE TITLE OF

REGISTERED
ARCHITECT

IN WITNESS WHEREOF THE BOARD
GRANTS THIS CERTIFICATE BY 1894
WHICH SHALL EXPIRE JANUARY 1, 1910.

[Signature]
PRESIDENT

George Jensen
SECRETARY OF BOARD

John S. Hagarty
TREASURER OF BOARD

312 E. Sinto Avenue,
Spokane, Washington,
May 18, 1933.

Charles R. Maybury,
Department of Licenses,
Olympia, Washington.

Dear Sir:

Inclosed please find application and fee of twenty dollars (\$20.00) for registration as Architect by reciprocity. Any additional information will be gladly submitted either by myself or parties vouching for my past experiences.

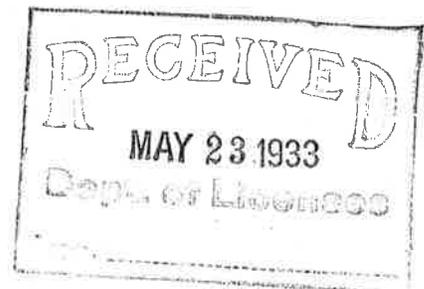
Any publications of interest to practicing Architects and a copy of the Code of Ethics recommended to the best interests of the profession will be gladly received.

Kindly return mounted photographs of buildings accompanying my application after submitting same to the Board members.

Your early consideration of the application, as suggested in your letter dated March 27, 1933 will be very much appreciated.

Very truly yours,

Benjamin K. Ruch



June 3, 1933

Mr. Benjamin K. Ruehl
312 East Sinto Avenue
Spokane, Washington

Dear Sir:

You are hereby advised that we are forwarding your reciprocal registration application to the members of the examining committee for approval or rejection. This is the customary procedure with all reciprocal applications for registration in architecture.

Upon receipt of the committee's report and return of your application, we will advise you according to their disposition of the matter.

Very truly yours,

DEPARTMENT OF LICENSES
BY

BH

DIRECTOR

①

312 E. Sinto Ave.
Spokane, Washington.
June 27, 1933

Hon. Charles R. Maybury
Director of Licenses
Olympia, Wash.

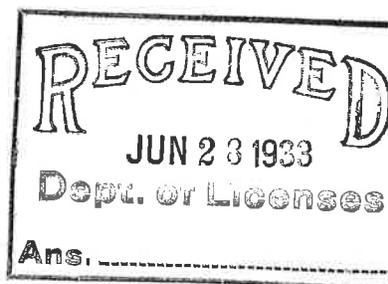
Dear Sir:

About May, 18th I forewarded an application for registration, by reciprocity to practice as Architect in this state. I understand the application has been received and considered by the examining board and found complete.

The season being especially favorable for practice, kindly inform me as to the status of my application.

Very truly yours,

Benjamin K. Ruelh.



JULIUS A. ZITTEL
ARCHITECT
AUDITORIUM BUILDING
SPOKANE, WASH.

PHONE MAIN 1937

June 7, 1933

Mr. Harry Huse,
Director of Licenses,
Olympia, Wash.

Dear Sir:

Your Board of Architect Examiners have given careful consideration to the application of Benjamin Karl Ruehl for reciprocal registration.

This applicant is a graduate of the University of the State of Michigan and took the examination in that State and was granted registration. The recommendations accompanying his application show him to be a man of good character and standing.

The above qualifications entitle Mr. Ruehl to registration without examination and your Board herewith recommends that a license be granted him.

Very respectfully yours,

Julius A. Zittel
Harry H. James
George Love

JAZ:E.

No Practitioner is expected to sign this recommendation who does not know the applicant personally, and who is not willing to supply additional information concerning his or her character, standing and education, upon request from the Department of Licenses.

LETTER OF RECOMMENDATION

City of Detroit Mich
April 10th, 1933

To the Department of Licenses of the State of Washington:

This certifies that I have known Benjamin Karl Ruehl for 4 years; that I, personally, knew him while he resided at Royal Oak Mich in the State of Michigan during the years of Oct 1925 to Dec 1929, during which period he was engaged in active practice of Draftman; that he is of good moral and professional character; that he is free from habits liable to interfere with his professional services; that his standing was good in that community and is good in the community in which he now lives; that he is worthy of receiving a license to practice as architect in the State of Washington.

Name H Maxwell Gryllo
Address Detroit Michigan
Licensed under the laws of Michigan
(Name of state)
To practice as architect

Subscribed and sworn to before me this tenth day of April, 1933

[SEAL]

McLuth J James
Notary Public for the State of Michigan
residing at Highland Park, Michigan
My commission expires Sept 19th 1934

CERTIFICATE OF MORAL CHARACTER.

To be signed by two reputable business men.

This certifies that I am acquainted with Benjamin Karl Ruehl; that I believe him to be of good moral character and I hereby recommend him as entirely worthy to be permitted to take the examination for which he has applied.

Name H M Maurkenzil
Address 800 Marquette Bldg Detroit Mich
Name W. E. Kapp
Address 800 Marquette Bldg Detroit

Ju



Mr. Benjamin K. Ruehl
312 East Sinto Avenue
Spokane, Washington

Dear Sir:

You are hereby advised that we are this day in receipt of the notice of acceptance of your application by the Examining Committee for registration by reciprocity.

We are preparing your certificate of registration and will forward same to you at the above address at the earliest possible date.

Very truly yours,

DEPARTMENT OF LICENSES
BY

EH

D I R E C T O R

UNIVERSITY OF MICHIGAN



In all who may read these letters Greetings

*Whereby it is certified that upon the recommendation of the
Colleges of Engineering and Architecture
the Regents of the University of Michigan have conferred on*

Benjamin Karl Ruehl

the degree of
Bachelor of Science in Architecture

*in recognition of the satisfactory fulfillment of the requirements
pertaining to this degree*

Dated this eighteenth day of June 1923



Shirley D. Smith
Secretary

W. L. Rosta
President

RECIPROCITY

Applicants for license or registration by reciprocity in addition to answering the questions on page 1, and furnishing the letter and certificate on page 3 of this form, must give satisfactory answers to the following:

1. What state issued the license upon which you base your application for a reciprocity certificate? Michigan
2. Was such license granted upon written or oral examination or registration? Written examination
3. Were you a resident of such state for a period of one year following the issuance of such license? Yes (Yes or No)
For how long? 2 1/2 yrs before, 4 yrs following registration.
4. In what other states have you applied for license or registration? None other than Michigan

(Specify State Board) (Date of application) (Result) (Certificate Number) (Date Issued)
 Period of practice therein from _____, 1 _____
 to _____, 1 _____
 (Specify if by examination or on credentials)
 (Exact dates)

(Specify State Board) (Date of application) (Result) (Certificate Number) (Date Issued)
 Period of practice therein from _____, 1 _____
 to _____, 1 _____
 (Specify if by examination or on credentials)
 (Exact dates)

5. Has any license entitling you to practice in any state or territory been suspended or revoked? No. If so, specify: where (Answer)
 _____; when _____; on what charge _____ (Be specific)
 (Specify state) (Give date)

6. Have you ever taken a written or oral examination in the State of Washington and failed? No.

7. Give the names and addresses of the President and Secretary of the County or State Society of the state on which you base your application for reciprocity. Mr. E. M. Walker, President Prof. C. L. Allen, President
Mr. Geo. Jerome, Secretary E. M. Walker, Secretary

Address- State Board of Examiners for Registration
 1043 Book Building
 Detroit, Mich.

Benjamin Karl Ruehl
 (Signature of Applicant)

State of Washington
 County of Spokane

I, Benjamin Karl Ruehl, being first duly sworn upon oath depose and say that the answers to the foregoing questions and the statements made in the above application for reciprocity certificate are true and correct.

Benjamin Karl Ruehl
 (Signature of Applicant)

Subscribed and sworn to before me this 16 day of May, 1933
 [SEAL]

Edw. Hughes
 Notary Public for the state of Washington
 residing at Spokane

My commission expires Jan 16 - 37, 1937

CERTIFICATE.

To be executed by the Secretary of the Board or Department of the State upon whose license the applicant relies for reciprocal registration in Washington
 I certify that the aforesaid Benjamin Karl Ruehl in his examination before the Mich. State Board of Examiners for Registration Architects, Engineers, Surveyors of this state attained a general average of 73.6% per cent and the following marks in the subjects named:
 (Give title of Board or Department)

Subjects	Per Cent	Subjects	Per Cent
Steel and Timber	60		
Reinforced concrete	74		
Building Materials, Methods, Specifications, etc.	80		
Architectural History	Exoused		
Roof Truss	90		
Architectural Design	64		

I do further certify that a license to practice architecture was issued to said applicant on the 9th day of May, 1928, upon the following qualifications: As the result of the above examination, three years of practical experience and graduation from the University of Michigan - 1923
 (Name of college which issued diploma and date of graduation)

and said license has not been revoked or suspended and that, from the records now on file in this office, I believe him to be of good moral character and worthy of professional recognition, and recommend him to the Department of Licenses of the State of Washington as a fit and proper person to receive recognition as an applicant for a Reciprocity Certificate permitting him to practice architecture.

In testimony thereof, witness my hand and seal this 13th day of April, 1933

Edw. Hughes
 SECRETARY OF THE Mich. State Board of Examiners f
 Registration Architects, Engineers, Surveyors
 Post Office Address: 1043 Book Bldg., Detroit, Mich

[SEAL]