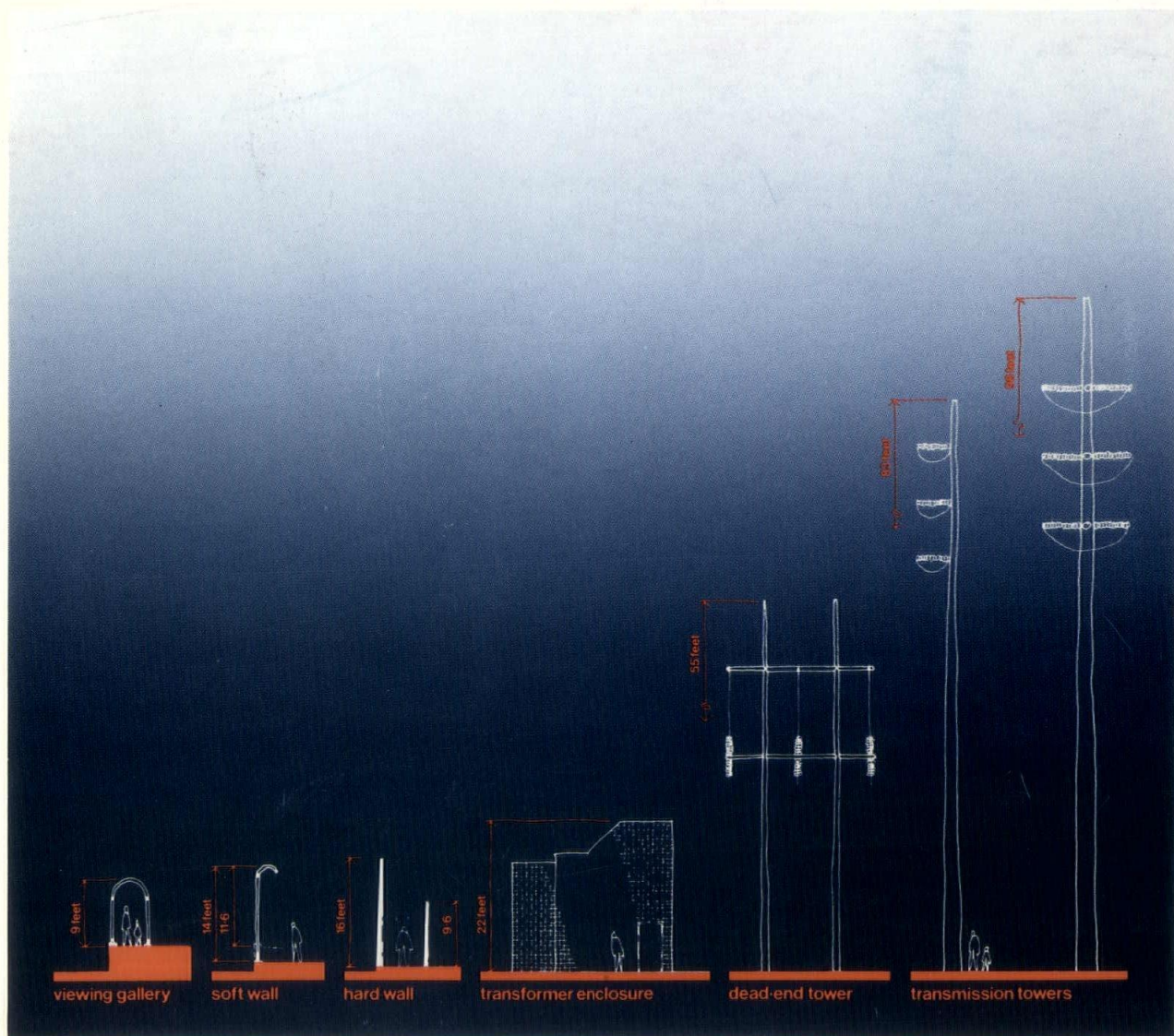


Northwest Architecture

The American Institute of Architects
Library
1735 New York Avenue, NW
Washington, DC 20006



Washington
Council

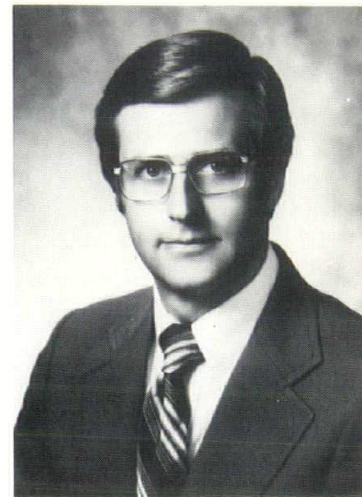
American
Institute
of
Architects

A Journal of Design
& Construction

January-February 1979

Comment

A Celebration of Architecture



The American Institute of Architects has embarked on a year-long effort to bring all people in closer touch with their built environment. It will be encouraging greater public awareness and understanding of what architecture is, how it can be enjoyed, and how it comes into being.

No other art form so completely pervades our daily lives. We live, work, study, and play in and around our buildings. Our surroundings affect our moods and temperaments. Certain buildings, parks, plazas, and streets lift our spirits, while others diminish them. Some buildings beckon us to them, while others seem formidable and uninviting. Architecture truly has a personal and often dramatic effect on everyone of us. Because of this, we must all share in understanding and influencing our architecture.

The architect relies upon the public's participation and interest in the design process, for it is that interest which stimulates the architect to achieve works of significance.

Ehrman Mitchell, the AIA's national president, puts it this way, "We (architects) must build a consciousness within our ranks of the importance of design excellence, and the importance of accountability. We have the responsibility to the public to create a better life through our design. We must be ever conscious of how we affect the people, the land, and our cities through our design efforts. And this comes through doing—not talking."

Historically, civilizations have been judged by the buildings they have left behind. As members of this present civilization, we must all (owners, designers, builders, suppliers, and users) encourage an even more effective architecture of consequence. We, therefore, invite all of our readers to take an active part in this "Celebration of Architecture" by honoring great achievements of the past, and by encouraging an architecture of consequence in the future.

Gordon E. Ruehl

GORDON E. RUEHL, AIA,
PRESIDENT, Washington Council
American Institute of Architects



Northwest Architecture

The Cover	Viewland-Hoffman Receiving Substation, Seattle. The formal elements involved in the substation. Page 10.	
Comment	A Celebration of Architecture	2
Engineering	Advanced Wastewater Treatment Plant, Spokane	5
Design	Waldron Pomeroy Polk & Smith Offices, Seattle	8
	Viewland-Hoffman Receiving Substation, Seattle	10
Planning	Weyerhaeuser DuPont Facility	13
	Talus, Bainbridge Island	14
Awards	Landscape Awards	16
Miscellanea	People, News, Previews, Products	18

Editorial Board: JAMES R. McGRANAHAN, AIA; GORDON RUEHL, AIA; JOHN MAHLUM, AIA; GERALD MOSMAN, AIA.

Editorial Staff: RELTA GRAY, Editor; BLAIR PATRICK, Publications Manager and Executive Director, Washington Council, American Institute of Architects; JACK ANDERSON, Design and Graphic Consultant, TRA.

Northwest Architecture, the official magazine of the Washington Council, American Institute of Architects, McCleary Mansion, Suite 6, 111 - 21st Avenue S.W., Olympia, Washington 98501 (206) 943-6012, is published six times a year by Grawin Publications, 1020 Lloyd Building, Seattle, Washington 98101 (206) 624-4070.

Application to mail at controlled circulation postage rates pending at Seattle, Washington. Subscription rate: \$20 year. Single copies and back issues \$3.50 per copy when available. Editorial and advertising materials, address corrections, should be sent to Grawin Publications.

Opinions expressed by contributors are not necessarily those of the Washington Council, American Institute of Architects.

Copyright© 1979 by Grawin Publications.



**A Journal of Design
& Construction**

Vol.2 No.1

Founder Contributors

Founder Contributors

Washington Council, American Institute of Architects, extends its appreciation and thanks these Founder Contributors for their financial support and faith in the publication of *Northwest Architecture*.

Additional contributions are welcomed at the offices of the Washington Council, American Institute of Architects, McCleary Mansion, Suite 6, 111-21st S.W., Olympia, Washington 98501.

James E. Adkins, Jr., AIA, CSI
Architect
Adkinson Leigh Sims Cuppage
Architects, P.S.
Arnold N. Andring, AIA & Associates
Architectural Offices of Alan Liddle
Bazemore Associates Architects
Bouillon Christofferson & Schairer,
Consulting Engineers
Bradbury and Stanek Architects
Lt. Col. H.F. Broman, USAF (Ret.)
James T. Bugbee, Jr., AIA
The Callison Partnership
Chao-Liang Chow
Stuart D. and Arden Charles
R.W. Copeland, Jr., AIA
Craig & Lawson, Architects
Cummings/Schlatter Associates
Leo A. Daly and Associates
Harold E. Dalke, AIA and Associates
DeNeff-Deeble-Barton-Associates,
Architects & Planners
Robert H. Dietz, Architect, FAIA
Falter-Masini, AIA, Architects
Flotree-Sogge Partnership, AIA,
Architects
Harold B. Foss
Fraleigh & Leighton Architects
Gabbert Associates Architects, AIA
Geise & Associates Architects
Glassie-Merritt Architects, AIA
Carl F. Gould, AIA Architect
John Graham & Company
Harthorne, Hagen, Gross, AIA
Associates
The Hastings Group-Architects
Richard A. Hicks, Architect
Dorothy A. and Ted J. Johnston
Jones & Jones
Joyce/Nordfors & Associates
William N. Keefer, RA, AIA, CSI
Kirk, Wallace, McKinley, AIA &
Associates
L.R. LaDouceur, Jr., AIA
Mahlum, Mahlum & Nordfors
Architects

Catharine and Greg S. Martinson
John W. and Marilee Marshall
McClarty & Johnston, P.S., Inc.
McGranahan, Messenger Associates
Morse/Stafford Partnership
Naramore, Bain, Brady & Johanson
Nelson/Walla/Dolle & Company, P.S.
Charles T. Pearson, FAIA
Albert D. and Betty Poe
Alex E. Reikes
Gordon E. Ruehl, AIA
SRS Design Team, P.S.
Thomas A. Sconzo/Architect
David M. Scott, Architect, FAIA
Shavey DeGrasse Shavey Partners
in Architecture
M. Lyle and Phyllis J. Spears
Southwest Washington Chapter,
American Institute of Architects
Dennis T. Su, AIA, Architects and
Consultants
TRA
TSG/Architects
Tan-Brookie-Kundig Architects
Thiry Architects, Inc. P.S.
Matthew R. Thompson, Architect
Roger K. and Kay L. Wagoner
Walker McGough Foltz Lyerla, P.S.
Washington State University Department of Architecture Faculty
Weyerhaeuser Company
Whiteley Jacobson & Associates, Inc.
Wright Gildow Hartman Teegarden

Advanced Wastewater Treatment Plant

The first wastewater treatment plant for the City of Spokane was constructed in 1958 on a bench above the Spokane River which flows through the city. This plant consisted of primary treatment and disinfection only with discharge of effluent directly to the Spokane River. In 1973, the Washington State Department of Ecology, in accordance with requirements of the Federal Water Pollution Control Act of 1972, directed the city to upgrade its facility to meet secondary treatment standards, plus 85% removal of phosphorus by mid-1977.

The short time frame available plus numerous other requirements dictated a rigid schedule and a strong performance from the engineers and constructors of the project. Bovay Engineers, Inc., Spokane, assisted by Camp, Dresser & McKee, Inc., Boston, were retained to plan, design and supervise construction of the project. Construction of the modifications to the plant commenced on schedule in early 1974 by Hoffman Construction Company, Portland, and the new secondary treatment facilities were placed in service August 1977.

Foremost among the requirements was the necessity to upgrade the plant to the required degree of treatment to assist in improving the water quality of the Spokane River. Although the existing primary plant could handle a peak flow of 57 million gallons per day (MGD), the upgraded primary and secondary facilities were required to handle peak flows of 77 MGD. When plans and specs were nearly complete, an additional requirement was placed to provide primary treatment for a stormwater flow of 89 MGD. To compound the design and construction difficulties, the site was physically limited to 30 acres. This included



the existing plant which was required to be in service throughout the new construction.

It was determined the most cost effective design must include upgrading and expanding the existing plant as opposed to building a new plant in another location. However, available land area at the existing site was extremely limited. The plant was located on a narrow bench along the steep-walled valley of the Spokane River, with a second bench located below it

adjacent to the river. The new secondary plant was "folded" onto the lower bench with the flow through the plant following a circuitous path from the headworks to the chlorine contact basin and the river. The limited area required many innovative space-saving techniques in the design in order to incorporate the required structures.

The primary space saving technique was the folded layout of the major unit processes on the restricted

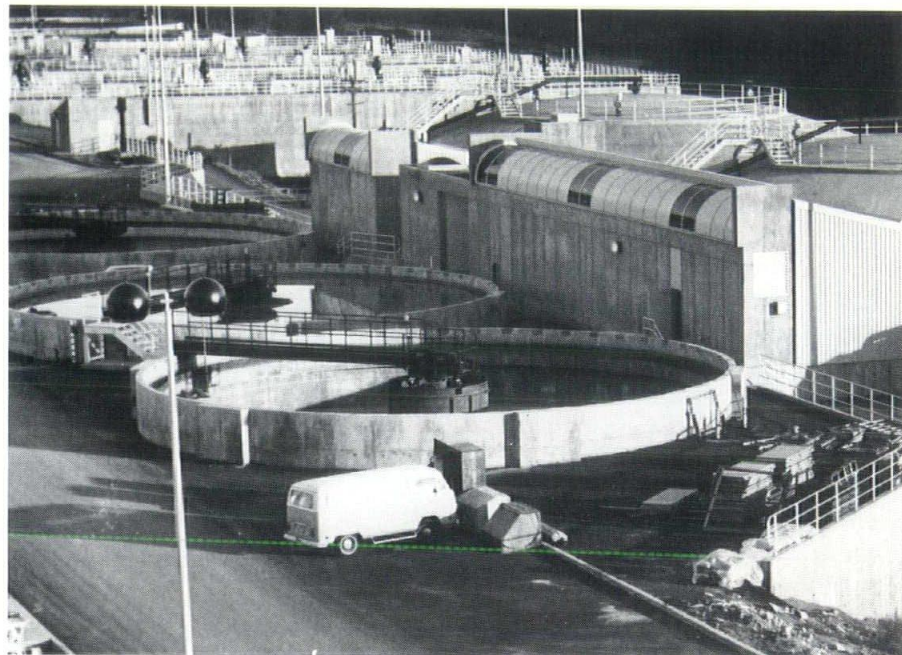
Advanced Wastewater Treatment Plant Continued

site. With this arrangement, sufficient latitude existed to allow provision for future plant expansion. Other space-saving techniques include the use of three-story buildings. Their stacked construction provided additional area for the main processes whose size could not be reduced.

The provision of year around all-weather accessibility to all major items of equipment was a high priority design item. An extensive tunnel system ($\frac{1}{2}$ -mile of tunnels) provides access to five major underground pump galleries. Another high priority item was energy conservation. The methane gas generated in the anaerobic sludge digesters was utilized to provide energy for the plant wherever possible. In addition, the HVAC system was designed to emphasize energy conservation.

Due to the brief amount of time available for construction of the new facilities, many time-saving features are incorporated into the design and construction. Tunnels were constructed using a specially fabricated, rail-mounted hydraulic slip form allowing a new tunnel section to be poured every third day. This made possible the construction of over 2400 ft. of tunnel in one summer. Much of the underground structural work was expedited using offsite fabrication of structural forms. The use of victaulic couplings also resulted in a savings of construction time.

Another primary design consideration of the Advanced Wastewater Treatment Plant was aesthetics. The facility is below an attractive residential area located on the ridge above the site. This factor, plus the city's desire to have an attractive and aesthetically pleasing facility required a significant design effort to produce the de-



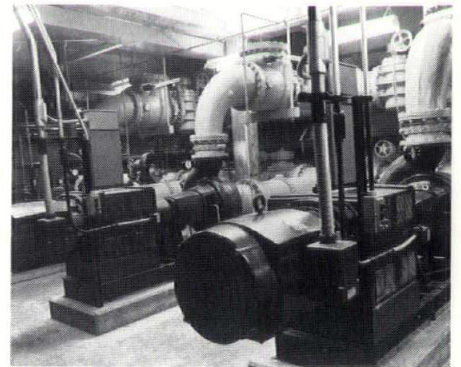
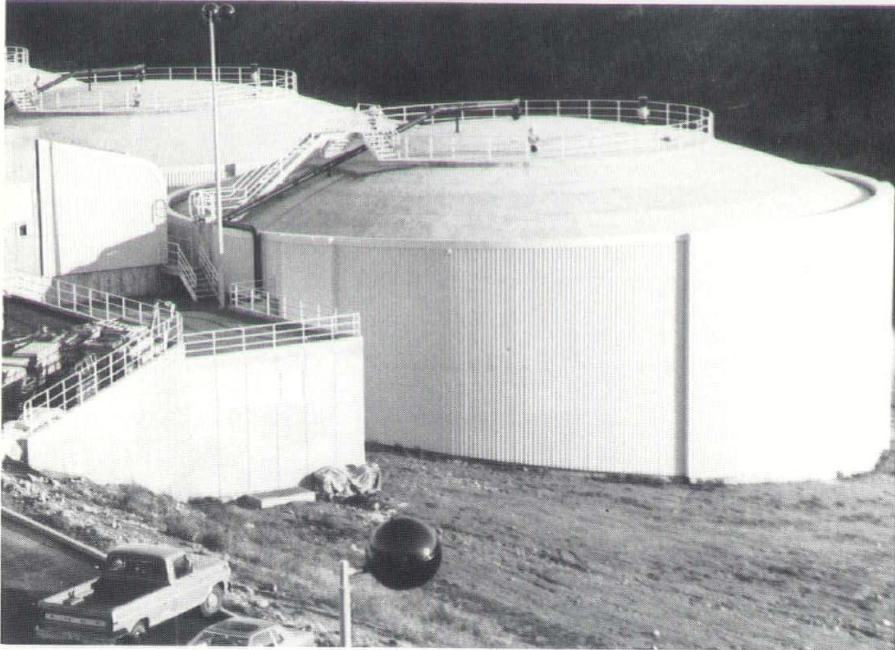
sired finished product within the limited budget allotted for this item.

The exterior concrete construction was specified to blend with the surrounding terrain. Decorative metal panels were selected with different seasons and background colors of the natural vegetation taken into consideration. The site is extensively landscaped. Excellent employee facilities are provided. A modern interior lighting system was incorporated and tinted skylights, which allow natural light to penetrate spaces 25' below grade, add to the aesthetic values.

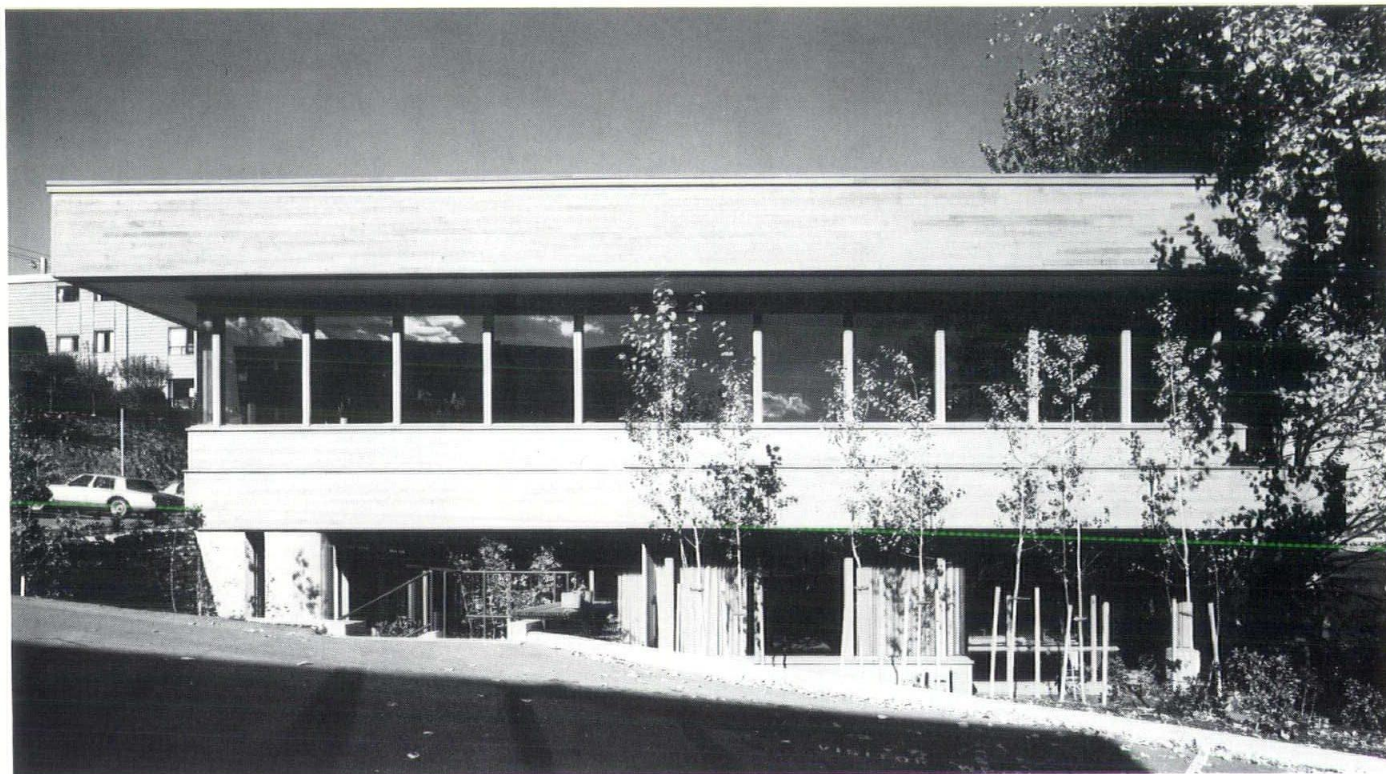
During construction, several obstacles had to be surmounted in keeping the existing primary treatment plant in service. Diversion boxes were required to transfer flow between old and new lines in order to prevent bypassing raw sewage to the river. An existing well for city domestic water had to be kept in operation. An existing oil products pipeline had to be re-

located downstream and a complete rework of the electrical distribution system to and within the plant was required.

Total cost of additions and modifications was \$45 million, including engineering, construction costs and ancillary projects, all of which were performed in less than five years.



Waldron Pomeroy Polk & Smith Offices



Ed Hershberger photos

The decision to design a structure and build it to fulfill a firm's own needs is a difficult one to make. There are so many factors to be considered—costs, site, the environment, the people. Locating a suitable site is a major consideration since it must not only accommodate the design, add to the enjoyment of the employees, enhance the stature of the firm, but, most of all, it must be an economical purchase.

Seattle architects Waldron Pomeroy Polk & Smith, after many years in one location, had the need for more space plus an urge to "own their own space." Discovering an overlooked, difficult site above Westlake Avenue, with a view of Lake Union through the trees, was the beginning of the firm's own office building.

The project proceeded through

several individual designs, spanning inflationary cost spirals, and eventually culminating in the completion of the building at 1721 Eighth Avenue North, Seattle.

Forced by site restrictions and anticipated costs to sink the lower floor into the hillside, yet wishing to retain an open feeling on the downhill side of the building, the architects designed a simple, straightforward wood framed, two story structure. The building rests on a concrete slab where cut into the earth and is supported by concrete piers above the hillside to the north.

Anticipating a potentially greater saleability of the upper view floors, the firm chose the lower level for its own and developed it accordingly. Conference rooms and principal office areas were laid out on the exposed perime-

ter. These were designed with oak framed sliding glass doors which provide privacy when required but allow the inner spaces to see through to the view outside. Because of this open concept, the inner work spaces and drafting room do not suffer from being "dug" into the hillside. Small courtyards on the hill side of the building contribute to this concept.

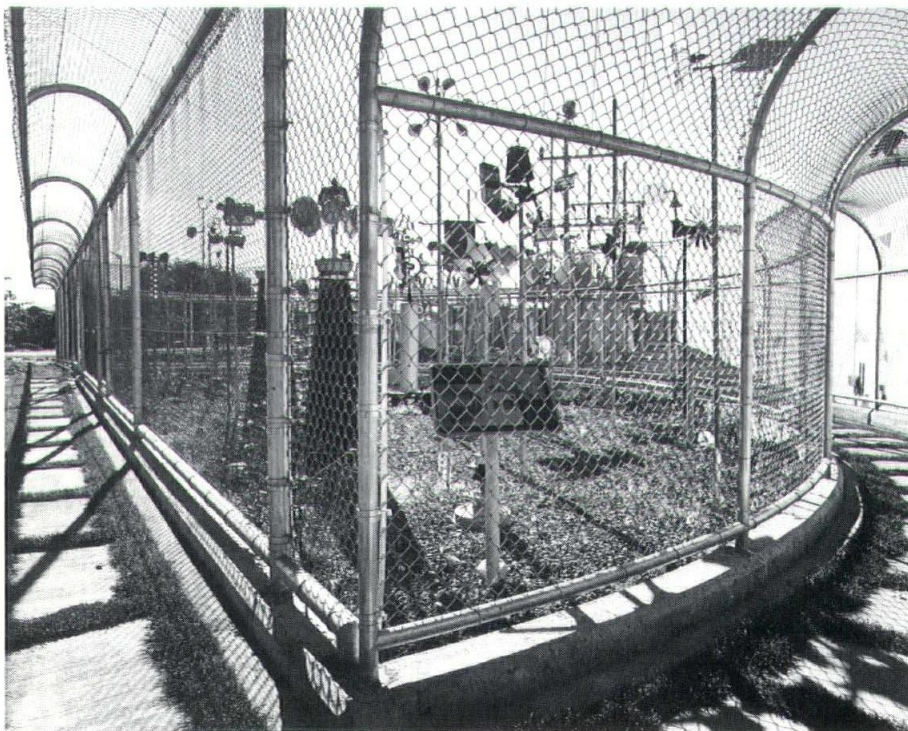
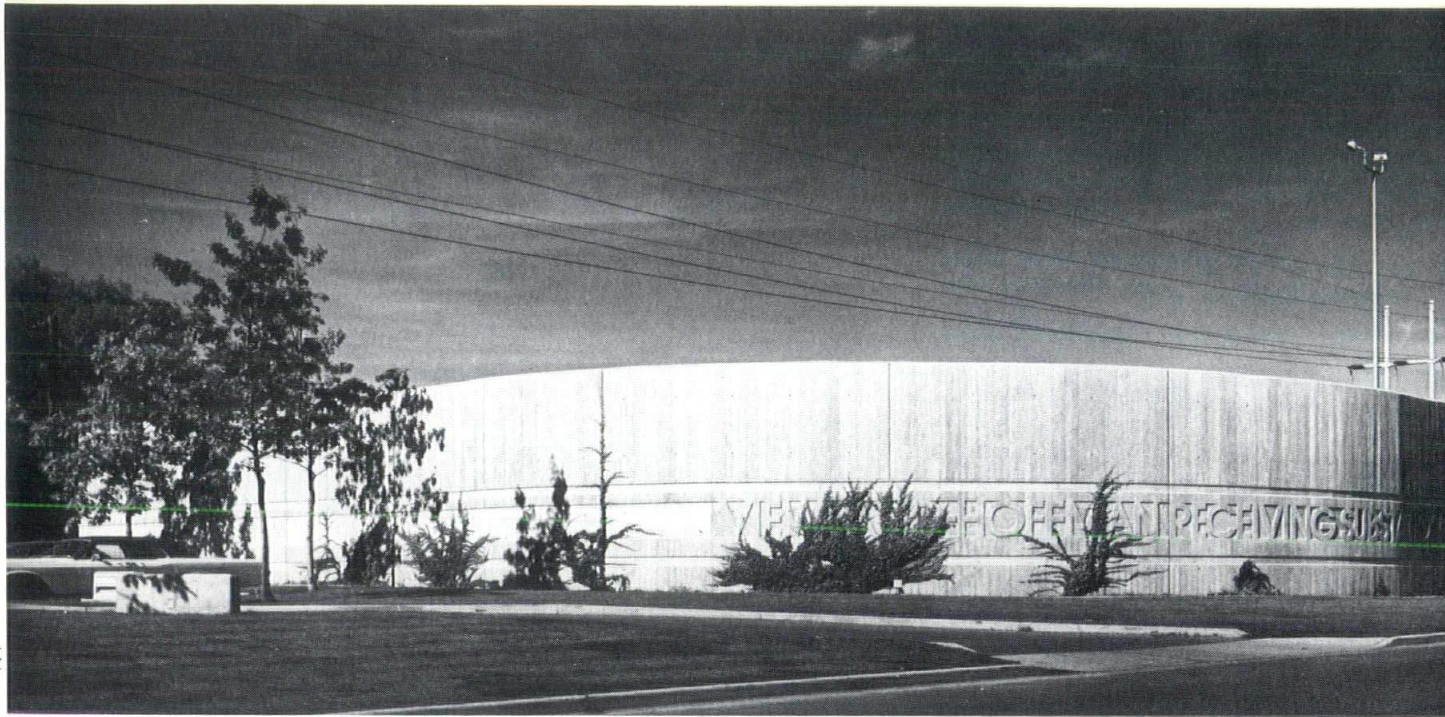
The architects note that "all in all, it has been a most informative and profitable venture."

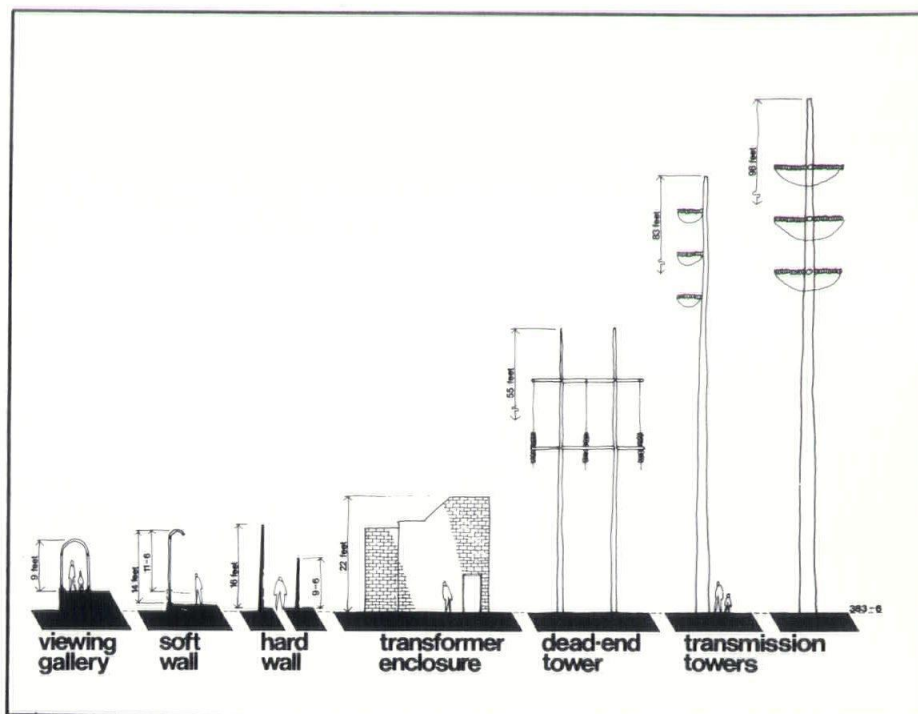
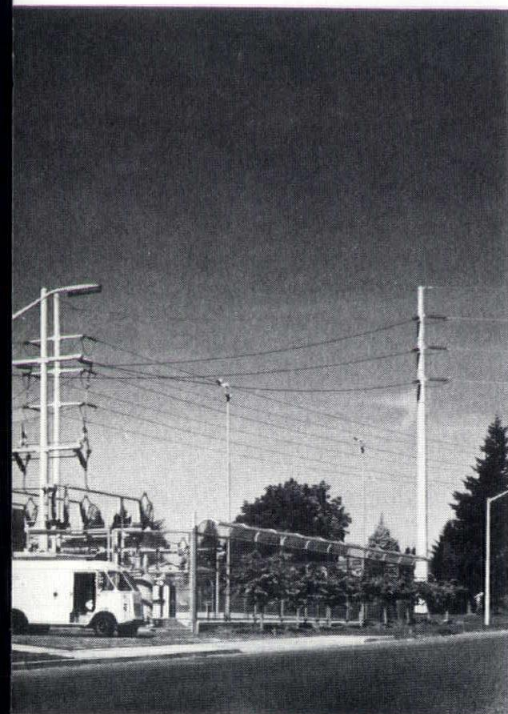


Design

Viewland-Hoffman Receiving Substation

Art Hupy photos





Integrating a receiving substation into a residential area challenges the building team. The project must satisfy the requirements of the utility and, at the same time, be acceptable to the neighborhood where it is to be located.

The Viewland-Hoffman receiving substation, owned and operated by the Department of Lighting, City of Seattle, answers the requirements. It is located on one-half of a city block in a single family residential area.

Architects Hobbs/Fukui Associates headed the design team which included architects from the Department of Lighting, engineering consultants, the contractor, and three artists who were part of the city's One-Percent for the Arts program. The team collaborated on site planning, the building design and a community involvement program.

The concept was to integrate and relate to the various industrial and technical elements and equipment which form the workings of the substation. An aluminum pipe and wire mesh "soft wall" provides visibility into the substation. In contrast, a poured-in-place concrete "hard wall" was designed as a backdrop to the equipment. A metal skin building encloses the interior equipment.

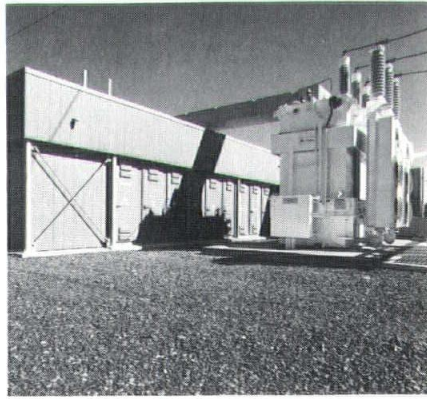
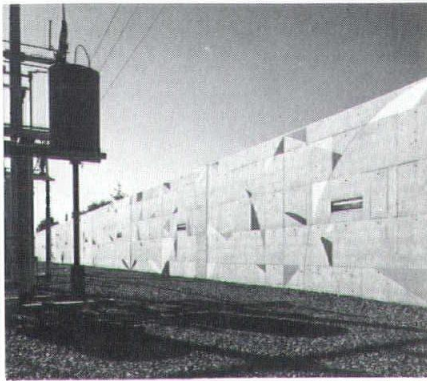
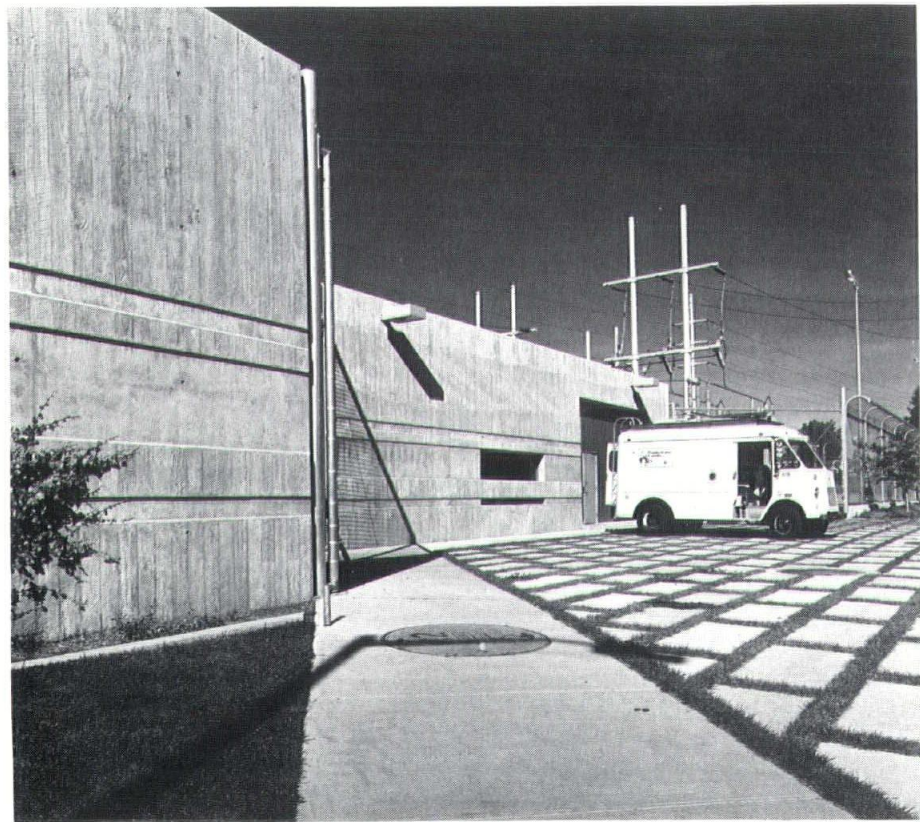
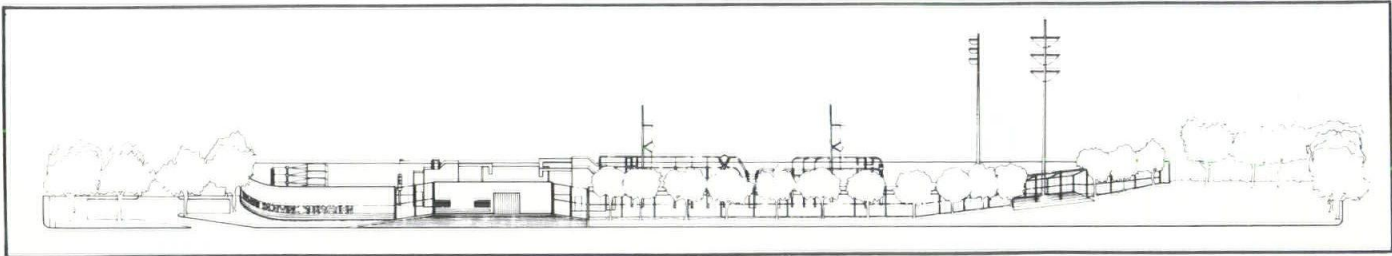
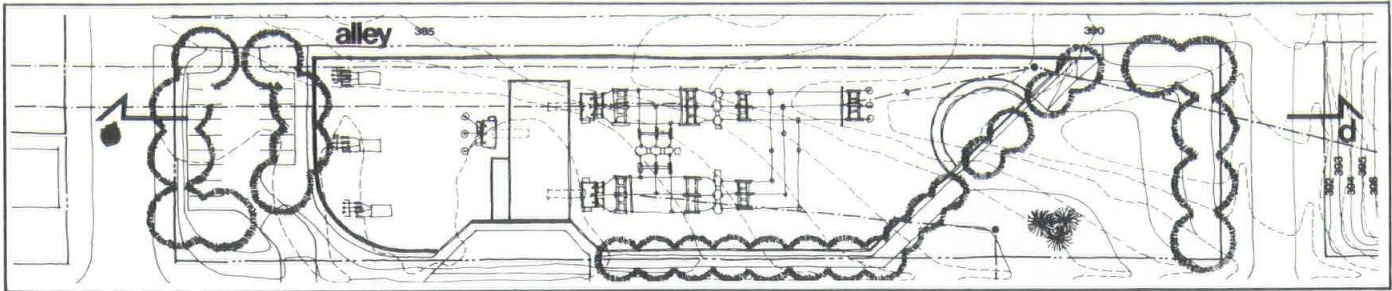
The artist participation and the community involvement program added another dimension to the successful acceptance of the facility into the fabric of the community.

The substation was completed in September 1977. It was accorded a Seattle-King County Board of Realtors Environmental Award in 1978.

Working with the architects were Thomas L. Berger, landscape architect; Wood & Associates, mechan-

ical engineers; J. C. Fowler & Associates, electrical engineers; Arango Construction Company, contractor; and the Department of Lighting, City of Seattle who performed structural engineering planning. A graphic team of artists, Sherry Markovitz, Andrew Keating and Lewis Simpson, selected art for the project.

VIEWLAND-HOFFMAN RECEIVING SUBSTATION



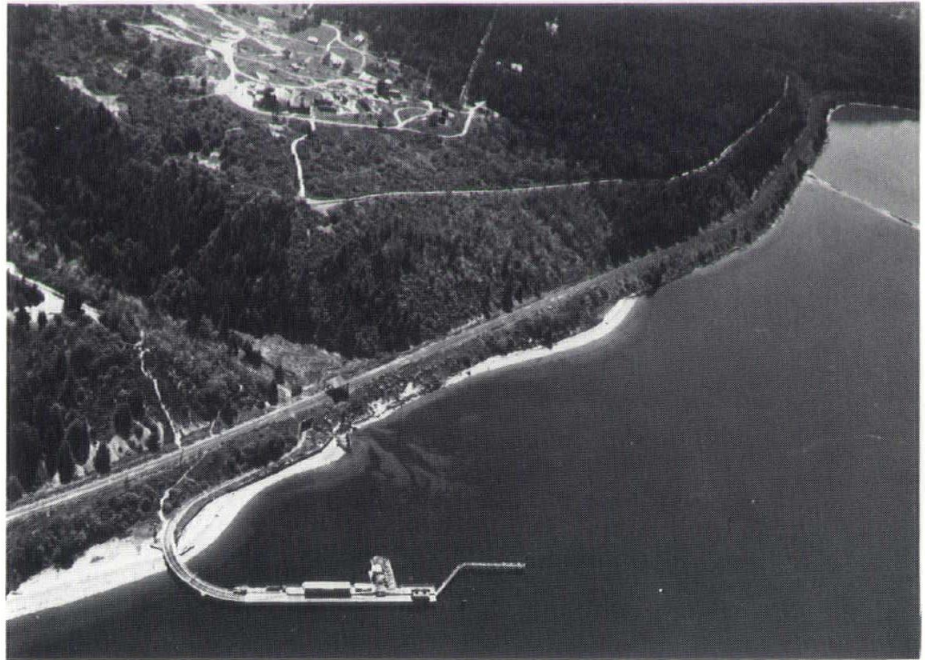
The Weyerhaeuser DuPont Facility

Recent news coverage has thoroughly detailed the "pros" and "cons" of Weyerhaeuser Company's somewhat controversial proposal to construct and operate an export facility at DuPont, Washington. The site was planned to serve as a central location for receiving forest products from the company's Western Washington operations, permitting rapid loading into ocean going vessels.

Much of the controversy centered around the location. The City of DuPont is bounded by privately owned land, Puget Sound, U.S. Interstate 5 and the Fort Lewis Military Reservation. The site borders the environmentally sensitive Nisqually Delta Wildlife Refuge.

With the acceptance of the site and final design by the City of DuPont, more than two years of assessment efforts by URS, a multi-disciplinary professional services corporation, were ended. Retained by Weyerhaeuser Company to serve as environmental consultant, URS had the overall responsibility for preparation of the Environmental Impact Statement, with further responsibility for taking the statement from conception through publication.

The proposed multimillion dollar project includes replacement of the existing dock and necessary loading equipment, a marshalling area for finished products and logs, a debarker, a materials handling system to move products to the dock, a terminal area for receiving, handling and storage of finished products and logs, the necessary supporting road access from the interstate system, and rail access. The facility will occupy 3200 acres.



URS, in an innovative approach, integrated the impact assessment process with site and design selection. Intrinsic to the assessment process, URS developed a public participation program that was instrumental in gaining local acceptance of the potentially controversial project. URS involved the public at every stage of its environmental impact assessment to ensure that the final design met public acceptance. In meeting with the public, URS established a work plan for its assessment outlining studies, important issues, and procedures to be undertaken. This work-plan concept permitted a mutual acceptance of alternatives by Weyerhaeuser and the community.

URS was responsible for preparation of the Environmental Impact Statement, a recent award winner in the Consulting Engineers Council program.

Talus: A Development on Bainbridge Island

The sensitive nature of any development on Bainbridge Island—a highly concentrated yet open space residential area—was the criteria for the care, research and community involvement that went into the planning for Talus, a 130 acre planned unit development.

The design team—Seattle architects Shavey DeGrasse Shavey Partners in Architecture with Pazooki and McMenamin, Silverdale, consulting engineers, and John Noble of Robinson and Noble, Tacoma, geological consultants—not only worked closely with Ben Zane, the developer, but also with Kitsap County. The team has spent almost a year in research and design work incorporating the latest techniques in studying water and drainage aspects as well as other ecological systems.

Plans have been graphically developed to inform the community on what is involved in Talus and how it will affect Bainbridge Island. The step-by-step plans are large, well illustrated, easily read documents that take the viewer from early site selection, through topography, existing growth, water levels, utilities (existing and planned) and the design ideas for structures, related amenities, and community services.

An assessment of the development's effect on island traffic, schools, water supply, and other concerns was included in the recently filed environmental impact statement. Preliminary applications for Planned Unit Development and subdivision approval have been submitted to the county with review scheduled by the Bainbridge Island Planning Advisory Council in about a month.

The site, near the Bainbridge Sportsmen's Club and off Wardwell Road, is sparsely developed. The developer has asked the design team to research all aspects of the location and its effect upon the community.

One of the primary concerns of the residents was the ground water situation. In researching the problem, the design team found that there was no history of water levels on the island. In the geological surveys, one boggy area was found on the site. Plans are to turn this into a natural retention area for water runoff.

Because of the topography, homes within the site will have either individual septic systems and drainfields or individual septic tanks with community drainfields. Water will be from a deep community well or wells with a proposed 125,000 gallon water storage system.

As planned, Talus will have 130 housing units: 100 single family homes and 30 townhouse condominiums. The development has been designed in a clustering concept with seven or eight clusters of homes set among existing evergreen trees. Homeowners will pay for and maintain community roads, recreation facilities, grounds, water and sewage systems. Plans call for one house per acre with half of each acre for common, open ground.

Suggested covenants include a prohibition on fences, mandatory storage in screened areas for campers, boats or motor homes, approved landscaping review, and a maximum time for construction after lot purchase. A shuttle bus service to the ferry terminal operating at peak morning and evening commuter hours, will not only decrease traffic on roads leading into Talus, but will cut down on commuter parking at the ferry terminal. The bus service would be available during the day for Talus residents or community use.

Zane, according to Kitsap county officials, is following the law to the letter and even going beyond what is required for a PUD. These guidelines enable the developer to obtain a higher density than would be permit-

ted under current zoning. The Bainbridge Island Planning Advisory Council, in the current comprehensive plan review process, will consider whether PUDs will be allowed in rural areas. Zane, by having already submitted his application, seems protected by future zoning law changes. The trade off for more housing units is more open space and greenbelts. The Talus proposal would cover 60 acres, leaving 70 acres in open greenbelt.

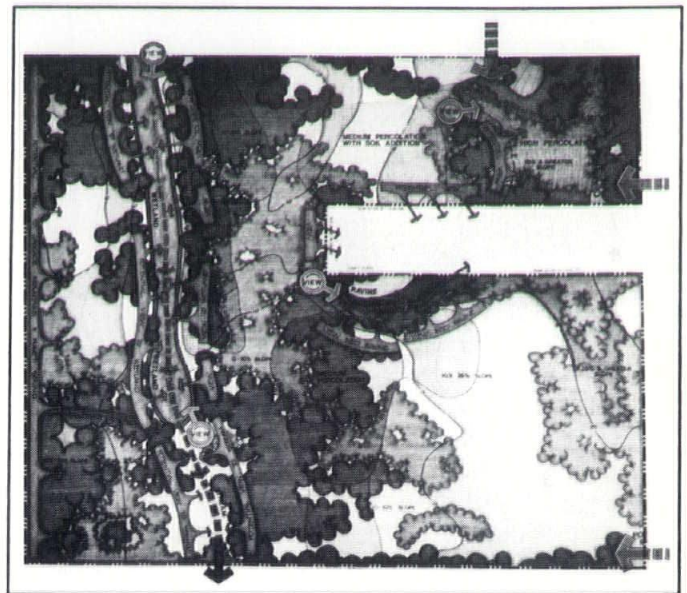
The careful and dedicated research and planning that has gone into this major development has impressed those with whom the design team and the developer have been working. The plan is community oriented with a desire on the part of all participants that it work as well for current residents as for the 300 or so new residents Talus will attract to Bainbridge Island.

Talus, created by a son of Zeus, the chief god of ancient Greeks, was dedicated to protect the island of Crete and his queen, Europa, so she could live in peace and tranquility.

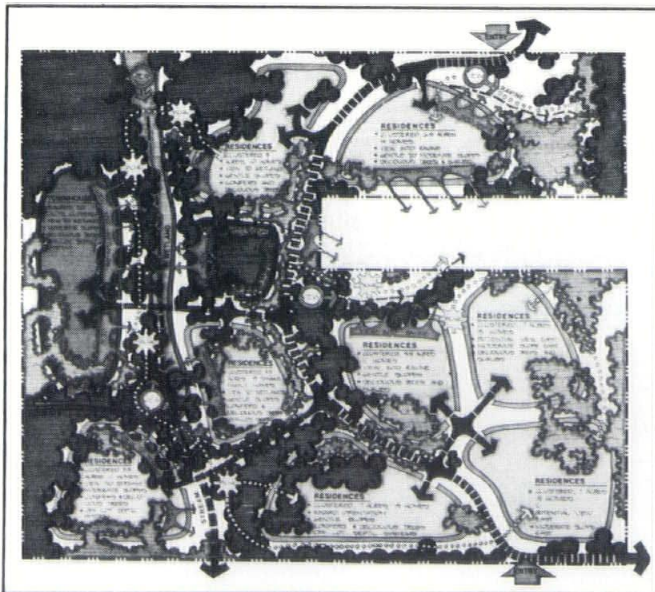
Talus, by design and direction, was dedicated to protect the island of his queen so she could live in peace and tranquility.



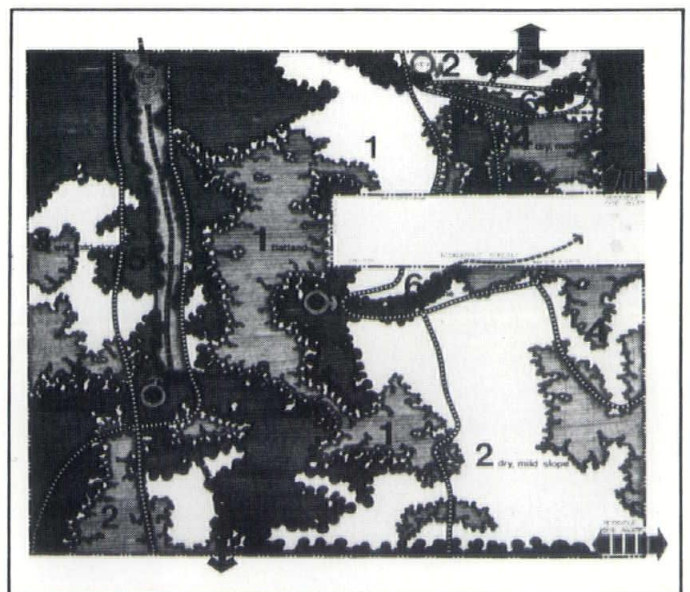
Site Plan. Outlines the site size of 130 acres with allowance for 100 single family lots of 18,000 sq. ft. each, 30 condominiums, the linear feet of roads within the development, the percentage of open space.



Site inventory. Shows the site grades, percolation and natural vegetation. The illustration indicates the best areas for building, for recreational areas, and for wildlife refuges and nature trails.



Bubble Diagram. Indicates site assets and how the development will fit into the site. Design parameters are shown with the view potential in all areas.



Land Use Zones. Locates the flatlands (Zone 1); the dry, mild slope areas (Zone 2); the wet, mild slope (far left in illustration—Zone 3); site which is too steep for building (Zone 4); the wetlands (Zone 5) and the deep ravine (Zone 6).

Landscape Awards

Landscape Awards Honors Four Categories

Recipients of the first annual design awards of the Washington Chapter, American Society of Landscape Architects, included both civic and professional categories.

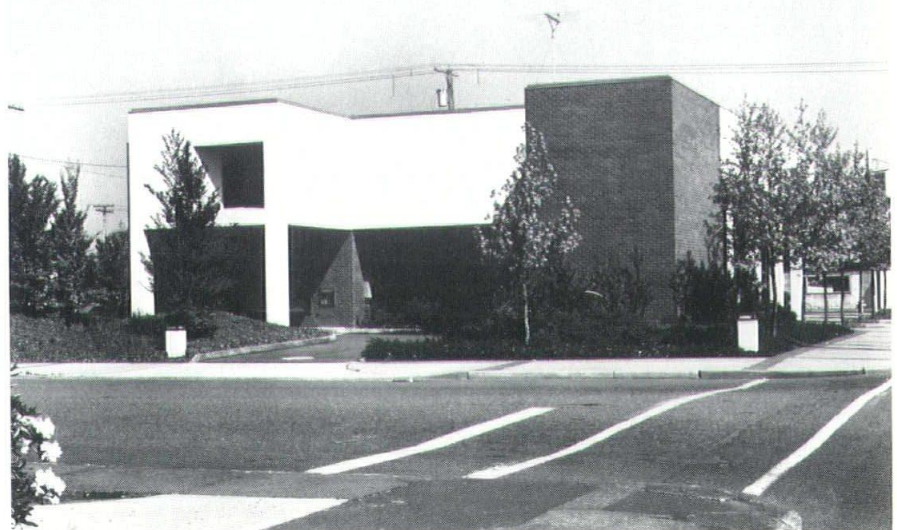
In the professional awards division, honor awards were given in four separate categories. In residential design, Thomas Berger was cited for his work on the Bode residence. In the commercial division, Jongejan-Gerrard were honored for the firm's own offices in Bellevue, and Thomas Berger was again honored, this time for United Mutual Savings Bank, Puyallup. Honor awards went to Jongejan-Gerrard Associates in the park and recreation category for Samish Park in Whatcom County, and to Jones & Jones for Woodland Park Zoo exhibits. In the planning category, Jones & Jones were honored for the Yakima River Greenway.

Civic awards were presented to the City of Spokane, the Seattle Department of Parks & Recreation, King County Department of Parks and the Whatcom County Park & Recreation Department. These agencies and departments were cited for their continuous support of the landscape architecture profession and their contribution to man's environment.

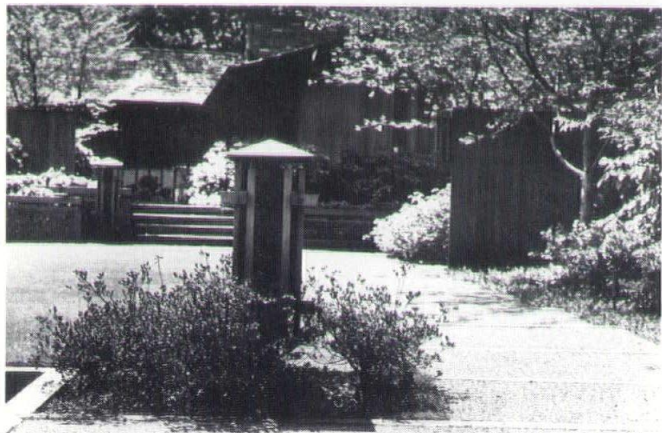
Merit awards were presented in all categories, except residential. The awards were presented to Richard Haag Associates, Thomas Berger and Jongejan-Gerrard Associates.



JONGEJAN/GERRARD/ASSOCIATES offices in Bellevue won an Honor Award in the commercial category for the owner/designers. The project was cited as an excellent example of what can be accomplished on a small site in a suburban commercial area. The jury commented: "The entire design focus is toward a blending of architecture and landscape into an inwardly oriented theme."



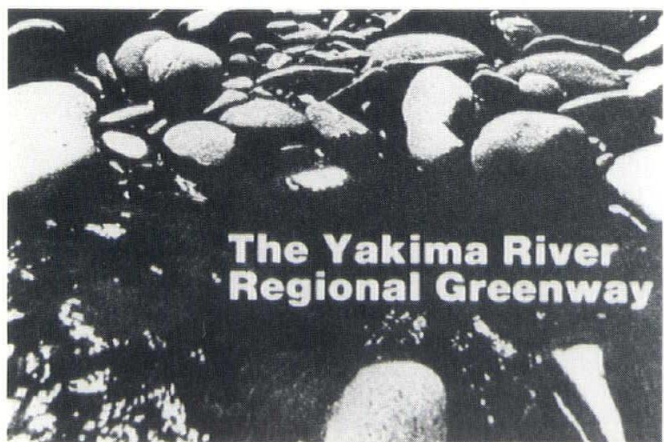
UNITED MUTUAL SAVINGS BANK, Puyallup, was named an Honor Award in the commercial category. Landscape architect Thomas Berger was cited by the jury for "an extremely thoughtful solution that acknowledges all bank functions but also addresses the user and the passerby in the larger urban design concept".



BODE RESIDENCE, Bellevue, received the only Honor Award in the residential category. Thomas Berger took a small residential lot and created an elegant and beautifully detailed garden that expresses the best qualities of landscape architecture."



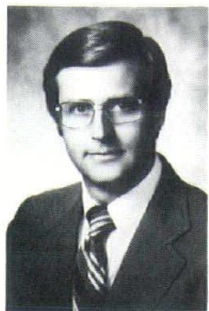
SAMISH PARK, Whatcom County, won honors for Jongejan/Gerrard/Associates in the park and recreation category. "The designers packed a lot into a small package. The detailing is not normally associated with a county park and only rarely with a city park."



YAKIMA RIVER GREENWAY, the only honor award in the planning category, went to Jones & Jones for "a thorough, concise, well documented and well presented planning study, including capital improvement elements".

WOODLAND PARK ZOO EXHIBITS (not illustrated) were honored in the park and recreation category. Jones & Jones were cited for "masterful expression of the science and art of landscape architecture. A good expression of the design team's role in zoo management programming and phasing of future additions."

People



Gordon E. Ruehl, AIA, Spokane, has been elected president of the Washington Council, American Institute of Architects. He succeeds **James R. McGranahan**, AIA, Tacoma, who

will serve as past president. Other officers elected for 1979 are **John E. Mahlum**, AIA, Seattle, president-elect, and **Gerald W. Mosman**, AIA, Walla Walla, secretary-treasurer. Completing the nine member Board of Directors for 1979 are **Darrel K. Adams**, AIA, Yakima; **Clayton R.**

"**Bob**" **Joyce**, AIA, Seattle; **Arthur G. Forbes**, AIA, Tacoma; **E. Norman Sylvester**, AIA, Spokane, and **Vaughn L. Lein**, AIA, Vancouver.

Terry Deeny, president of Deeny Construction Company, has been elected president of the Seattle Chapter, Associated General Contractors of America. Other officers are: **Edward F. Mothersbaugh**, first vice president; **James P. Crutcher**, second vice president; **Robert Scalzo**, secretary, and **Larry E. Johnson**, treasurer.

James E. Hussey, AIA, has been elected president of the Y.M.C.A. of Greater Seattle.

James D. Cowan, FAIA, vice president and manager, architecture section, Seattle-First National Bank, Seattle, has been named vice president and manager, planning and design section, bank properties division.

David D. Kennedy has been named president of Kennedy Engineers, Inc., headquartered in Seattle. He succeeds **Richard R. Kennedy**, named chairman of the board. Other Kennedy appointments: **Lawrence E. Peirano**, director of operations; **Walter F. Gassman**, technical director; **John H. Rayner**, director of business development; **Jon M. Stedman**, financial director and controller.

James Daly, AIA, has been elected chairman of the Seattle Landmarks Preservation Board.

Donald D. Magura has been elected president of the Southwest Chapter, Structural Engineers Association of Washington. Other 1979 officers are: **Lyman F. Bush**, vice president; **Allen E. Bessette**, secretary-treasurer. Directors are **William M. Whitacre**, **Roland M. Kroll** and **Arden C. Roberts**.

Derek Selfe has been appointed director of quantity surveying at Naramore, Bain, Brady & Johanson, Seat-

tle, a new position with the firm. **Douglas A. Bevis**, formerly with Skidmore, Owings & Merrill, Chicago, has joined the firm as chief financial officer.

Ken W. Hultgren has returned as executive vice president, after a two-year sabbatical, at McCann Construction Company, Inc.

Joel P. McLeod has been appointed a project director at TRA, Seattle-based architectural, engineering, planning and interior design firm.

Fred Oliver, vice president of sales and secretary, Clyde Equipment Company, Seattle, has been installed as 1979 president of the Northwest Construction Council. Other NCC officers elected are: first vice president, **James P. Donaldson**; second vice president, **W. Joseph Scudder**; secretary, **Robert W. Burwell**; treasurer, **Bill Culver**.

James A. Crom, PE, senior vice president, has been named manager of the Seattle office of STRAAM Engineers, Inc.

Harris, Reed, Litzenberger & Tsang, Tacoma architects, has opened its first branch office in Gig Harbor. **William Reed**, AIA, heads the new office at 3100 Harborview Drive. Associates in the office are **Ilmar Reinvald**, former chairman of the Architecture Department at Montana State University, Bozeman, and **Brand Griffin**, recipient of the Rome Prize and former instructor at Tulane and Rice universities.

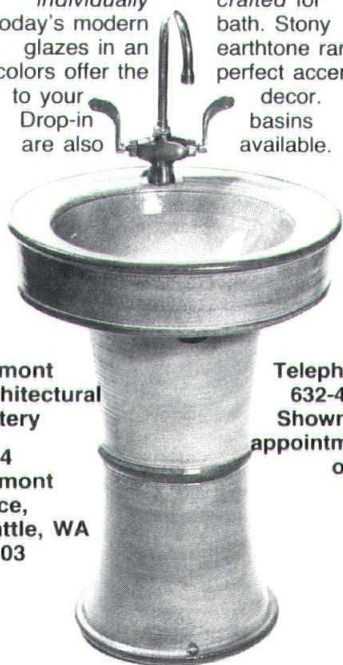
G. Cichanski & Associates, Architect, Kirkland, announce a reorganization of the firm and the naming of four new associates: **John Jochman**, **Tom Kudig**, **Peter O'Connor** and **Jeanne Olson**.

Jones & Jones, an architecture, landscape architecture and planning firm, Seattle, announce the addition of three principals and three associates. New principals are **William G. E. Blair**,

Unique pedestal sink

22" Wide x 32" High (Fixtures excluded)

A ceramic pedestal sink can transform any ordinary bath into something very much out of the ordinary. Unique northwest contemporary designs with old world elegance. Freestanding and individually crafted for today's modern bath. Stony glazes in an earthtone range of colors offer the perfect accent to your decor. Drop-in basins are also available.



Fremont Architectural Pottery

3504 Fremont Place, Seattle, WA 98103

Telephone 632-4848 Shown by appointment only.

Jon C. Coe and David L. Towne. New senior associates are **Kenneth Caldwell**, **Nik Worden** and **Mark Johnson**.



Harold J. Jobse has recently joined the staff of Concrete Technology Corporation as managing director of research and development. He has been Pacific Southwest regional manager of the Portland Cement Association since May 1970.

David A. Brooks, district sales manager of Maydwell & Hartzell, has been elected 1979 president of the Electric League of the Pacific Northwest. Also elected to office: **Beryl Ash**, first vice president; **Dick Sqartzell**, second vice president; **George Johnson**, treasurer; **Gene Dorman**, secretary. Directors, elected for a two-year term: **Gary Lane**, **Roger Shaeffer**, **Dick Becker**, **Bill Mayhew**, **Kermit DuBois** and **June Appel**.

Peter Hansell, president of Stafford Hansell Co., Bothell, has been elected president of the Seattle Master Builders Association for 1979. Other officers elected: **Paul Norlan**, vice president; **Bert Cronin**, secretary; **Rob Stewart**, treasurer. Five new council chairmen named: **Art Dujardin**, Snohomish County Council; **Stan Fry**, Seattle/Eastside Council; **David Young**, South King County Council; **Jim Summers**, Multi-family Housing Council, and **Oris Weaver**, Remodelers Council.

WGHT (Wright, Gildow Harman Teegarden) Seattle architects, planners and interior designers, announce the addition of **Tom Beckwith**, manager of economic and planning services; **David Geer**, manager of architectural project systems, and **Larry Mortimer**, project architect.

Jim Tsang, AIA, partner in Harris, Reed, Litzenberger & Tsang, Tacoma, has been appointed to the Tacoma City Planning Commission.

Howard, Needles, Tammen & Bergendoff was named the architectural-engineering firm of the year by the Seattle Post, Society of Military Engineers. The firm was cited for its work on the Chief Joseph Dam in Chelan County.

Shavey DeGrasse Shavey, Partners in Architecture, Seattle, recently announced promotions for eight in the firm. **Constance Williams**, interior designer, and architects **Robert Berlien** and **William Chester** were named

project managers; **Freeman Fong**, **Michael Barnett**, **Nancy Bennett**, **Zenith McManigal** and **Jeffrey Klum** were named job captains.

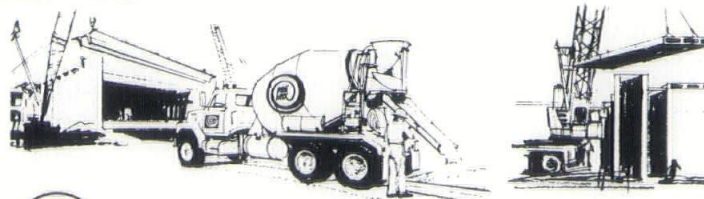
Dan S. Campbell has been promoted to the new post of general sales manager for Fireplace Distributors, Seattle. **Ronald J. Perry** has been added to the firm's sales force.

Lyle D. Hanson, Hanson Excavating Co., Inc., has been elected president of the Tacoma Chapter, The Associated General Contractors of America. **Robert C. Nelson** has been named vice president; **James G. Tucci**, treasurer. **Bruce A. MacAulay** is secretary and executive director.

WILL YOUR BUILDING STAND THE TEST OF TIME? CONCRETE IS STILL THE PERMANENT SOLUTION!!

Central Pre-Mix Concrete Company offers a complete line of Architectural and Structural Precast Products

Double Tees — Single Tees — Hollow Core Slabs — Insulated Wall Panels — Full Deck Bridge Girders — Beams — Columns — Flat Panels — Architectural Precast Panels — Corewall Panels. — etc.



CENTRAL PRE-MIX CONCRETE CO.
Quality and Service Since 1930

PLANT LOCATIONS TO SERVE YOUR NEEDS

Spokane 1-509-535-2941

Seattle 1-206-852-7874

Miscellanea

People

William A. Lehtonen, Jr. has joined the staff of Constructioneering Northwest, Inc., Bellevue, as construction administrator.



Arthur G. Forbes, AIA, has been named president of the Southwest Washington Chapter, American Institute of Architects, for 1979. Other officers are: **Harold**

Dalke, AIA, president-elect; **Del Hobbs, AIA**, vice-president; **Von Kays, AIA**, secretary; **Harlow Hogen-**

son, AIA, treasurer. Directors for the term are **Jim Tsang, AIA**; **James Widrig, AIA**; **Jon Lindstrom, AIA**; **Frank Densmore, AIA**; **James Merritt, AIA**, and **Ted Werner, AIA**.

Edward F. Weber, AIA, has been named an associate in the firm of Doudna-Williams, Yakima.

James Davis, AIA, partner with Beckwith, Spangler & Davis, Bellevue, has been named to fill the vacated directorship 1B of the Puget Sound Chapter, Construction Specifications Institute.

Robert E. Means has been ap-

pointed project manager in charge of process engineering services at Abam Engineers, Inc.

William McIntosh has been named head of a new Land Development Engineering Department at Harstad Associates, Inc., Seattle.

Richard Becker, Engineered Electrical Systems, Bellevue, was honored with the President's Award, and **Jim Mowery**, director of marketing and customer services, Tacoma City Light, was named Man of the Year by the Electric League of the Pacific Northwest.

Creative!

Few building products can match the flexibility and freedom of expression found with precast concrete. The precast concrete cladding for the Bremerton Naval Hospital includes 34 accent panels depicting authentic Haida Indian designs.

Created by Oliver Tiedeman, noted Northwest Indian Art Authority, each panel depicts a separate individual design, including such traditional symbols as the Bear, Frog, Beaver, Whale and Salmon.

These beige-colored sculptured panels capture the flavor of the Northwest Indian heritage in durable, lasting precast concrete.

Architect: JOHN GRAHAM COMPANY

Contractor: SANTA FE ENGINEERS, INC.



CONCRETE
TECHNOLOGY
CORPORATION

1123 PORT OF TACOMA ROAD TACOMA, WASHINGTON 98421
AREA CODE 206 / 383-3545

Manufacturers of Architectural and Structural
Precast/Prestressed Concrete

News

New Energy Code Proposed for Seattle

Seattle Mayor Charles Royer has proposed a new city energy code that will set standards for energy conservation to apply to all new construction but with primary focus on commercial construction. The proposal is before the City Council. Royer, however, has urged builders, developers, architects, engineers, and all concerned with new construction, to voluntarily comply with the proposal while awaiting Council approval.

The proposed code sets efficiency standards for energy related elements in a building—ceilings, walls, floors,

heating, cooling, ventilation, plumbing, hot water, electrical distribution and lighting.

Existing residential codes would be unchanged under the new code.

The proposed code is part of the entire Energy 1990 conservation program of the city, a plan to reduce the average megawatt use of electricity in Seattle by 1990.

Uniform Building Code Classes at WSU

A five-day course on the Uniform Building Code for beginners is being

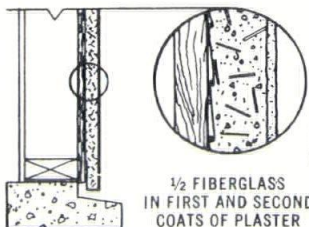
offered by the Inland Empire Chapter of the International Conference of Building Officials and the Engineering Extension Service of Washington State University. The course will be held on campus at WSU at Compton Hall, April 23-27.

The course will cover all primary functions of the Uniform Building Code. Jack M. Hageman, formerly with the Kennewick building department, will be instructor.

Cost of the course is \$120 with specified books required. For an application, or further information, write: Engineering Extension Service, Dana Hall 140, Washington State University, Pullman, WA 99164.

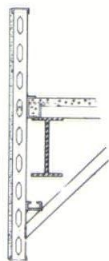
"Thus by rediscovering and reinterpreting a time-tested material we make of very old the very new."

Frank Lloyd Wright

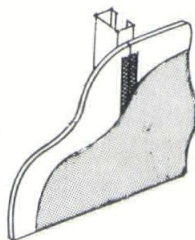


Fiberglass strands in Portland Cement Plaster provide a crack arrestor & trouble free walls

1/2 FIBERGLASS
IN FIRST AND SECOND
COATS OF PLASTER



Curtain wall—metal stud framing.
Design Versatility. Durability.
Economical



Veneer Plaster. Rapid installation.
Abuse resistant

**NORTHWEST
LATH & PLASTER
BUREAU, INC.**

325 Second West
Seattle, WA 98119
Seattle (206) 284-4380
or 284-7160
Portland (503) 234-0281

Serving the Needs of the Construction Industry in Washington & Oregon

**ARCHITECT
& CONSULTING
ENGINEERING FIRMS
CONTRACTORS**

**Northwest Leading
Specialists for Professional
Liability Insurance.**

Hurley, Atkins & Stewart, Inc.

Insurance & Surety Brokers
Suite 603/1200 Westlake Ave. N./Seattle 98109/284-7272

News

Women Architects, Planners from 40 Nations to Convene in Seattle, Sept. 30-Oct. 4

"New Design Concepts from Changing Resources," is the theme of the first congress of L'Union Internationale des Femme Architects (UIFA), to be held in the United States. It will be hosted in Seattle September 30-October 4. The theme will be projected through daily forums, specific discussions, exhibits and tours. The multilingual conference will be conducted in French, English, German and/or Spanish.

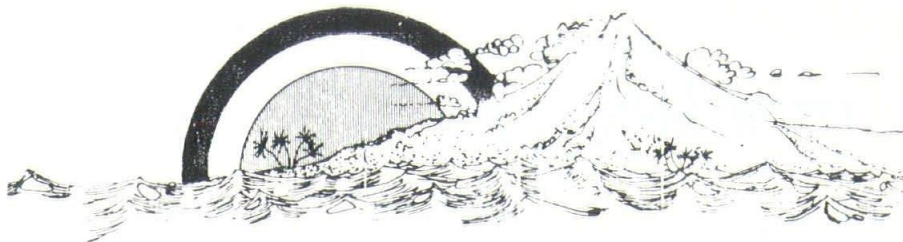
The gathering will bring together women professionals in architecture, landscape architecture and planning as well as leading representatives from 40 other nations.

All women in the "built environment" fields are invited to attend the conference, participate in the program or exhibit work. Deadline for submitting program and exhibit abstracts/information is July 1.

A local steering committee includes Jean Young, AIA, conference coordinator and secretary-general of the UIFA; Sue Alden, AIA, treasurer; Lois Wardell, architectural representative; Kathleen Southwick, planning representative; Margaret Maxwell, landscape architecture representative.

Other local chairpersons are Audrey Van Horne, AIA, program; Carolyn D. Geise, AIA, exhibits; Janeen Smith, special events; Anne Fisher, graphics; Ginger Tanszman, AIA, convention tour; Debby Carey, student, University of Washington; Relta Gray, public relations.

Inquiries about membership, conference participation, exhibits or program format may be sent to UIFA '79/USA, 5601 N.E. 77th St., Seattle 98115.



28th Northwest Regional AIA Conference in Hawaii

The 28th Northwest Regional Conference, American Institute of Architects, will be hosted by the Hawaii Chapter, AIA, September 26-29 at the Wailea Beach Hotel, Wailea, Maui. Six states are involved in the region: Washington, Oregon, Idaho, Montana, Alaska and Hawaii.

While the program has not been completely firmed up, guest speakers will include Elmer Botsai, past-president, American Institute of Architects; Mayors Frank Fasi of Hono-

lulu and Elmer Cravalho of Maui, and Michael Mescom. A popular and informative part of the program will be rap sessions with resource people. An architectural tour of Maui is included in the planned events.

In addition, all of the usual delights of an Hawaiian vacation will be available: sailing, swimming, snorkeling, golf, tennis.

Registration deadline is April 1. Additional information about the conference is available from the offices of the Washington Council, American Institute of Architects, Olympia, (206) 943-6012.

How to Reach and Understand The Architect, Seminar Subject

To answer the questions: (1) do you really know how to call on architects, engineers, and other members of the design profession? and (2) how successful are you at seeing the architects' point of view?, a mini-seminar is scheduled for April 17-18 in the Shaw Room at Seattle Center.

Sponsored by the Puget Sound Chapter, Construction Specifications Institute, the seminar will run from 7 p.m. to 10 p.m. both nights.

Professional participants include Aehle, Thurman & deMers., Inc., P.S.; Business Space Design, Inc.; Leo A. Daly & Associates; Naramore, Bain, Brady & Johanson; Zimmer, Gunsul,

Frasca Partnership; Walter F. Bishop, FCSI, GSA, Construction Management Division; Robert Hugh Ross, Certified Construction Specifier; Thomas D'Amico, Professional Business Development Coordinator, Olympic Stain; John Marshall Caldwell, President, Consolidated Carpet Mills, Dalton, Georgia.

The seminar is directed to all construction and sales personnel selling products that architects and other members of the design profession regularly specify. The program is designed for the experienced sales person as well as the newcomer.

Registration deadline is April 6. The fee is \$25 per person. Information is available from William T. Sobo, 206/228-2550, or Stephen Clark, 206/628-1571.

SEAW, Masonry Institute Sponsor April Seminar

Co-sponsored by the Structural Engineers Association of Washington and the Masonry Institute of Washington, a seminar on "Masonry Construction-Design, Inspection, Testing," will be held April 19 at the Sea-Tac Hilton Inn.

The seminar, from 1 p.m. to 9:30 p.m. will feature James E. Amrhein, director of engineering for the Masonry Institute of America; Roland Lindstrom, district marketing manager for Mutual Materials Company; Verne Frese, a past member of the board of the National Concrete Masonry Association and vice president for this region, and Gene Salvesson, executive director of the Masonry Institute of Washington.

Registration is open to members of both associations as well as non-members. Pre-registration is required. Information is available from the SEAW, 314 Lloyd Bldg. Seattle 98101, 206/682-6026.

Calendar

March 23-25—Regional Conference, National Association of Women in Construction, Valley River Inn, Eugene, Oregon. Information from Marge Brunton, Eugene Builders Exchange, P.O. Box 5425, Eugene, OR 97405.

April 23-27—Beginners Course on Uniform Building Code, Washington State University, Pullman. Information from Engineering Extension Service, Dana Hall 140, Washington State University, Pullman, WA 99164.

April 26-29—Northwest Regional Conference, Construction Specifications Institute, Rosario, Orcas Island, San Juans. Theme: "The Time of Your Life." Registration: \$55. Information: Jan Freeburg, c/o Zesbaugh, Inc., P.O. Box 9468, Seattle, WA 98109.

May 30-June 1—Regional Conference of the Illuminating Engineering Society of North America, Puget Sound Section, SeaTac Red Lion Inn, Seattle.

June 3-7—National Convention, American Institute of Architects, Kansas City, MO.

Sept. 26-29—Northwest Regional Conference, American Institute of Architects, Hawaii.

DAWSON KNOWS HOW TO KEEP YOUR LIABILITY DOWN WHEN YOUR BUILDINGS GO UP.

Years ago, Dawson recognized that Northwest architects needed insurance protection as much or more than other types of businessmen.

That's why we specialized in the field of professional liability insurance for architects, searching out efficient and economical coverage at a time when architectural insurance wasn't readily available.

Over the years, Dawson has insured more architects than any other firm in the area. Then, in 1973, we improved our service even more. Working with the Washington State Council, A.I.A., we developed an original Loss Prevention Program specifically for architects.

Experience like this adds up to a lot of expertise. Call today and we'll show you how what we know can save you.

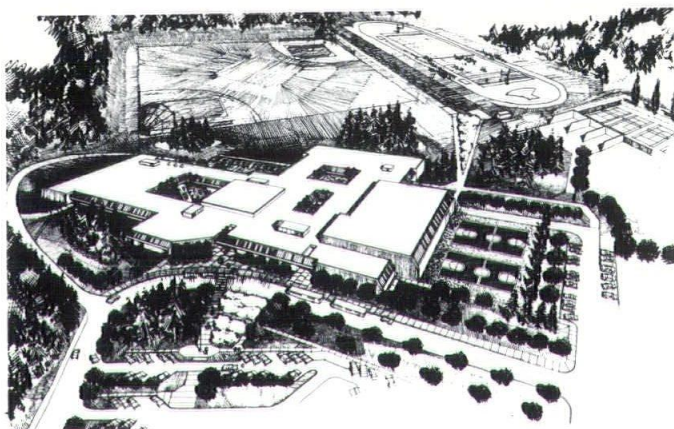
Bonding & Insurance Brokers
CORROON & BLACK/DAWSON & CO., INC.
What we know can save you.

2911 Second Ave., Seattle, WA 98121 (206) 583-2300.
Anchorage: (907) 279-3471. Juneau: (907) 586-1530.
Sitka: (907) 747-8625. Fairbanks: (907) 456-6671.

Miscellanea

Previews

MEDICAL/SURGICAL CLINIC, Enumclaw, will be frame construction with brick walls and cedar shakes. The building, approximately 18,000 sq. ft., will house four medical departments with four doctors in each wing. Skylighted waiting rooms occur at the inside corners adjacent to two of the wings. The general administrative areas and physicians' library-lounge are located in the attic area with decks cut into the roof and oriented to a view of Mt. Rainier. Estimated cost: \$1.0 million. Architects: Champion/Turner Architects, AIA, with consultants Smith-Swenson, structural engineer; Larry Atkinson, electrical engineer; Richard Stern, mechanical engineer; Mike Asmundson, landscape architect and Mike Tye, interior designer.



JUNIOR HIGH SCHOOL, Redmond, Washington, is sited on approximately 20 acres in a rapidly developing area east of Lake Washington. Architects Cummings/Schlatter Associates (CSA) chose a one-level structure for a number of reasons: the structure is in scale with the residential and semi-rural character of the neighborhood; it will serve the handicapped students (provision has been made for special education rooms for handicapped student instruction); internal traffic is easily routed outdoors through courtyards, minimizing heated space consumed by corridors; it adapts to natural ventilation; it is convenient for custodial staff.

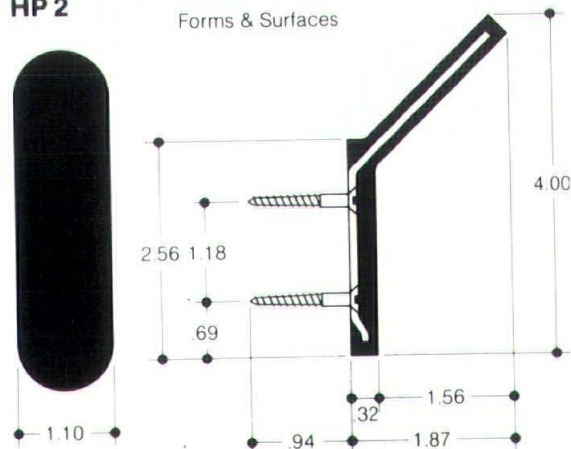
The 30 classrooms of traditional design are set around a Commons which will serve as cafeteria, locker bay and assembly room. Exterior walls will be textured tilt-up concrete. The new construction encompasses 105,000 sq. ft. at an estimated cost of \$5.6 million (\$53.50 sq. ft.).

Consultants to the architects: Andersen-Bjornstad-Kane-Jacobs, structural engineers; CMH Baum, mechanical and electrical engineers; George E. Bundy, kitchen consultant.

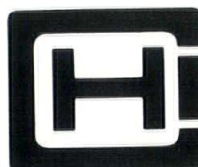
Soft Hardware / Coathooks

HP 2

Forms & Surfaces



Coat hooks in tough resilient neoprene by Japanese designer Masayuki Kurokawa.



CONTRACT HARDWARE
1314 ALOHA ST.
SEATTLE, WASHINGTON 98109
(206) 682-4490

Products

Modular Sauna Rooms

Metos modular Sauna rooms are packaged and shipped in sections easily handled by one person. Wall sections are 24" x 80" x 2½" weighing approximately 35 lbs. It is said assembly can be completed by one man in a few hours.

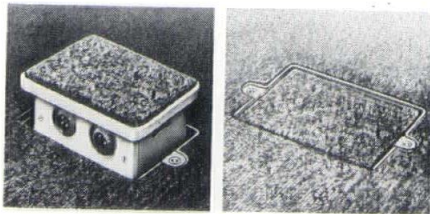
Packages include insulated wall and ceiling panels, interior and exterior trim, door assembly complete with handles, hinges and closer, benches, head/back rests and heater guard rail. Also included are the Sauna heater, rocks, thermostatic controls and accessories (light fixture, thermometer, Sauna bucket and dipper, acrylic bathing instruction plaque) and installation instructions.

Wall and ceiling sections, insulated with (R Factor 11) foil-faced fiberglass, are surfaced on the interior with 1x4 clear V-joint kiln-dried Western Red Cedar, and on the exterior with ¾" rough sawn mahogany veneer. Benches are fabricated of 1x4 and 2x4 clear, kiln-dried Western Red Cedar.

If standard sizes do not meet requirements, custom modular rooms are available and can be made to meet particular space and use needs or in accordance with architect's specifications.

Contact: Amerex Corporation, P.O. Box 3825, Bellevue, WA 98009.

Telescoping Floor Box



The Telematic Series of telescoping, spring-loaded floor boxes gives the opportunity for immediate rearrangement in today's modern industrial, commercial, and institutional facilities without the hazard of tripping over the conventional floor box. The receptacles are elevated above the floor level to eliminate accidental plugging with dirt, wax, etc. The unit is locked in the open or closed position with a standard Allen key, and is UL listed watertight in both

positions. The unit provides aesthetic value in the closed position with a flat unobstructed surface.

This unique concept combines low and high voltage in the same service fitting. It is designed for connection of service appliances, communication and public address system and sound equipment, and can be used in interior or exterior locations.

The unit is gasketed in both raised and lowered positions for complete sealing. Four leveling screws are provided in the mounting frame to make up to a ¾" leveling adjustment for permanent leveling. The unit is primarily designed for concrete installation, but is also suitable for other types of floor construction.

Contact: Maxicom Corp., 1921 E. Hagert St., Philadelphia, PA 19125.

Ceiling Fans

Casa Blanca's ceiling fans, with variable speed and reverse air flow, it is claimed, will help improve air conditioning and heating efficiency by reducing air stratification. Uniform air temperatures can be maintained throughout the entire house, without heat build-up on upper levels and at the ceiling.

The fans feature all metal construction, natural hardwood blades and modern energy-efficient motors that draw no more current than a 150 watt light bulb.

Choice of several fan designs, metal finishes, and blade designs. Fans can be ordered with 4 or 5 light kits and/or a school light.

Contact: Casa Blanca Fan Company, 182 South Raymond Avenue, P.O. Box 7023, Pasadena, CA 91109.

if
you are good enough
to qualify:

**The
Design
Professionals
Financial
Company**

**Contact Our Exclusive Agent for the State of
Washington**

Hurley, Atkins & Stewart, Inc.

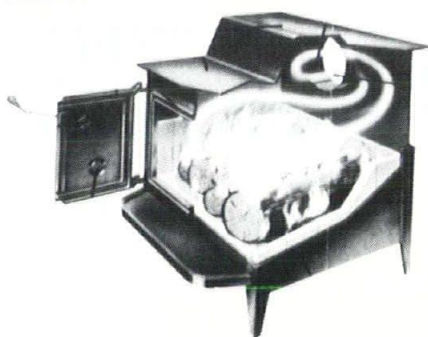
**1200 WESTLAKE AVE. NO., SEATTLE
98109**

TELEPHONE 284-7272

Products

A Wood Stove for Today

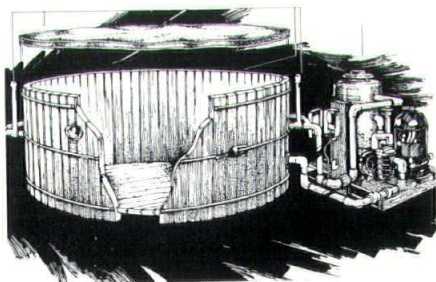
Fisher Stoves, made of heavy plate steel and virtually airtight, radiate more heat yet consume much less wood than conventional wood stoves, according to the manufacturer.



Between one-half and two-thirds of the energy of wood is released in the form of gases while it's burning. The Fisher Stove's unique secondary combustion chamber forces these gases back into the flames for almost total combustion and, therefore, very little ash remains. The two-step design also serves as a smoketrap so that the stove does not smoke when the door is opened. The doors are triple-sealed with gravity-lock handles. Available in several models to heat from 1,000 sq. ft. to an area of approximately 2,000 sq. ft.

Contact: *Fisher Stoves International, Inc.*, P.O. Box 10605, Eugene, OR 97440.

Indoor/Outdoor Hot Tub



Olympic Hot Tubs offers a departure from the traditional redwood hot tub. The

company offers the only cedar hot tubs in their marketing area.

According to Olympic, the differences between redwood and cedar are significant. Both woods release their tannins with continued immersion in hot water, but cedar leaches much less residue into the water, making tub maintenance easier. The most important difference, however, they point out is aesthetic—the special pungent fragrance of cedar adds another dimension to a hot tub soak.

Available in a variety of models ranging from four feet deep, six foot diameter to a cold tub that measures 5½' x 2' and is suggested as an accessory. All tubs have hydro message jets, fitted covers, and accessory packages. A newly designed insulating cuff cuts heat loss to less than ten degrees. Tub and support package are completely assembled and pre-plumbed. Separate quotations on site preparation and installation.

Contact: *The Olympic Hot Tub Co.*, Lake Union Waterworks, 1101 N. Northlake Way, Seattle, WA 98103.

Residential Floor Joist



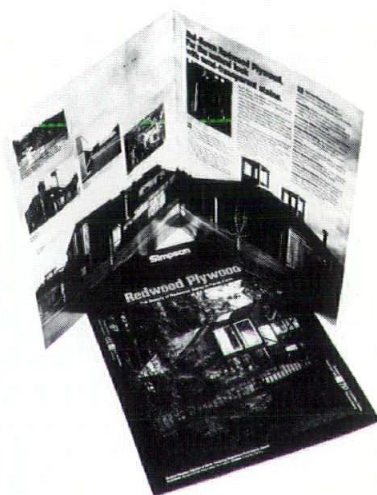
The Residential TJI is 9½" deep with a ¾" plywood web and 1¾" flanges of Trus Joist's Micro-Lam laminated lumber. The manufacturer states it allows easier nailing and easier drilling. It is available in continu-

ous lengths up to 56 feet without special ordering.

The Residential TJI is strong enough to be used 24 inches on-center with all the load carrying ability of other systems at 16-inch spacing. A typical 26-foot TJI weighs less than 50 pounds and can be handled alone by just one man.

Contact: *Trus Joist Corporation*, Boise, Idaho 83707.

Redwood Plywood Siding



The beauty of redwood siding in panel form is illustrated in the new eight-page Redwood Plywood brochure from Simpson Timber Company.

Redwood plywood siding offers durability, strength, insulation, and economy in addition to its natural beauty in any setting.

Dramatic four-color end-use photographs point out the multitude of interesting effects which can be achieved with the product, and plan details of specific designs are included.

Technical data and application instructions are accompanied by graphic illustrations. Patterns and finishing recommendations are given for exterior and interior applications.

Contact: *Simpson Timber Company*, 900 Fourth Ave., Seattle, WA 98164.

Would you help this kid?

When the dam broke at Buffalo Creek, West Virginia, a lot of people weren't as lucky as this little guy.

Jamie and the rest of the Mosley family made it up the hill just in the nick of time. Seconds later, a wall of water swept all their earthly possessions away.

Here you see Jamie in the Red Cross shelter, thinking it all over.

One look at that face, and we're awfully glad we were there to help.

Every year, you know, Red Cross touches the lives of millions of Americans. People just like you. And it's people just like you—helping in their communities, and giving to Red Cross where they work—who make it all happen.

So when you open your heart, with your time or your money, you can be certain it's in the right place.

A Public Service of This Magazine & The Advertising Council

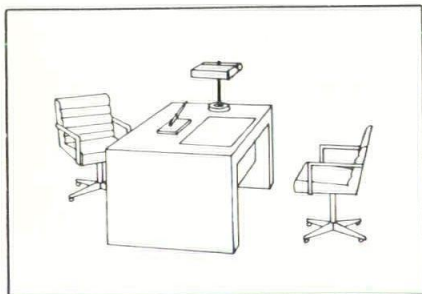


 **Red Cross.
The Good
Neighbor.**

SPI TASK LIGHTS

SPI Task Lights offer maximum adaptability, with a variety of mounting options, design and form that integrates with furnishings, and superior local supplemental lighting to ambient systems. Cost reduction is two fold. The initial cost of SPI Task Lighting is generally equal to or less than other task lighting systems. Operating costs are greatly reduced, resulting in an energy cost savings of about \$5.00* per work station, per year.

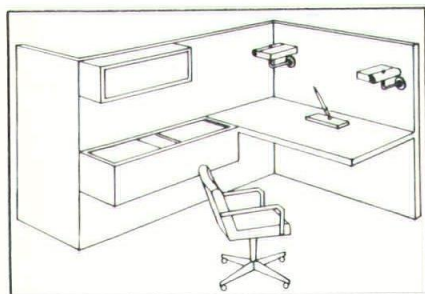
*Based on 5 cents per KWH.



Freestanding SPI Task Light. For any flat surface desk or table area. Combines Portable Task Light with Weighted Base Mounting for variable height up to 19".



Under Cabinet SPI Task Light is a fixed wire Task Light for permanent hardwired installation.



Wall SPI Task Light installs directly to wall surface, with mounting over or under Task Light. Height adjustable—maximum 6". Combines Portable Task Light with Wall Mounting Bracket.



Under Cabinet SPI Task Light utilizes area under shelves or cabinets for work space illumination. Combines Portable Task Light with Under Cabinet Extension Bracket. Variable height mounting permits adjustment to eye-level.



Portable lighting unit provides both ambient as well as task lighting.

McGraw-Edison

SPI Lighting

Represented by
H. J. Whinihan Sales
5465 S. Othello
Seattle, WA 98118
(206) 725-2485

2006 N3030
COMPONENT AFFAIRS DEPARTMENT
AMERICAN INSTITUTE ARCHITECTS
NEW YORK AVE. NW