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550 No. Larchmont Blvd., Los Angeles 90004

FOR: GRUBB & ELLIS COMPANY

ARCHITECT AND C.P.A.

MOVE TO BANK BUILDING

Adrian Wilson, distinguished architect, and D. J. Rudolph, certified public accountant, have moved into United California Bank Building suites at 535 North Brand Boulevard, Glendale, California.

Erv Bartel of Grubb & Ellis Company's downtown Los Angeles office represented all parties in the leases.

Wilson has retired from his regular architectural practice at 3250 Wilshire Boulevard, Los Angeles, and is now engaged in architectural engineering and consulting work.

Rudolph has moved his offices from 102 North Brand Boulevard, Glendale.

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HOWARD NEEDLES TAMMEN & BERGENDOFF

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Cape Coral, Florida
Casper, Wyoming
Charleston, West Virginia
Chicago, Illinois
Cleveland, Ohio
Dallas, Texas
Denver, Colorado
Fairfield, New Jersey
Indianapolis, Indiana
Jacksonville, Florida
Kansas City, Missouri
Los Angeles, California
Miami, Florida
Milwaukee, Wisconsin
Minneapolis, Minnesota
Newark, Delaware
New York, New York
Orlando, Florida
Overland Park, Kansas
Philadelphia, Pennsylvania
Richmond, Virginia
Seattle, Washington
Tulsa, Oklahoma

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Abu Dhabi, U.A.E.
Ankara, Turkey
Baghdad, Iraq
Lisbon, Portugal
London, England
Manila, Philippines
Rio de Janeiro, Brazil
Riyadh, Saudi Arabia
Seoul, Korea
Tehran, Iran
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Announcing
a merger of
architectural, engineering
and planning services

**ADRIAN WILSON
ASSOCIATES**

and

**HOWARD NEEDLES
TAMMEN & BERGENDOFF**

COMBINED SERVICES

The combined services of Adrian Wilson Associates and Howard Needles Tammen & Bergendoff are being merged into a single professional organization representing one of the nation's largest and most diversified architectural, engineering and planning services.

These two nationally-known design firms, among the oldest in their profession, merged their practices effective October 1, 1976.

The merger constitutes a joining of complementary specialties by two successful design firms. In their previous years of association on projects, they have worked effectively together and have recognized the potential to clients of the broader services possible through such a merger.

As individual firms they have planned and designed some of the major buildings, airports, environmental facilities, highways, and bridges in the United States and overseas.

The firm of Adrian Wilson Associates (AWA), architects, engineers and planners, has its home office in Los Angeles with overseas offices in Tokyo, Manila, Ankara, Seoul, Riyadh, Baghdad, and Abu Dhabi. Howard Needles Tammen & Bergendoff (HNTB), architects, engineers, and planners, has offices in 28 U.S. cities and in Lisbon, London, Rio de Janeiro, and Tehran.

AWA will become a division of HNTB and continue to practice under the name of Adrian Wilson Associates from its several offices.

The services of the two firms are expected to strengthen each other greatly. HNTB, in following a planned expansion program for some years, has deliberately maintained a decentralized structure with largely independent offices, drawing on skills from other offices as the project requires. This merger now gives HNTB a much desired California base and additional overseas strength.

ADRIAN WILSON ASSOCIATES

Adrian Wilson Associates was founded in 1929 and became a wholly-owned subsidiary of TICOR in 1970. With 400 employees worldwide, it has provided professional services on projects costing over \$3 billion. AWA services include feasibility and programming studies, site selection, master planning, architectural design including space planning and interiors, engineering, and construction administration. Over the years, the company has accumulated experience from over 4,000 projects throughout the world. Recognized as one of Los Angeles' leading architectural firms, AWA has designed many well-known Southern California area projects, among which are the Los Angeles County Mall and Criminal Courts Building, the Arnold Schoenberg Institute on the U.S.C. Campus, the Martin Luther King Hospital, and numerous educational facilities. AWA-designed convention centers in Las Vegas, Anaheim and Honolulu are aesthetic, functional and profitable.

Working with international and domestic governmental agencies, as well as with the private sector, AWA has provided design services for civil projects including: water treatment and sewerage systems, highways and bridges, airports, industrial plants, communications systems, and municipal facilities. AWA has also designed a wide variety of commercial facilities including: hotels and related recreational facilities, shopping complexes, housing communities, as well as educational and scientific buildings, hospitals and health care facilities.

A large portion of AWA's work has been overseas in the Pacific Ocean area, Korea, the Philippines and Turkey. Architecture, military installations, rural electrification, and agricultural, irrigation and drainage projects constitute much of this work.

AWA has maintained the highest standards of skill, service and integrity. The firm operates on the premise that good management, trained personnel, related experience, continuing research, plus a close liaison between the AWA team of experts and the client, are prerequisites for a successful project.

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HNTB

Howard Needles Tammen & Bergendoff is one of the largest consulting firms in the world, having provided design services on projects valued at more than \$6 billion in the last decade alone.

Founded in 1914 as a firm specializing in bridge design, it has expanded its practice to include virtually all types of environmental and transportation design, as well as urban and land planning projects, industrial parks, shopping centers, construction management, recreation and conservation projects, dams and reservoirs, water supply and waste treatment facilities, industrial processing plants, and architectural projects of all types. Frankfurter Inc., a wholly-owned subsidiary, serves the wood, pulp, and paper industry on the west coast.

Limited-access highway design has been a major activity. HNTB designed large parts of the interstate highway system, serving as general consultant for 18 major turnpike projects covering 1,200 miles of highway.

The firm has been active in airport planning and design and currently is performing consulting services for airports which account for one of every six passengers enplaned in the United States.

HNTB has a staff of approximately 1,000. Each of the firm's offices is largely independent, providing clients in its own region with direct, personalized services, and drawing on other offices for specialized skills as needed.

Two affiliated firms furnish specialized services for the HNTB organization: HNTB Inc., providing architectural services on a firmwide basis, and HNTB International Inc., providing comprehensive design services to clients overseas.

How healthy is construction in the Northwest?

How robust is the construction industry in the Pacific Northwest? Federal government economists say that the construction labor market there is extremely tight. But the views of officials in the state of Washington are divided.

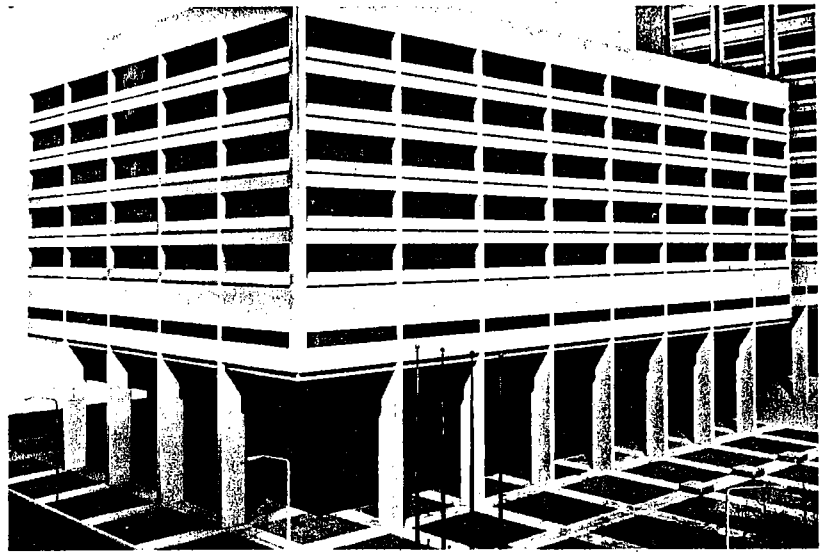
A recent forecast by the state's revenue department shows that 10,300 new construction jobs are expected through 1979. It concludes that out-of-state workers will be required to fill this need.

However, Austin St. Laurent, executive secretary of the Seattle Building Trades Council, describes a far different picture. He says that 2,000 construction workers in the state now will have to go out-of-state for jobs.

St. Laurent said the state report relies too heavily on out-of-date data. For example, it bases its predictions on workers needed for the Trident submarine base near Bremerton, construction of seven nuclear power plants, and buildings for the Trans-Alaska pipeline. Only the pipeline work has materialized to date. The Trident project has lagged. Several nuclear plants haven't been built and others are behind schedule.

According to St. Laurent, another reason the state report is inaccurate is that it doesn't take into account recent labor-saving devices. He said it now takes 1,100 electricians to do the same work that 1,600 did in 1972.

A sampling of Washington architects appeared to indicate that they, too, think the state's predictions are too rosy. The employment situation in the design professions can be best described as "stable," according to a spokesman for the Seattle chapter of the AIA. □



New home for Cleveland police

The Cleveland, O., Police Department recently began moving into its new \$19 million headquarters, part of the Justice Center Complex in the center of the downtown area. Architect for the nine-story building was Richard L. Bowen & Associates of Cleveland, and construction manager was Ozanne-Turner, a joint venture. The sixth floor contains 50 cells for persons being held for investigation. Security provisions include a 10-foot high wall at first level.

INTERNATIONAL

U.S. A-E moves into own Manila building

A seven story, tenant-owned condominium office building designed by the Los Angeles architect/engineering/planning firm of Adrian Wilson Associates (AWA) will open late this year in Makati, a suburb of Manila, the Philippines.

Adrian Wilson International Associates (AWIA) will be one of the building's tenants. The Corinthian Plaza building is one of five in the area designed by the firm.

AWIA has maintained offices in Manila for more than 20 years and currently occupies another building in Makati. Its purchase of 8,500 square feet on the third floor will provide it

with larger quarters.

AWA vice president Albert P. Martin said tenant ownership of space in an office condominium has not been widely practiced in the United States, but the concept has gained popularity in some foreign countries. Many other office buildings in Makati are tenant-owned.

The building will have a post-tensioned reinforced concrete frame and a mirror glass curtainwall. Interior public areas will use travertine marble. Wide column spacing will allow maximum office flexibility.

Cost of the project is expected to be about \$4.4 million. □

NEW DESIGNS

Retirement housing features atrium, other amenities

The new Trinity Towers building in Atlanta gives no clue that it is a church-owned retirement residence. Its triangular plan and covered atrium are among features which keep it from taking on the institutional appearance often associated with this type of building.

Architect was Taylor & Collum of Atlanta. Thomas Collum said the triangular plan provides the desired

large amount of open space while also allowing for the required number of apartments and satisfying building height limitations. Other advantages of the triangular design are that there are no actual or psychological "dead end" corridors, and each living space faces both atrium and exterior. Because of the building's configuration, it is not possible for residents of one apartment to look directly into

another apartment across the atrium.

Originally, the atrium was to be open to the sky. But to make it usable by the tenants, it was roofed with a translucent cover of fiber glass. The roof is supported by a modular space frame.

Early plans were for the atrium roof to be placed immediately above the top of the building walls. But this

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