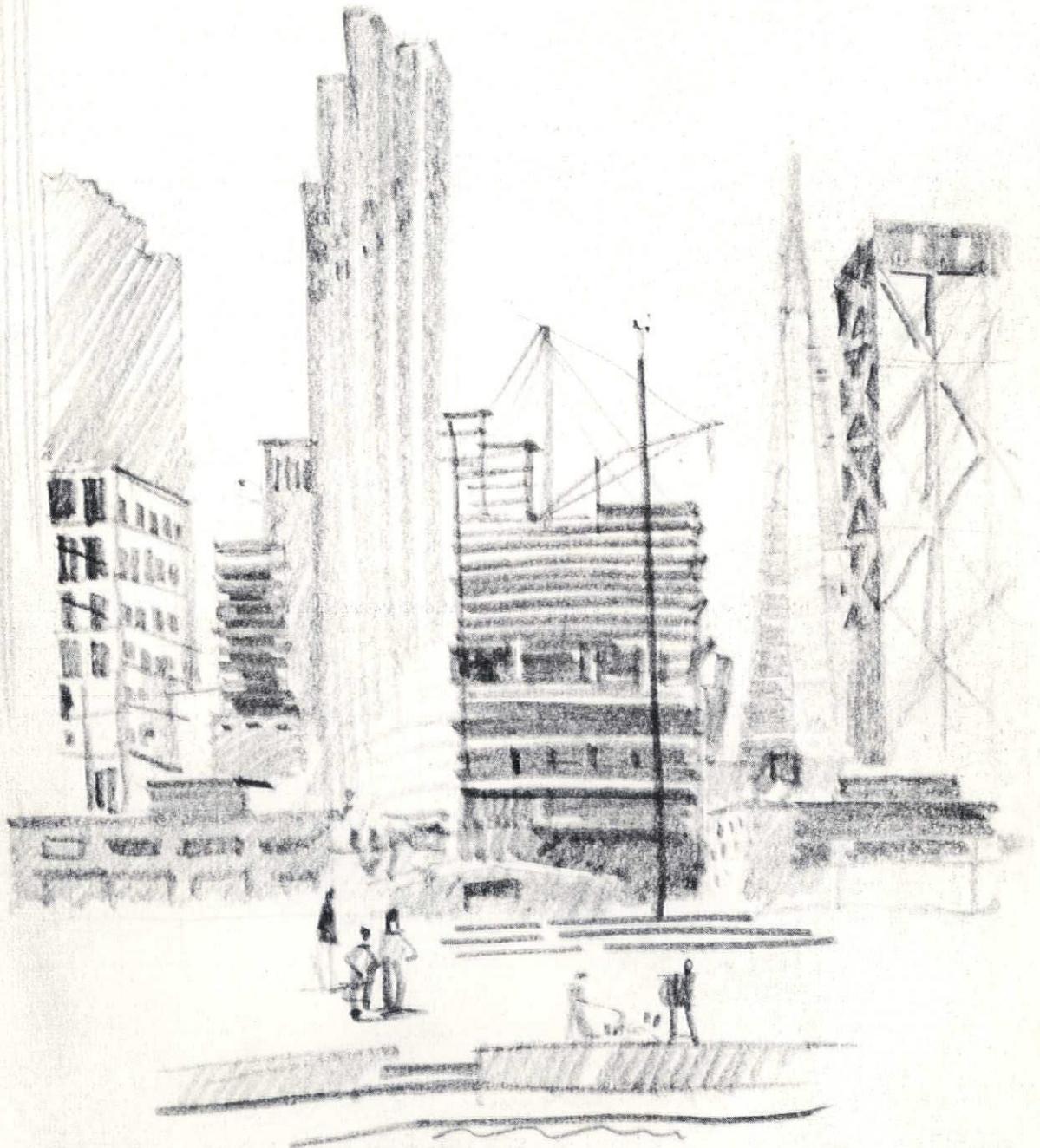


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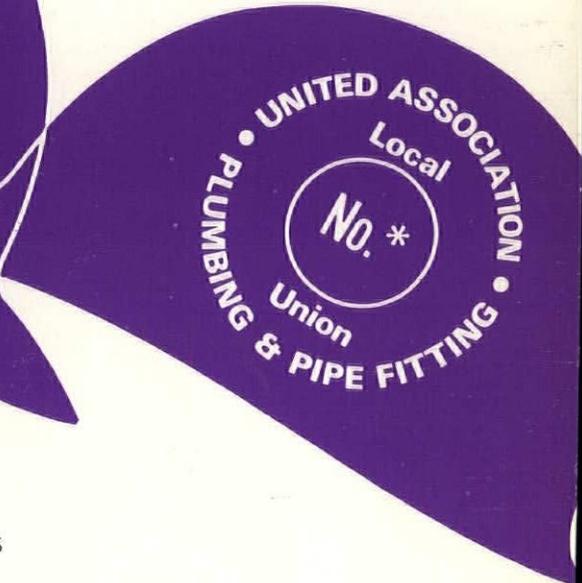
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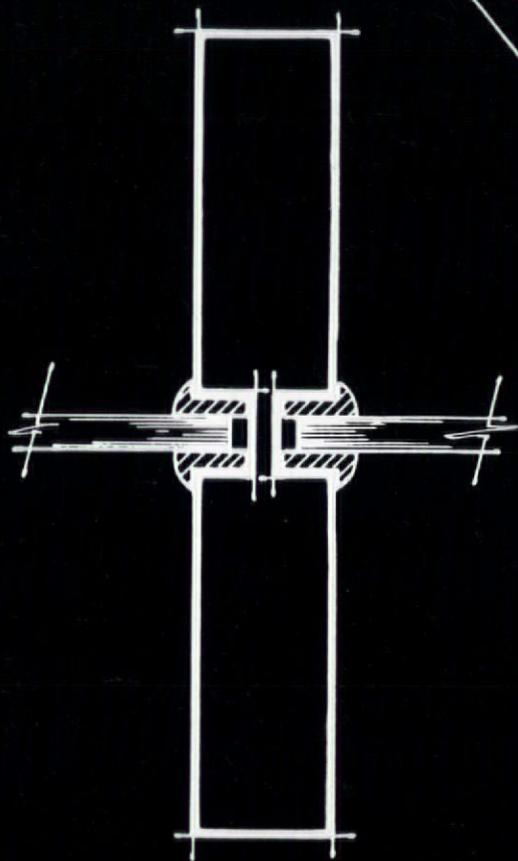
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VOLUME 8

NUMBER 2

JULY, 1973

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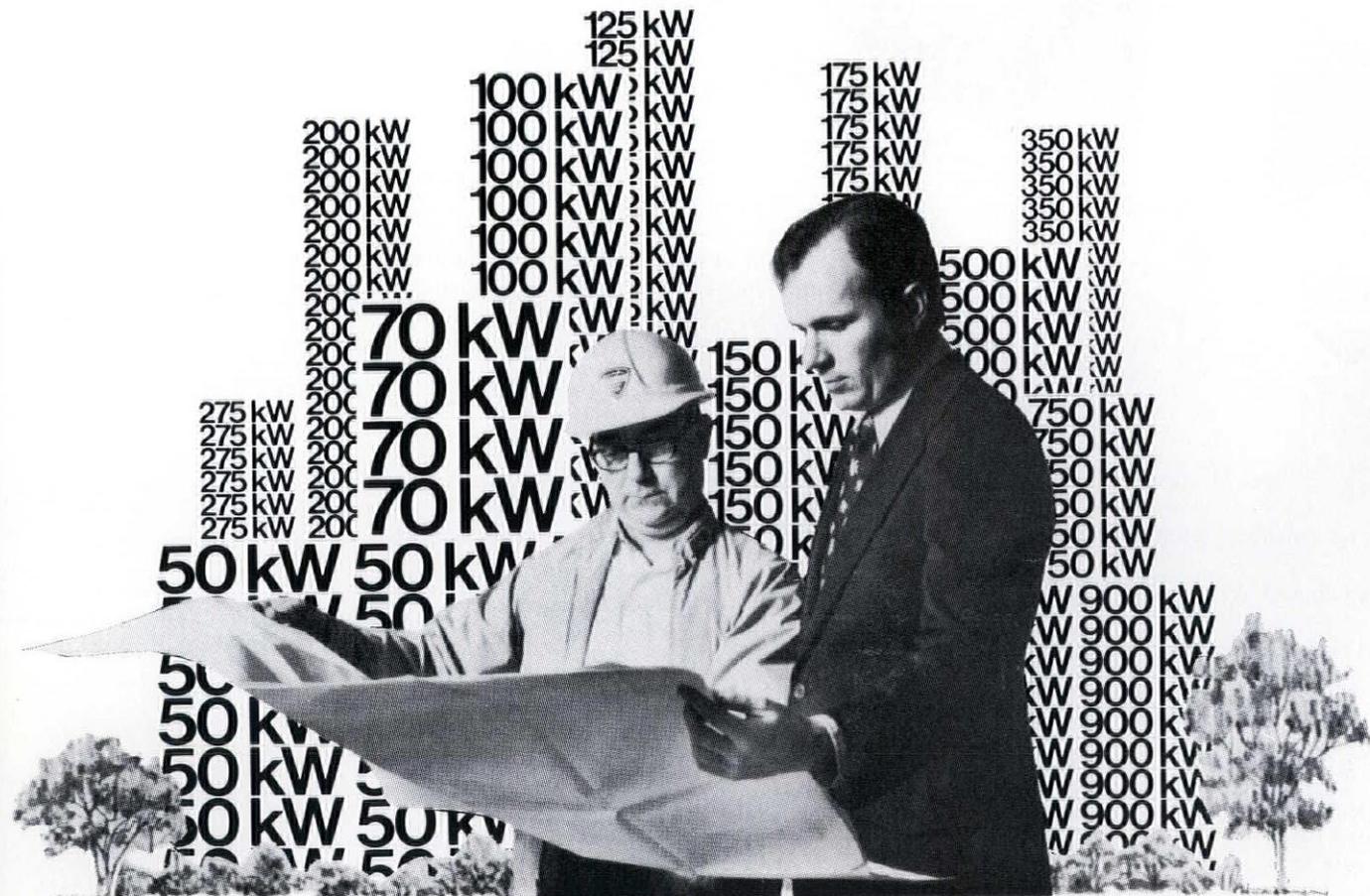
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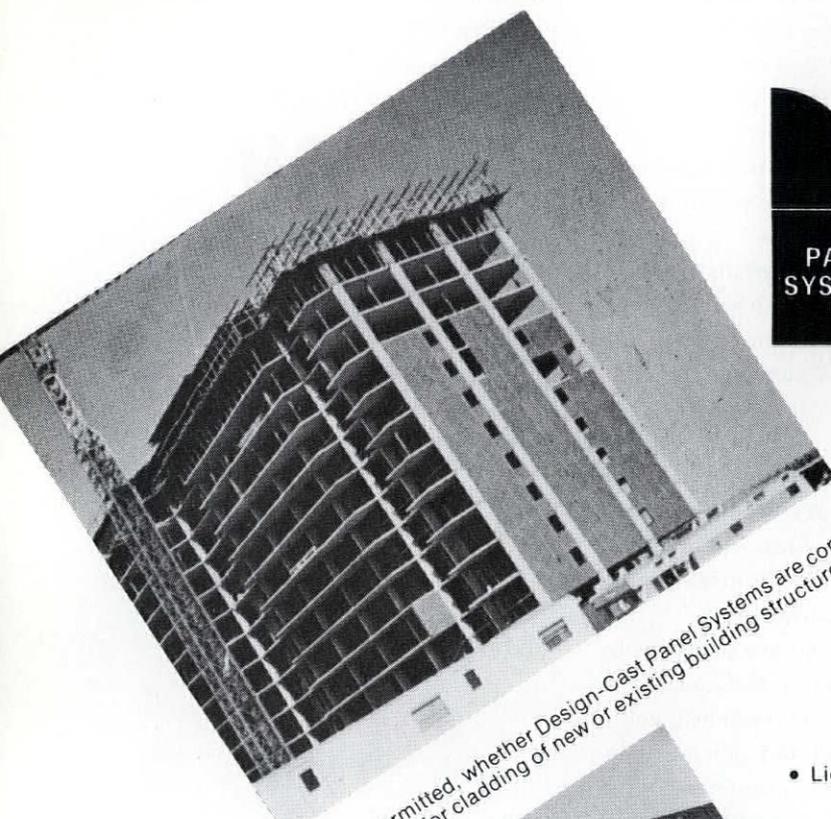
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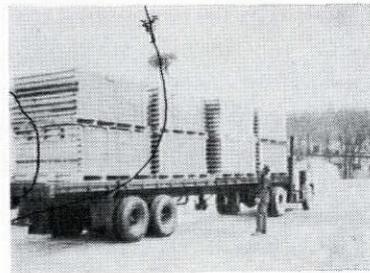
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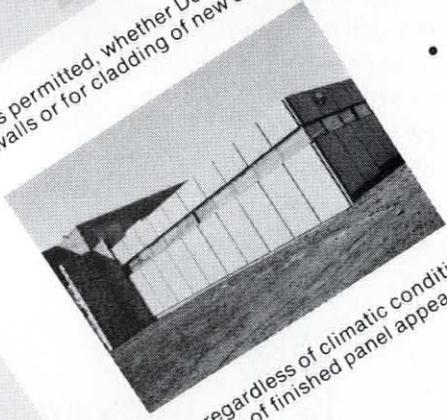


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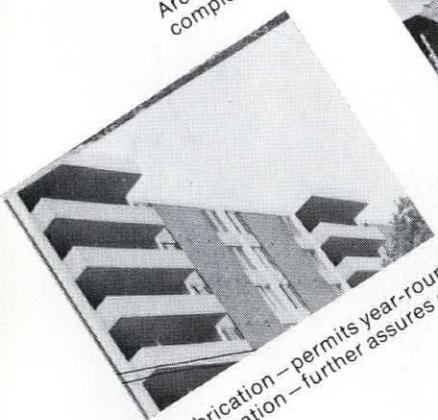
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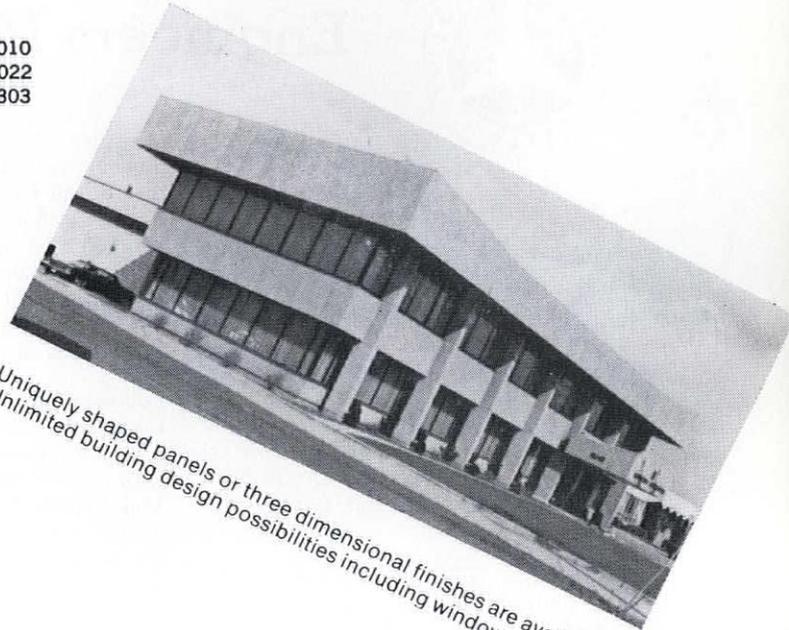
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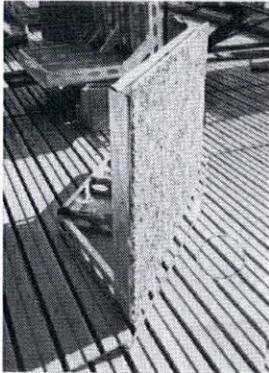
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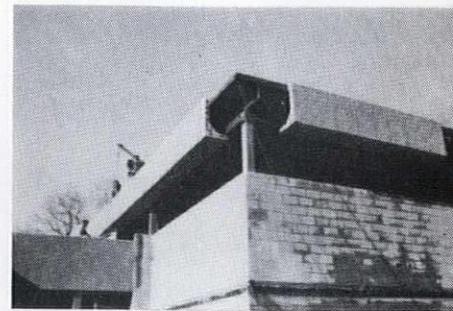
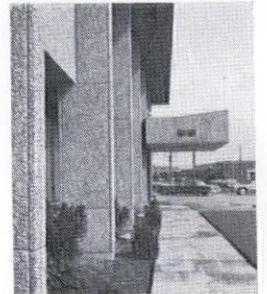
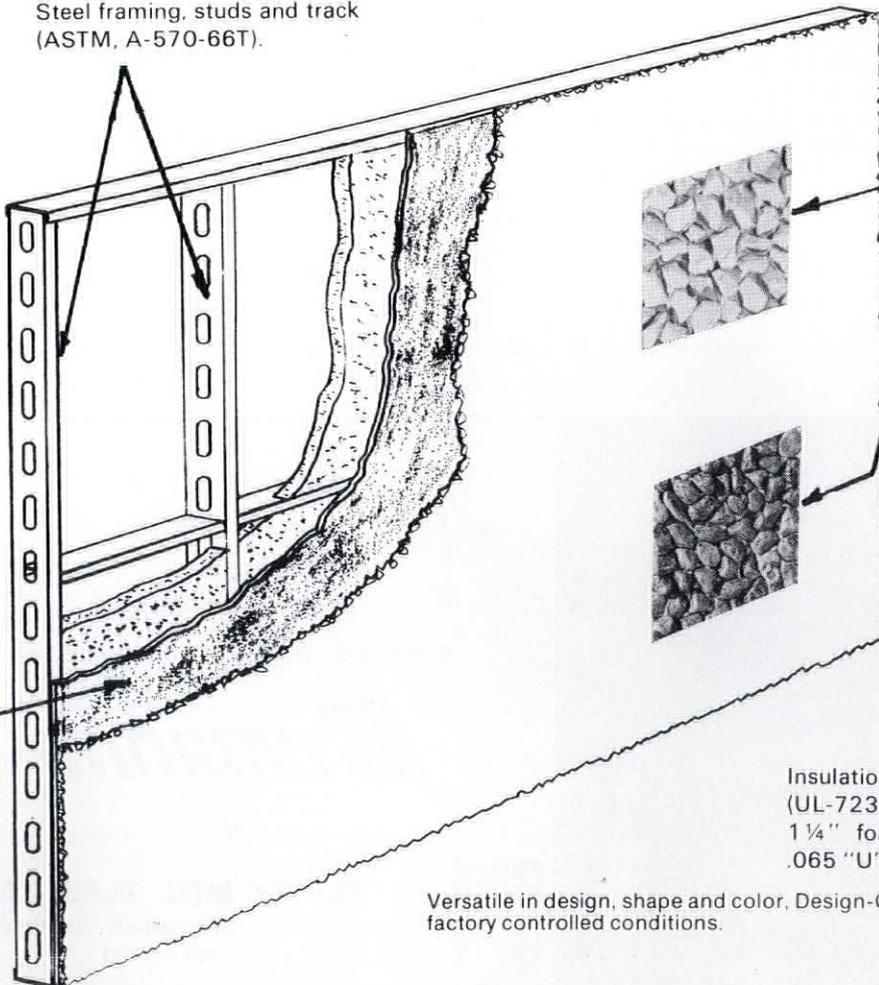


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Idaho Hosts Engineers Meeting

With the closing days of June, the Consulting Engineers of Idaho roll out the red plush for not only their colleagues in the West but also for the CEC/US Executive Committee. Although this important gathering will be history before our readers receive this issue—and there will be a report to follow—a brief summary is certainly in order.

As always, we are most appreciative to Editorial Board Member, John L. Hoffman of Boise for the info on this CE/Idaho event. John writes that the CEC/US Executive Committee will meet at Sun Valley, June 27 and 28, joining the western CEC members for their conference following. Registration for the regional meeting will begin at 10:00 A.M. 28, June in the Lobby of the Sun Valley Inn. The Board of Directors of the Consulting Engineers of Idaho have scheduled their meeting in the Sun Valley Inn Board Room at 10:30 and an informal luncheon will follow in the Ram Dining Room.

In the afternoon from 1:00-4:00 P.M. individual State Groups will meet—this will include Idaho, Washington, Oregon, Nevada, Utah, Wyoming, Colorado and Montana. There are so many “fun” activities available, we

are sure everybody will enjoy the time between the state meetings and the Hosted Ice Breaker Cocktail party slated for 6:30. Of course, the ladies will brighten up the decor and Executive Committee members will be present. Conferees will then be free to enjoy dinner at one of the many fine restaurants in the Sun Valley area.

Following an 8:30 A.M. Continental Breakfast at the Opera House, the Regional Conference will get underway with three excellent presentations. Vice President, CEC/US, K. Oliphant, Sr. will speak on “Public Relations by the Score.” “Improving Relations with Architects” will be discussed by Vice President Gray and Donald Buzzell of the CEC Staff will make a presentation on “Business Development Techniques and Guidelines”. CEC wives will join their husbands for luncheon in the Ram Dining Room where the speaker will be Colorado’s own Malcolm Meurer, CEC/US President-Elect. His topic is “The State of the Council”.

Malcolm leads off the Friday afternoon session with a discussion of “Engineer Unionization” and Ed Howell of Risk Analysis and Research Corporation speaks on “Loss Abatement and Liability Insurance”. To conclude Session II, “Turnkey Competition” is the subject of a Panel Discussion.

A Hosted Cocktail party at 6:00 P.M. will be followed by a Kitzbuehler Buf-

fet on the Terrace of the Lodge with dancing to follow.

Saturday, June 30th—everybody lines up for the “Parade of the States” with special presentations by each group attending on “How We Handle the Problem in Our State”. Montana’s topic is “Government Competition, Our Biggest Problem.”— Idaho: “Function of the Combined Executive Secretary Program” — Washington: “Involvement of Consultants in Government” and the Oregon delegation will discuss the “State Engineering Excellence Awards Competition”. Utah will tell fellow engineers about the “Merits of CEC Ladies Auxiliary”, Nevada and Wyoming: “Building Membership in Small States”, and Colorado will talk about their “Consultant Certification Program”.

The concluding presentation of the Regional Conference will bring Don Buzzell, Executive Director, to the rostrum to report on “CEC on Capitol Hill”.

And when June is bustin’ out all over, no meeting would be complete without the Golf Tourney. Western CEC’ers will take to the links on Saturday afternoon with the Golf Prizes being presented at the hosted Cocktail Party at 6:00 P.M. And, it’s all over with the Dinner at the Ore House that evening.

This 1973 meeting is one of particular interest and significance, and we are looking forward to hearing all about it. The Sun Valley site is certainly a “winner”, the business-side should prove helpful to all the CEC members who are able to attend, and the extra-curricular activities sound great! More on this one in an upcoming.



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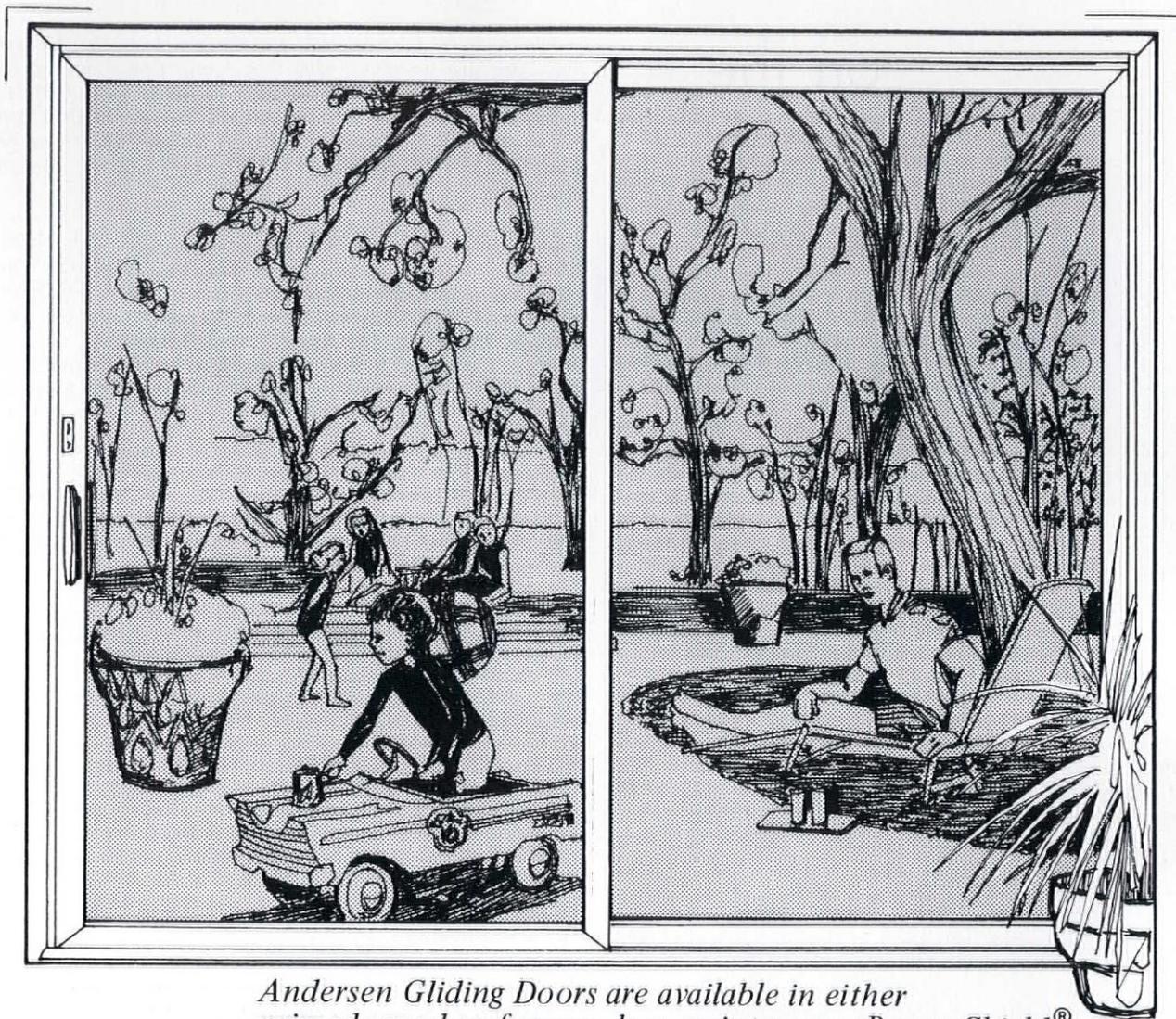
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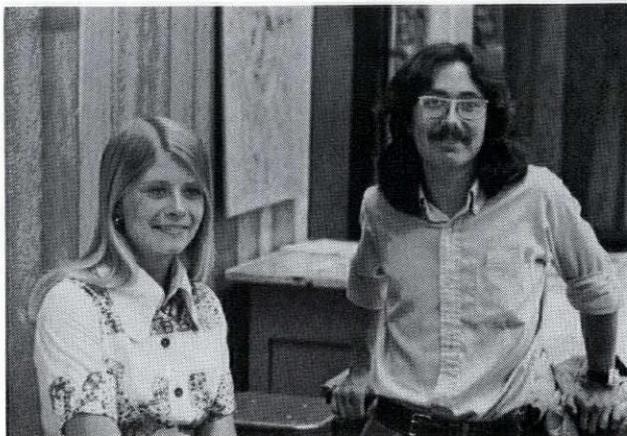
STUDENT AWARD PROGRAM ARIZONA STATE UNIVERSITY

Nearly \$10,000 in scholarships and prizes were awarded to students in the College of Architecture at Arizona State University during ceremonies May 10 in the plaza of the Art and Architecture complex on campus. Top recognition went to fifth year students John VanderPol, Phoenix, who won the American Institute of Architects (AIA) Henry Adams Award and school medal; and to Jonathan Pantaleoni, Scottsdale, recipient of the ASU Alumni Association's 1973 Outstanding Senior award. Harvey Bryan, Tempe, was runner-up for the Henry Adams Fund award.

Central Arizona chapter AIA book awards, for students with the highest cumulative grade average at each design year level, went to Pantaleoni, fifth year; Paul Scharf, Tempe, fourth year; James Roberts, Phoenix, third year; and Mark Smyth, Arvada, Colorado, second year. Three fourth year students won travel prizes: Guy Stiles, Phoenix, received the \$1,500 Drover, Welch & Lindlan prize, enabling him to spend the summer in Europe; Brenda Hovander, Tempe, will work in Cwmbran, Wales, as recipient of a \$750 Superlite Builders Supply prize; and Terry Briggs, Tempe, will work in Northampton, England, as recipient of a \$750 Architecture Foundation prize.

Other four year students who won honors were Mike Kuzmik, Phoenix, recipient of a \$500 Monarch Tile scholarship, and Scharf, who received a \$300 Construction Specifications Institute prize. The \$250 Sylvia Straub scholarship went to fourth year student Robert A. McQuead, Tempe.

At the third year level, Dennis Andreiko, Tempe, won the \$500 Lee Churchill Masonry Memorial award, and James Roberts and Peter Cure, both of Phoenix, won Waid Education Fund awards from the national AIA scholarship



Pretty Brenda Hovander and Terry Briggs, fourth year students at A.S.U. are in Great Britain this summer thanks to their \$750. Travel prizes. Brenda is in Wales — Terry in Northampton, England.

program. Roberts' was \$450 and Cure's was \$350. Roberts and Cure also received \$200 Sun Angel Foundation scholarships. Other third year awards included \$250 Architecture Foundation scholarships to Al Czubiak, Walter Shaputnic, John PonceDeLeon and Carl Nelson, all of Tempe; Jonathan Tudan, Phoenix; and David Fridlund, Merrill, Wisconsin.

Among the second year students honored were Paul Blakey, Phoenix, and Robert Yadow, Williston, Vermont, each receiving \$250 scholarships from the Central Arizona chapter of AIA; Bryan Suhler, Lamar, Colorado, and Stephen Koziatek, Manchester, New Hampshire, each receiving \$250 Architecture Foundation scholarships; and Ralph J. Roesling, Tempe, who received a \$250 First National Bank prize. Also at the second year level, Brian Miles, Mesa; Ann Thomas, Phoenix; and Mark Smyth, Arvada, Colorado, all won \$200 Sun Angel Foundation scholarships, while Dana R. Fife, Phoenix; Douglas B. Sydnor, Scottsdale; Alan L. Phipps, Fort Collins, Colorado; and Robert C. Bliss, Panorama City, California, all won \$50 Southwest Pine Association prizes.

It is our pleasure to extend congratulations to the capable young people and to wish them well as they continue in their chosen field. Right on!

Well Traveled Graduate

Not many architectural graduates have covered the amount of territory young, 28-year-old Graeme Hardy has. Graeme has just completed his studies in the College of Architecture at Arizona University and was named Outstanding Graduating Senior . . . his schooling was entirely self-financed.

He was born in South Africa . . . his family still lives in Rosebank, and he attended almost three years of architectural school before he came to the United States in 1965. Graeme worked as a staff writer and later art director for a California magazine, and toured Europe as the art director for the "Up With People" company prior to returning to the U.A. architectural school to complete his degree.

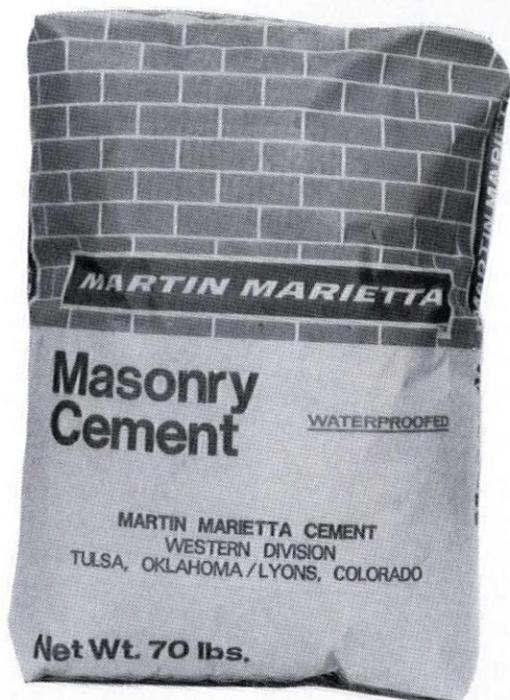
His job experience during his undergraduate years has been varied . . . he did win general residence scholarships covering fees and tuition, he "house-sat" for a place to live and worked at odd jobs for spending money. He also spent six weeks as a tour guide for four elderly American women touring South Africa . . . this was to finance a long-awaited Christmas at home with his family. He came back the long way round traveling across Europe to Tucson to pick up the 12 units he needed for graduation.

Globe-trotting Graeme has not yet decided where he is going from here . . . there is the possibility of an advanced degree, he's had some job offers, but he admits that his heel is itching again. "Who knows what will happen. School at the University has been a grand experience. It has developed my intentions as a person, and that is what education is all about. Mostly, I just know I want to stay around people and build for them. That's what architecture is, you know, the interpretation of people's wants."

We believe we'll hear more about traveler Hardie in the years ahead . . . he has tenacity — and curiosity — and awareness!



INSIDE and OUT



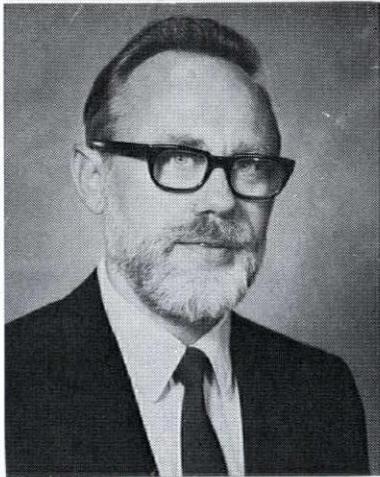
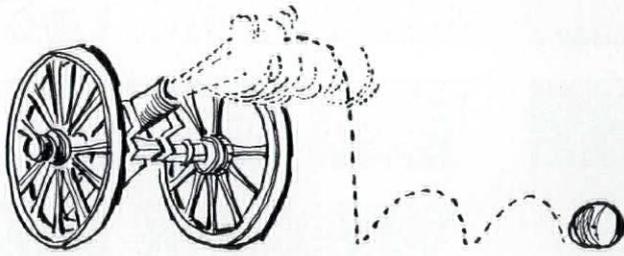
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a symposia salute



Richard C. Perrell, F.C.S.I.
Phoenix, Chapter

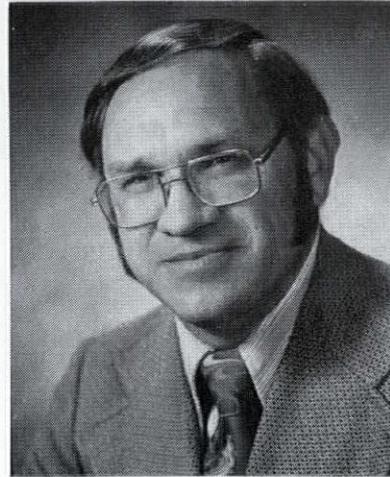
Since 1960, Arizona has been "home" to Dick Perrell — born in Yonkers, New York and educated in Tennessee. He became active in the Phoenix Chapter of the Construction Specifications Institute in 1961 — and "ACTIVE" is the word. He has served in almost every capacity including two terms as Chapter President and as editor of "Cactus Comments", their Newsletter for three. After some nine years, he retired from the "leaders" category only to assume the Conference Chairmanship for the most successful Region 10/Region 11 Convention held in October, 1971.

Dick was in charge of specifications and field inspection for the office of John Schotanus, Jr. until 1969, when he opened his own office offering the same sort of services to architects in the Valley of the Sun. He's still holding forth at the same old stand four years later.

He has been oft honored by his confreres — recipient of a host of awards and citations in the Annual CSI Specifications Competition, honored by CSI Region 11 for "distinguished service in the furtherance of technical research" and with a first Regional Award of Appreciation at the Region 10 Conference in Albuquerque, 1973. He has been a principal speaker at Regional Conferences — Region 10/Colorado Springs and Region 12, White Pass, Washington and at the National a year ago.

We're proud to say that Dick and his vivacious wife, Nancy Jane, belong to our Symposia family — and we're mighty pleased with that F.C.S.I. Congrats, Richard!

TO: The three gentlemen who make their homes in Symposia territory recently honored by Fellowship in the Construction Specifications Institute—1973. Investiture took place at the 25th Anniversary Celebration Convention held June 25-27 in Washington, D.C.



H. Maynard Blumer, F.C.S.I.
Phoenix Chapter

The fortunate man, a famous violinist once said, was one who made a profession out of an avocation. We would surmise from the post-graduate courses, seminars and tours of manufacturing plants Maynard Blumer of Phoenix has made, that he is just such a happy individual. A native of Stillwater, Oklahoma, graduate of Oklahoma State University, Maynard has never stopped learning and observing. His first registration as an architect was in Kansas in 1954, he worked as architect, planner and specifications writer with Flatow, Moore, Bryan and Farborn in Albuquerque, worked as a regional Architect for the U. S. Forest Service and since 1962 has been with Guirey, Srnka, Arnold and Sprinkle. He is the Associate in charge of Materials Research and Specifications.

Maynard has a "long and honorable" with the Phoenix Chapter serving on multi committees and as President in 1967-68. He was First Vice President, Chairman of both Technical and Task Force Committees in 1972-73. His many awards include Recognition from the Valley Beautiful Citizens Council in 1964-68; 1967 Honor Award from the Central Arizona/AIA; the Phoenix Chapter/CSI Distinguished Leadership Plaque and the Institute President's Distinguished Service Certificate in 1968 and many others.

Vitaly interested in Specifications Education, Maynard has taught at Arizona State University, conducts a monthly seminar for Construction Contract Administration personnel within his own firm — and actually a telephone inquiry from a fellow architect can result in a "short course" on a variety of specification topics.

Certainly, Maynard brings the full force of his ability and dedication to the Institute and is richly deserving of the F.C.S.I. he now wears behind his name. A good job — well done! Carry on!



Thomas W. Keeton, Jr., F.C.S.I.
Denver and Pikes Peak Chapters

Congratulating Tom on his C.S.I. Fellowship is a little like patting Secretariat on the nose for winning the Belmont, this guy has *always* been a "winner". His long list of accomplishments when laid end-to-end would cover a bunch of territory. Born in Connecticut, Tom spent his early life in New Jersey. In January, 1941, he enlisted as a private in the Essex Troop Horse Cavalry/New Jersey National Guard and a year and a few months later was on his way to England as T/Sergeant with the Army Transportation Corps. He received a battlefield commission as

Second Lieutenant and after a brilliant war record came home in late 1945 as a Captain. He is now Lieutenant-Colonel (ret.) in the Transportation Corps Reserve.

Five years and a War later, he married Norma, the "girl he left behind" and they moved to Denver in early 1946. They have three children . . . Tom III, who has just graduated from Junior college over in Grand Junction; Pam, married now and living in Colorado Springs; and Debbie, a pretty teenager still at home. Tom has been the "archy rep" for U. S. Ceramic Tile for lo these many.

And he's been some kinda "fearless leader" — President of the Rocky Mountain Optimist Club, President's Round Table, President of Denver's Producer's Council, and on the Board of Directors for CSI. A member of the Denver Chapter since 1959, Tom was a "founding father" of the Pikes Peak Chapter in Colorado Springs. He has just completed his "tour of duty" as Southwestern Regional Director for the Institute . . . and what a great job he turned in.

He's been a member of our Symposia family since we started in 1966 — and what can we say? Probably just God love you, Tom, you've done us proud!

NOTE: Also honored with Fellowship in the Institute at the CSI Grand National . . . Mr. Larry Fisher of Spokane, Washington. It is with much regret that we go to press without picture and "life and times" of Mr. Fisher. Congrats, anyway, Mr. F.!



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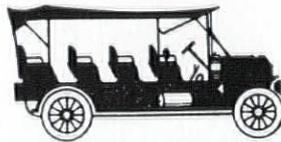
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For fun and games the likes of which you've never experienced at a Regional Conference before?

And the warmest of western welcomes from those friendly folks from the Colorado Central Chapter!

Just a few of these people who are at work right now to bring all the above goodies to pass are the 1973 Western Mountain Regional Conference Committee Chairmen headed by Chief Mechanic C. Neal Carpenter of Greeley. From left to right . . . please meet Fred Alexander in charge of Transportation; "Tag" Grossman who oversees the Award Exhibit and Banquet; Art Bush, the "money-man"; and Tom Nixon who is arranging the BIG Social Event on Thursday, September 20. Max Saul chairs the Continuing Education Seminar which is slated to open on September 18th; Darrell Smith is doing the graphics and Virgil Magerfliesh is the Facilities Chairman; Langdon Morris is in charge of the Historic Preservation Workshop and Max Roach takes care of the Producers' Council Exhibits. This year's Student Program is being structured by the young folks from Colorado University's College of Environmental Design with fifth-year student Dana Flitcraft as Chairman and Professor "Dev" Carlson, FAIA, as consultant. Tours and registration

will be in the hands of the Stanley Hotel Staff, Carol Odell in charge and Publicity is our job . . . that's us at Symposia. And there you have it—the 1973 Home Team who hope to make this year's Gathering of the Clans a most memorable occasion.



Okay, everybody in their seats—let's steam up to the Stanley and take a look around this year's Convention site. There it is now . . . that handsome Georgian style building nestled in a mountain valley in Estes Park, Colorado . . . gateway to spectacular Rocky Mountain National Park. The Stanley was really truly built by Freeland (some historians spell it with a "d"—Freeland) O. Stanley of Stanley Steamer fame and opened its spacious doors to its first guests in June of 1909. Raved Denver newspaper, The Rocky Mountain News . . . "It is simply palatial, equaling anything of its size in the world. It is luxurious and modern even to the great kitchen where cooking is done entirely by electricity." Ten days later the News reported the official opening . . . "This hotel amid glaciers, peaks and forests, has a truly alpine setting, and will go far toward bringing the upper mountain regions of Colorado into prominence as a rival of Switzerland. This hotel is colonial in style with 100 rooms. It is three stories high and is said to have cost \$200,000." And in 1909 that was no small hunk of change!

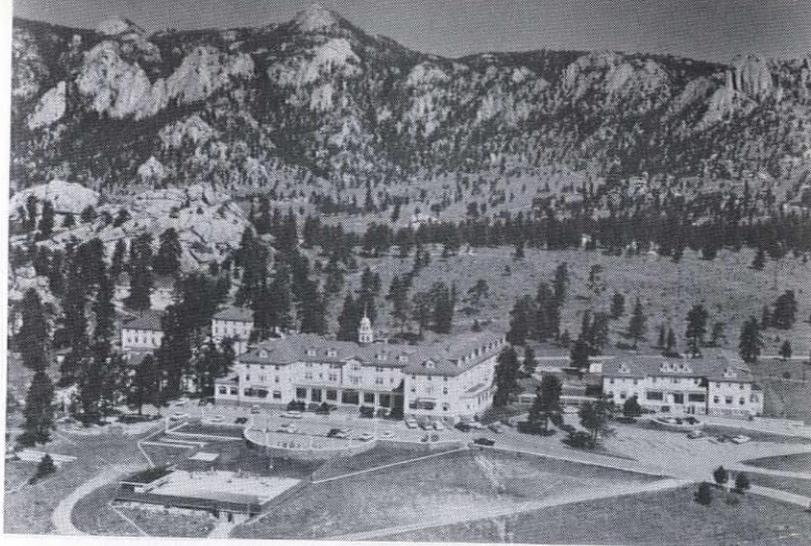
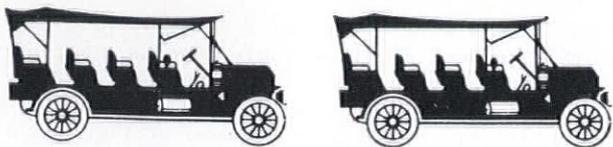
Notice the smaller building? That's the "Little Stanley" built right after the first season which was a stunning success. Actually they started out calling it the "Manor House", but the "Big" and "Little" nomenclature came about naturally. In those halcyon years, long before Amtrak, visitors "took the train" as far as Loveland or Lyons and proceeded to Estes Park via "high class automobile service"—the twin Stanley brothers developed a nine passenger wagon, a special version of the Steamer, with a powerful

(in 1909) 30 horsepower motor. That is just a sampling of the Stanley Hotel's colorful past.

The present . . . ? The old Georgian structure still has the understated graciousness and the charm of an earlier era, but some special T.L.C. and the deft hand of Denver interior designer Lou Aiello has restored the original patina . . . but the emphasis is on comfort and cheerfulness, not on antiquity. Dining facilities and meeting rooms are spacious . . . it is an ideal Convention Hotel. The cuisine is superb and the out-of-doors beckons for golf or swimming, fishing or hiking or just plain lazing and gazing at some mighty awe-inspiring scenery.

What will Western Mountain Region architects be doing in this beautiful setting? Some of them will come in early on Tuesday, September 18th for the Continuing Education Seminar on the Seismic section of the NCARB examination. Everybody else will steam in on Wednesday for registration, opening of the Producers' Council Exhibit and a welcoming Cocktail Party. Thursday morning begins with the Preservation Breakfast. Tom Muths from Jackson, Wyoming will preside and Langdon Morris of Denver will present a brief slide show on the "Visual Significance of Historic Buildings in the Urban Environment." You can't beat that combination—you pick up some "smarts" along with your breakfast orange juice. This is Dutch, incidentally—you pay for your own breakfast, the "smarts" come mit. Following breakfast, the first "official" session begins—principal speaker as yet unannounced.

At luncheon, WMR conferees will have the pleasure of hearing from Larry E. Scott. Mr. Scott is Executive Vice President of the Greeley National Bank and Chairman of the Colorado Commission on Higher Education. He will have an interesting and informative presentation for the architectural practitioner. The WMR President's meeting is scheduled for the afternoon and the ladies will take to the links for a Golf Tournament. A MAJOR Social Event brightens the evening hours.



On Friday morning, the principal speaker will be Bill Lacy from the National Endowment for Arts and Architecture with the Preservation Workshop taking the spotlight in the afternoon. Lang Morris describes this as a "nuts and bolts" session on the realities of historic building preservation. This will include renovation vs. restoration; some basic economics; adaptive uses; marketability; visual values, etc. Relevant projects will be detailed and there will be ample time for group discussion and questions and answers. Participating along with Lang will be Tom Muths, George Pearl, Alan Fisher and others.

Following the WMR Business meeting on Saturday morning, there will be a Seminar by Staff and Students of the Running Creek Station Project on environmental research and experience. A Golf Tourney for the gentleman is

slated for Saturday afternoon and, of course, it's Awards Banquet time, come the cool, cool, cool of the evening.

AND — speaking of **AWARDS!** Architects will be receiving all the official information via Uncle's Postal Service very soon. As projected, Architectural Award Entries will be due about August 25 — so be thinking about that prize winning project your office has. The emphasis this year at Estes Park is on **INFORMALITY**. In other words, come casual. You won't need a lot of white shirts or neckties. Do bring

your wife, his and her golf clubs, ditto swimming suits, camera or sketch book — and some warm clothing . . . coats or jackets for evening. At 7,500 feet, it's a tad chilly when the sun goes down. Leave your full dress — AND your worries at home.

Come casual — and do come! It's September 19-22, a wonderful time of year in the high country when the aspens glow golden on every hill side and the air is like champagne and you can see forever! Don't miss it — in 1973, the Western Mountain Region is steamin' up to the Stanley!

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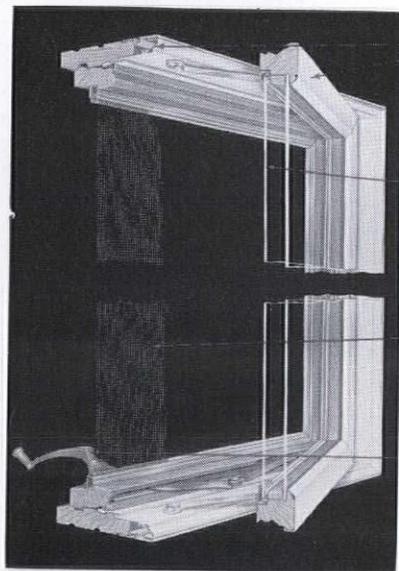
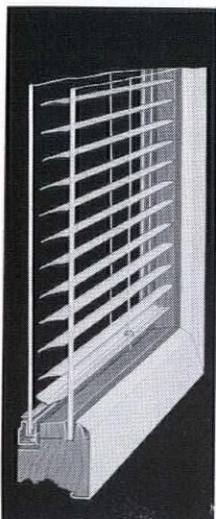
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The Problems Of Construction Industry Arbitration

(Our Man in Eugene (that's Oregon) alerted us to this excellent article which appeared in the March issue of *Arbitration News*. We have, thanks to Morris Stone, Editorial Director of this publication not only the permission to reprint Mr. Reiss' initial article but the second article authored by Mr. Reiss which appeared in the May issue of the same publication. We are most grateful to Paul Edlund and to Morris Stone for these comments by an "honest and true" expert on an area within the Industry which affects us all.

CONSTRUCTION INDUSTRY ARBITRATION

by: Jerome Reiss

"Don't tell me!" he said. "I was one of Raymond Pile's Chief Engineers for more than forty years and I know that if you encounter an unknown obstruction below grade, or the subsoil is not the kind expected, you're paid for the extra costs you have."

I was in Boston preparing for a hearing and talking to someone who had been furnished to me as an expert witness in a case involving subsoil conditions, and I was encountering problems. Here was a man who had worked in the very field in which we were disputing and yet did not understand the legal obligations of the parties. Worse, he thought he knew what they were and was not prepared to accept explanations from a New York lawyer.

"My God," I thought, "what if this man were an arbitrator instead of a possible witness."

The "Hohfeldian" Concept

Being an "expert" in a particular field is important, but equally important is the need to recognize and understand that arbitrating a construction dispute, as with any commercial disagreement, stems from a relationship between the parties which involves obligations and rights. And this Hoffeldian relationship* is almost always found in a written contract. The real problem, of course, is the proper interpretation of the applicable provisions of that contract.

The person who is chosen to sit as an arbitrator in connection with a construction dispute is expected to bring with him his personal knowledge and expertise. He is supposed to know that a pier is not something to which you tie a ship, but a column structure; or that a sheep-foot roller is a piece of equipment used to compact soil.

On the other hand, the fact that he knows certain problems may be treated in a particular fashion in the field during construction, does not mean that's treatment is the criterion for determining the rights of the parties. The contract is; over the years the contract language has achieved particular meanings in case law, and it is reasonable to expect that arbitrators, whether lawyers or not, will entertain and weigh legal arguments before making their determinations.

*Some Fundamental Legal Conceptions as Applied in

ABOUT THE AUTHOR

Jerome Reiss is a member of the New York law firm of Max E. Greenberg, Trayman, Harris, Cantor, Reiss and Blassky. Mr. Reiss is a graduate of Brooklyn College and the Harvard University School of Law. He served, for a time, as Assistant Corporation Counsel of the City of New York, and lectures frequently to Industry groups. He represents clients throughout the United States on Construction Industry matters.

Judicial Reasoning, Hohfeld (1913), 23 Yale Law Journal, 16, and (1917) 26 ibid 710.

Importance of Predictability

There are arbitrators who believe that the very purpose of arbitration is defeated if it is going to act like a court. In fact, they would eliminate lawyers entirely in many instances. They forget, however, the importance in any economic system of being able to forecast an outcome; they forget the immense number of situations which resolve themselves because people know or are advised beforehand of what their rights are. The philosophy of these arbitrators would create a form of anarchy in which each case would be decided honestly but according to the personal whims and biases of the arbitrators. History has taught us that this approach to problems is not the best; and it is for that reason the courts have accepted a form of resolving disputes which recognizes certain legal principles and carries them forward while adopting modifications as they go along which are tailored to the exigencies of a particular case. At law, this method of following principles laid down in other cases is called "stare decisis." Within its own limitations, arbitration should attempt to follow this principles wherever possible.

With respect to subsurface problems, my "expert" should have been prepared to learn that the law has always been that in the absence of a misrepresentation in the contract, such as may be found in boring data furnished to a bidder, a contractor is not entitled to be reimbursed for any unanticipated costs caused by hidden or subsurface conditions. (Anderson, "Changes, Changed Conditions and Extras in Government Contracting," 42 Ill. L. Rev. 29, 43 (1943); *Christie v. United States*, 237 U.S. 234; *Young-Fehlhaber Pile Co. v. State*, 177 Misc. 204, 30 N.Y.S. 2d 192).

Recovery for "Unusual" Conditions

Owners wisely realized this result was not desirable since it meant contractors included a contingency amount in their price to cover the possibility of encountering such a situation; therefore, a provision was inserted into the contract by them which calls for an adjustment of price where these conditions are encountered during excavation. (*Joseph Meltzer, Inc. of New Jersey v. United States*, 96 Ct. Cls. 148). In order to recover, the condition encountered must be unusual—one that could not reasonably have been anticipated from a study of the specifications, the drawings or borings, or an examination of the site. (*Leal v. United States*, 276 F. 2d 378, *General Casualty Company v. United States*, 130 Ct. Cls. 520). Recovery is also allowed where the actual condition is different from what is shown in the contract drawings; for example, where work is found which is not shown by the borings (*Fehlhaber Corp. v. United States*, 138 Ct. Cls. 571, cert. den., 355 U.S. 877), or where unsuitable material encountered in

a borrow pit is not shown by the contract documents (*S. J. Groves & Sons Co. v. United States*, 106 Ct. Cls. 93). However, if the contract says nothing but the owner has actual knowledge of the true subsurface conditions and does not disclose it to the contractor, the latter is allowed to recover his extra costs. Knowing these legal principles makes it easier to resolve disputes arising out of subsurface conditions. All that remains is to find the true facts.

From the May Issue ARBITRATION NEWS

The Applicability of Federal Law to Construction

Local contractors who believe that the Federal Arbitration Act has little or no effect upon them may be in for a big shock. Legislation in some states has given enormous impetus to the resolution of disputes through arbitration, but contractors and attorneys have begun to focus upon the Federal Act as a means of gaining access to those jurisdictions which have previously been closed to this remedial procedure.

To realize the full impact of the Federal Act, it is essential to understand that the right to arbitrate arises out of a contract between the disputants and that under the common law an agreement to arbitrate future disputes was unenforceable. While New York and other states have passed Arbitration Acts in derogation of the common law, many states to this day still refuse to enforce agreements to arbitrate future disputes. The underlying reason given is that parties may not agree between themselves to divest courts of their inherent right to hear and decide controversies. Regardless of state law, however, arbitration provisions in all construction contracts have become enforceable.

"Almost Anything" Affects Commerce

The Federal Arbitration Act specifically states in Section 2: "A written provision in a contract evidencing a transaction involving commerce to settle by arbitration a controversy thereafter arising out of such contract or transaction, or the refusal to perform the whole or any part thereof, of an agreement in writing to submit to arbitration an existing controversy arising out of such a contract, transaction, or refusal, shall be valid, irrevocable, and enforceable, save upon such grounds as exist at law or in equity for the revocation of any contract."

As the foregoing clearly indicates, the Act becomes applicable only where there is an agreement evidencing an intent to arbitrate and the subject of the dispute involves "commerce". As for the pivotal question of what constitutes "commerce", the answer is—"almost anything". For example, it was held by the United States Supreme Court that although a farmer produced wheat solely for his own consumption, he was, nevertheless, affecting "commerce" and subject to the Agricultural Adjustment Act which sought to raise the price of wheat and limit its production. The Court's explanation was that home-grown wheat would have an effect upon the demand for wheat moving through interstate commerce. *Wickard v. Filburn*, 317 U.S. 111 (1942).

Broad Reasoning

In a more recent case, the Supreme Court held that an amusement park near Little Rock, Arkansas, was subject to the Civil Rights Act because it affected "commerce" since it offered to serve interstate travelers as well as local residents. In addition, the Court pointed to the fact that the park sold food and drink containing ingredients which came from out-of-state sources. *Daniel v. Paul*, 395 U.S. 298 (1969).

Construction cases, in determining the applicability of the Federal Arbitration Act, can be expected to follow the same expansive preemptive reasoning. Subcontractors and suppliers do business in different states; and construction materials clearly are transported across state lines.

Thus, regardless of the true legislative intent of Congress, it is certain that Federal Courts will be forcing construction disputants into arbitration in spite of state prohibitions. See, *Sears, Roebuck and Company v. Glenwal Company*, 325 F. Supp. 86 (S.D.N.Y. 1970), *aff'd per curiam*, 442 F. 2d 1350 (2d Cir. 1971); *Robert Lawrence Company v. Devonshire Fabrics, Inc.*, 271 F. 2d 402 (2d Cir. 1959).

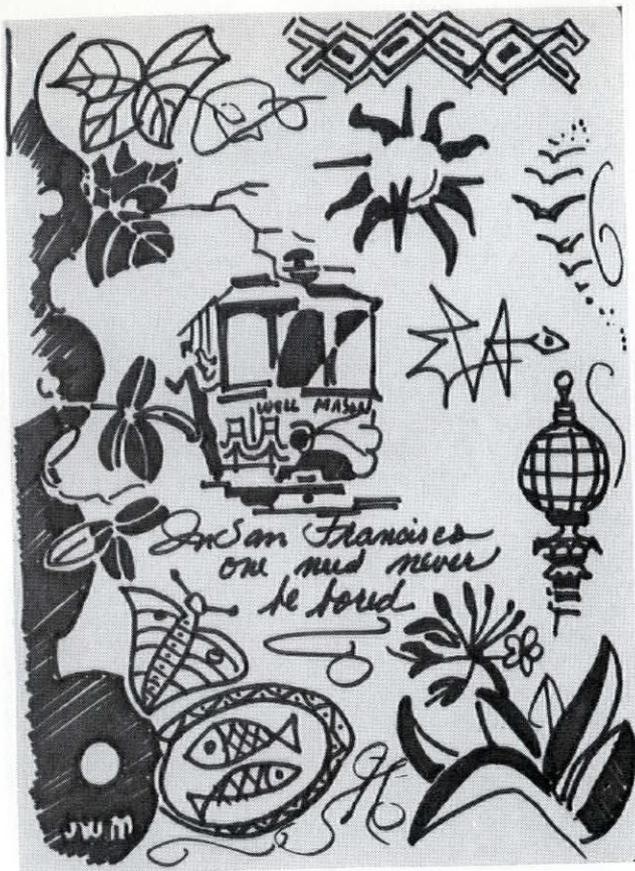
AAA May Designate Place of Arbitration

There are those who have suggested that the Federal Act changes nothing for local contractors, but these views are myopic. At one time, when a dispute arose between a local contractor and his geographically distant subcontractor or supplier, there was little likelihood of arbitration being held in the subcontractor's home town if compulsory arbitration was prohibited there. That is no longer true. Today, a Texas subcontractor or supplier can compel a New York contractor under the Federal Act to arbitrate in Texas merely by filing his claim in that jurisdiction since the rules of the American Arbitration Association designate the Director of the region where the claim has been filed as the person authorized to determine where the hearings will be held, and the practice is to retain the place of first filing as the hearing site of the case. In other words, a general contractor may find himself engaged in arbitration proceedings concerning the same project in numerous widely-scattered states.

Contractors can escape this inequitable result by avoiding the use of a standard arbitration provision, such as the one found in the American Institute of Architects' contracts, and by replacing it with one tailored to the particular needs of the parties. For example, the arbitration clause could designate New York City as the place where all arbitrations arising under that contract would be held and thereby eliminate the expense and possibility of engaging in numerous hearings throughout the country.

To summarize, it is now evident that lurking behind every construction contract containing an arbitration clause is the mandatory provision of the Federal Arbitration Act. Therefore, it is incumbent upon those who wish to use arbitration as a means of settling their differences to make certain that they understand the ramifications of this Act when it is coupled with the regulations and procedures of the American Arbitration Association, and to be certain that their true intentions are clearly expressed in the arbitration provisions of their contract.

(If you don't agree . . . address "Critique" — Symposia, 4070 Estes, Wheat Ridge, Colorado, 80033. We'll meet you on the corner by the Cigar Store Indian.)



In "Everybody's Favorite City"

with: John W. McHugh, A.I.A.



The A.I.A. CHOSE San Francisco, and indeed we were WELL COME to this city where one never need be bored. It is not all bright and new, nor is it antiquity sentimentally preserved. It is a vital, changing, growing city with the past and the present all mixed up and seasoned with dreams of the future. Here you may buy

anything you'll ever need or want and do anything your imagination can cook up; here is a city with scope.

The grid street pattern draped like a plaid blanket over the seven hills causes visual excitement and makes a changing series of magnificent views available to each person at different times. There are big league baseball, opera, local theatre, the best of New York productions, ballet, three fine art museums, symphony, beaches, marinas, lovely parks, ships departing for the Orient, shops containing treasures, trinkets and delights from all over the world and beyond, bright sunny windswept places, quiet poetic shadowy places, the finest collection of varied restaurants and night clubs on the continent, and seven hundred thousand of the most colorful, individualistic, vital, interesting, mean and kind people on earth!

To enjoy San Francisco (as indeed to enjoy anyplace) one must become involved, and architects seem to be good at this sort of thing. Straining to see the Grand Canyon from the middle seat of the 727, wondering what the devil those colored ponds are that one flies over at the

upper end of the bay, greeting the staff of the Chancellor Hotel like old friends, and then plunging straight into a lavish Sunday brunch at the Starlight Roof of the Drake—this was a good beginning to the convention.

The Dodge party Sunday night was out of fable. A block-square old warehouse building had been cleaned up and converted to sales and display spaces, mostly for furniture. But they left a lot of open, carpeted space for free and easy circulation. Into this natural wood, exposed brick and red carpeted area were strategically placed bars, food tables and six or seven bands, the Traendleys and other McGraw-Hill types, together with about three thousand and architects and wives! The drinks were a bit small and the lines were long, so I devised a system to get "one for me and for my wife" and poured them both into one glass for myself—while Gillian did the same thing in another line. We ate a bit, drank a bit, renewed many acquaintances and reveled in the Dixieland Jazz. It was a huge success.

Monday morning the cable car took us down to Fisherman's Wharf and an Irish Coffee at Buena Vista. We almost, but not quite, bought out Cost Plus, had a fabulous luncheon in the 1900's elegance of the Palm Court of the Palace Hotel, and made the opening session. At the President's reception it was pleasant to shake hands with Our Leaders but the dullness of the museum building was matched by the dullness of the exhibits.

The report on the business sessions I will leave to Bob Fielden, but on the shuttle bus taking us back to Union Square my seat mate turned nervously to me and said, "I wish they'd hurry. I'm getting nervous. You see, my wife is at Gump's!" (I didn't tell him, but mine was too!)

The Cultural Cavort at the Oakland and Berkeley museums was a pleasant and unique experience. At the Oakland museum hundreds of our smartly dressed colleagues were milling about with glasses of champagne in their hands while strolling from food table to food table through what seemed to be the hanging gardens of Babylon on a sunny and velvety California evening. There were moving groups of musicians, jesters, jugglers, magicians, belly dancers and madrigal singers! And in the cavernous interior of the museum, a really lovely girl was playing chamber music at an ancient clavichord together with a flutist and a violinist. We listened so long and ate so much that we were (alas) too weary to go on to the Berkeley museum, and took the first bus back to San Francisco. The driver dropped most of us off at Nob Hill and then gave the rest of us a white-knuckle ride to Union Square via the California Street hill—and at speed!

Wednesday there were business sessions (and sketching sessions). That evening we took our appetites to The Old Poodle Dog restaurant (muy sombrero), took in a show, and finished off the evening with cocktails at the Penthouse atop the new St. Francis addition. This is reached by a very, very high speed outside elevator which shoots one out of the dark lobby into the evening sky with a sort of lapsed-time motion picture view of the city, the bay, Oakland and—you can probably see to Oregon for all I know. The lower roofs on which you peer down have been finished with Burl Marx type designs in different colored gravels and rocks. There are flowers and even trees in planters, and the machinery penthouses are decorated with super graphics, so that the view is great even straight down. The drinks, the cheeses, the views and the entertainment in the cocktail lounge are all of the finest.

Thursday began with caucuses, plenary sessions, and ended with the Annual Ball. The food and music were surprisingly excellent, everyone looked pretty and the master of ceremonies was hilarious, but the dance floors were too small and too far from the orchestra. On the way home we stopped in somewhere for coffee and heard two women talking in the next booth. "Don't worry, honey," one of them said, "you're going to New York where the men are good looking." Can't say as I've noticed this myself, but then I'm not a connoisseur of male beauty.

The bus picked us up at the hotel at 9:55 A.M. on Friday and delivered us to the St. Francis Yacht Club. Here we met other excited people dressed in sneakers, double knits and zip jackets. We were each issued a bottle of wine and a box lunch and were eventually collected by our various skippers for the host chapter's "Day on the Bay." This was surely the high spot of the week for me. Our boat was "The Enchantress," a sparkling forty-five footer—sail, of course, with auxiliary power to get us out into the wind. And there was a lot of wind that day.

We sailed out through the Golden Gate under the bridge into what must have been the Pacific Ocean where we spoke to some seals. Apparently they didn't understand Rocky Mountain accents because they didn't reply. When we turned and headed back into the bay the skipper broke out the Bloody Marys and in smoother water inside the bay we downed our wine, cheeses and delicious lunches. At Hospital Cove on Angel Island we paused a while to talk to those in other (lesser) craft—and I made another sketch. It was the return "weather leg" that was exciting. In the strong winds blowing through the gate the boat heeled over and ran like sweet lightning. We were hanging on the weather side to balance the boat while getting soaked regularly with the spray. We were in a modest sort of race with another boat and won handily; it was exhilarating in the extreme. I look terribly sunburned and fit now, but for two days the top of my head was so sunburned that I couldn't even walk under a ceiling light without it hurting!

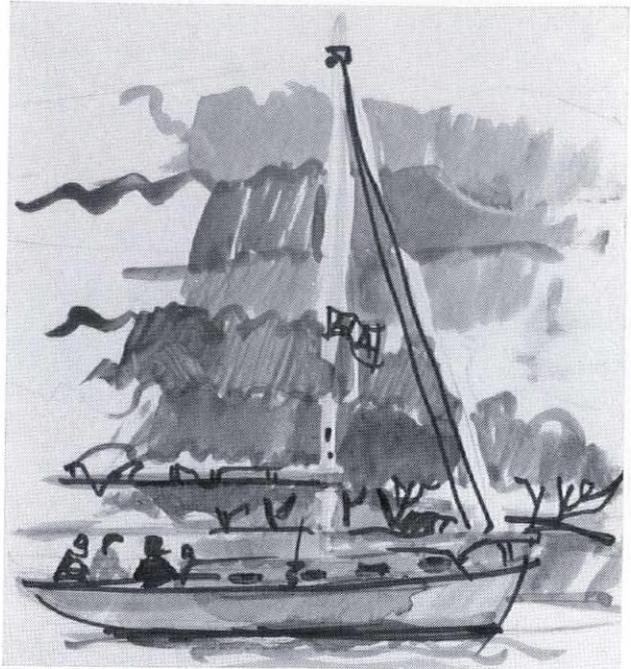
Showers, change, cocktails, and then dinner with friends at Julius' Castle finished off the most pleasurable A.I.A. convention I have ever attended.

(If the first paragraph of John's delightful "blow-by-blow" seems a bit familiar to those of you who attended the "Grand National" in San Francisco—it is because it appeared in the Host Chapters' "Archival Guide" which was presented to all convention-goers, and which was written for the most part by our talented Mr. McHugh. We are, of course, further indebted to "Himself" for our July cover and for the sketches which accompany this article.)

The Business At Hand

Reported by: Robert Fielden, A.I.A.

This year's business meeting at the San Francisco AIA Convention was an academic effort by National to follow bylaw requirements and was as inspirational as soggy cereal. In fact, the only excitement to occur, during the otherwise dull days, happened late in the afternoon session when Resolution #2, titled: STATUS OF WOMEN IN THE ARCHITECTURAL PROFESSION, was presented to the floor. The gallery's lackluster overtones of earlier ayes and nays was momentarily disrupted as a floor battle developed over the purposed sexist language used



Hospital Cove—Angel Island

in standard AIA documents, publications and journals. After amendments to the resolution finally passed the floor, omitting Section 5 of the original resolution (covering sexist terms), Resolution #2, through a roll-call vote, passed.—Libbers; one: Male Chauvenist Pigs; zero.—For those WMR delegates' wives who may be reading this; the results of the regional voting was 25 for the Resolution and 17½ against, with Jess Holmes and George Sprinkle abstaining.

In other, less controversial, business to come before the convention, the delegates opted to the National Boards' position to restructure the entire dues program for the Institute during 1973, and to present to the Washington, D.C. convention next year proposed bylaw changes that would reflect current monetary requirements for supporting national programs and operations, and plans for relieving the inequities of the present supplemental dues structure.

With "Greenback" being next year's four-round main attraction, things should liven up. Delegates' wardrobes should include red-white-and blue, star-studded, striped shorts with empire waists (to minimize below the belt activity), spiked shoes, and bludgeons.

Come to think about it—D.C. may be as fun-filled as the Chicago fair—9 to 5 odds are, that at least, you won't need your NO DOZE.

The W.M.R. Checks In

From: Joe Boehning, A.I.A.

Bonnie, son Dave and I had a wonderful three days in San Francisco. We rode the cable cars, the trolley cars, the cable cars, the electric buses, the cable cars, the ferry boat, the cable cars, BART, and finally one last fling at the cable cars. The BART system is really well done. It is very smooth, fast, quiet, and comfortable. When it is



Ghirardelli Square

fully completed, it should do a great deal to help the pollution and congestion problems in the bay area. It is so automatic, they had to show us country hicks how to work the gadgets to get aboard.

The Regional Council meeting of the Western Mountain Region, AIA was held Sunday morning, May 6th at the Mark Hopkins Hotel. It was a most productive meeting. Most of the 3½ hour session was spent discussing the by-law revisions presented by Director-Elect Bob Fielden. No revisions were adopted at this meeting, but the consensus of the Council was heard on each revision proposed. As a result of this meeting, Bob will re-write the revisions for presentation to the Council at the Colorado Conference in September.

Bob Fielden announced the appointment of Gerald Strehlow to the position of Secretary/Treasurer of the Western Mountain Region when Bob assumes the directorship in December. Gerry is a past president of the Nevada Association of Architects and is from Las Vegas.

The Council voted to fund the publication of a Regional Newsletter to be published six times a year. It is strictly designed to distribute "in-house" news to the architects within the region. It is not intended to duplicate or supplement Symposia. The Council expressed its feeling that Symposia is doing a fine job.

What It Was All About!

Urging architects to "elevate the human condition," Dr. John T. Caldwell keynoted the 1973 AIA Grand National which underscored the theme of the "Challenge of Growth and Change." "There is no question," said Caldwell, Chancellor of North Carolina University, "that

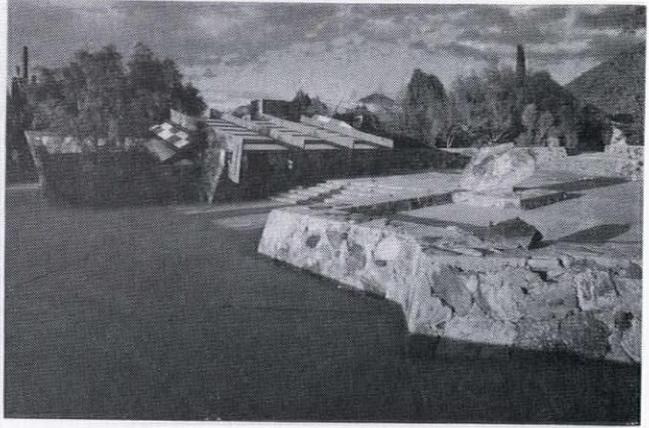
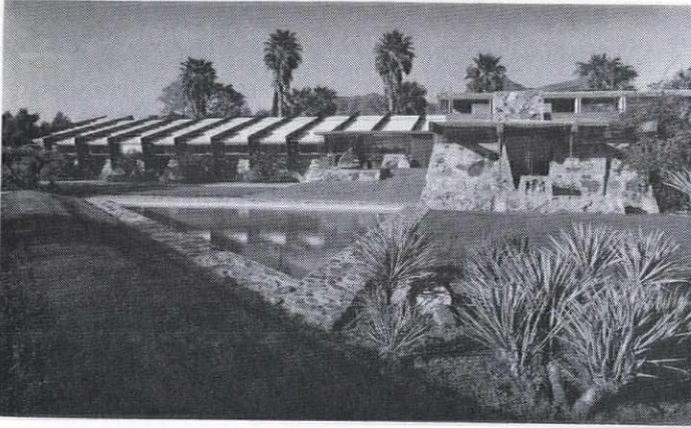
commonly available air and water have been polluted with selfish disregard for people present and unborn. It is obvious that our planning and zoning have lagged behind continued exploitation of limited land resources and that the common interest in beauty and order is sacrificed." In a more optimistic vein he saw that "right now abroad in this land is a sometimes quiet, sometimes noisy, sometimes clear, sometimes fumbling but nevertheless insistent voice of conscience and enlightenment asserting itself in the corporate board rooms, in city halls, in the Congress and in neighborhoods."

One of the three panelists who examined the "Challenge of Leadership" was Seattle attorney and environmentalist, Marvin Durning. Mr. Durning is well known in the Northwest, speaks frequently to members of the profession and was a principal speaker at the Northwest Regional Conference in 1971. Durning said the nation must stop thinking and acting like cowboys riding roughshod over the countryside as if it had no limits. In the United States, we have pointed with pride for years at our increasing Gross National Product which he termed "a giant cash register." "That GNP has been increasing and we thought the standard of living was going up, but we are breathing contaminated air, there is not one major river system which is not polluted and thousands of miles of highways slice up the cities, but the GNP hasn't added up all these costs. The time has come," he stressed "to rethink our attitude toward the land. It is not a commodity which can be bought off the shelf." Mr. Durning praised the first steps taken by the Institute in the National Growth Policy report issued in 1972, and defended the right of governmental bodies to refuse to allow the development of communities or developments on private lands if it is not in the best public interest . . . if some people want to call this socialism, he said, they can do it, "That's an old bogey word."

Seven architects from Symposia-land were elevated to the College of Fellows (See June, 1973 Symposia Salute), and four architectural firms in Washington were cited in the annual Homes for Better Living Awards Program. First Honor Awards were presented Robert Billsbrough Price, FAIA, of Tacoma for a multi-building project in Olympia and Keith Kolb, AIA, of Seattle for a custom addition in Seattle. Alan Liddle, FAIA, received an Award of Merit for a custom, year-round house in Tacoma and Mithun and Associates of Bellevue, Washington received an Award of Merit for a multi-building project in Redmond.

The AIA 25-Year Award given in recognition of architectural design of enduring significance was presented in 1973 to Taliesin West now the site of the Frank Lloyd Wright School of Architecture and the southwestern headquarters of the architectural firm that bears Wright's name.

Conceived as a tent-like structure to be used only for short periods in mid-winter, facilities at Taliesin West were sheltered by canvas stretched over wooden roof trusses and beams. With increasing use, the complex of structures was expanded and some of its original components were replaced with more permanent materials. Translucent plastic was substituted for canvas, and still later glass skylights were set between trusses and installed along stone walls and in garden courts expanding the view of mountains and the desert mesa near Phoenix. Since redwood was vulnerable to the desert climate, Wright began to replace these structures with steel and decks of reinforced concrete before his death in 1959.



Bruce Brooks Pfeiffer, curator of drawings and archives at Taliesin West commented . . . "When Mr. Wright was alive, not a day went by without his changing, improving, expanding these buildings; and he left us a master plan for further development.

He began to alter the landscaping within the compound of the buildings from desert cactus to more luxurious plants—establishing a citrus grove, palm garden and planting hibiscus, bougainvillea, Italian cypress, grass lawns, flowering trees and gardens full of fresh cutting flowers for each season."

In announcing the selection, Chairman of the 1973 Honor Awards Jury, Pietro Belluschi, FAIA, of Portland stated—"The years have not diminished the elemental quality of Taliesin West. More than other works by this master it shows how to grasp the mood of the land and transform it into a place of harmony and beauty. Here one understands the magic of man's primeval relationship to nature."

(Our appreciation to Editorial Board Members — John McHugh, Bob Fielden and Joe Boehning for giving our readers a somewhat different summary of the 1973 AIA gathering of the clans. Gentlemen! Kudos!)

Historic Treasure Threatened

In 1952 Frank Lloyd Wright lost a battle to preserve the desert north of Scottsdale and Phoenix from the visual blight of a high voltage transmission line. In 1963 the line was dismantled and replaced with three lines, each one bigger and more conspicuous than the first. The heirs to Wright's practice at Taliesin fought unsuccessfully to halt this construction which came within 1,300 feet of the famous building complex. The architectural landmark is widely recognized as an outstanding expression of the famous architect's principle of building in harmony with nature. It is an especially appropriate building for the Arizona desert.

For a decade, in spite of the gradual advance of urban development, Taliesin West remained undisturbed. Then in late 1972, planning consultants from the California firm of Wilsey and Ham, working for the City of Scottsdale, proposed a six-lane freeway next to the power lines. At the same time the U.S. Bureau of Reclamation was staking out the centerline of an 80 foot wide canal adjacent to the power lines.

The freeway proposal was abandoned as a result of joint efforts by the Scottsdale City Council and planning staff working with architects from Taliesin. Scottsdale is recognized widely for its innovations in municipal services and its tough land use policy toward developers, and its general position of taking hard looks at freeways. It was Scottsdale's reputation for this kind of stance which led to Scottsdale's annexation of Taliesin in 1972. Since then the Council and Taliesin personnel have worked closely on matters affecting future growth policy in the area.

The proposed canal, another man-made intrusion into the desert immediately south of Taliesin, will be flanked on its north side by a 36 foot high dike some 13 miles long. Although the need for a canal, a link in what is known as the Central Arizona Project, has been questioned by environmentalists, ground has already been broken and construction of the first stage of a pumping plant is underway. The dike will terminate south of the main Taliesin buildings and will be clearly in view from them. Architect's Charles Montooth and Anthony Puttnam of Taliesin have been working with Andrew Dolyniuk, construction engineer of the Bureau of Reclamation, to mitigate the damaging effects of the Aqueduct and dike and to make it more useful to the communities through which it will pass. The cities of Scottsdale and Phoenix are supporting this effort.

Construction scars will remain for years. Joint efforts are being made to utilize the project right-of-way for much needed recreation space. Taliesin architects have proposed an undulating, curvilinear dike with varying heights revegetated with native plants and trees. Lagoons and ponds would provide picnic, camping and water recreation in the areas behind the dike. The dike is being proposed by the Bureau as a flood control facility much sought by Scottsdale.

Bureau engineers have indicated that they have been instructed to work with the architects to incorporate environmental concepts and aesthetic enhancements into the final design.

The most recent threat to the desert environment so important to Taliesin West comes from a Chicago architect who has plans for a 124 unit development lying to the west of the entrance road laid out by Frank Lloyd Wright in the 1930's. The Taliesin architects feel there is a need for some kind of scenic easement to protect the approach from inevitable development.

Charles Montooth, A.I.A.,
Taliesin West

Construction Management Choice or Chance?

Inexorable as a tidal wave—Construction Management has literally inundated meetings of the construction community during the past few months. Seminars, short courses, long courses, panels and reams of the written word have been presented on this ubiquitous topic. One of our more recent excursions into “Never-Never Land” was the Denver CSI Chapter’s Educational Seminar held on May 9 with Moderator (And Region 10/CSI Director) R. James Noone in the driver’s seat. The wheel was relinquished for stated intervals to Bob Johnson, AIA/CSI, representing the Owner; John Welsh, AIA/CSI of McKee-Berger-Mansueto representing McKee-Berger-Mansueto; Jerry Pope, AGC/CSI, Manager of Special Projects for the Hensel-Phelps Construction Company (no odds on who he represented) and Charles Thomsen, AIA, President of Construction Management Associates of Houston and consultant to the N. G. Petry Construction Company.

Riding in the back of the bus was a large and polygot group of owners, architects, engineers, contractors (both general and sub) and suppliers who after some eight hours were perhaps agreed on at least one premise—it had been a helluva long trip!

In the Never-Never Land which is Construction Management, there are no Captain Hooks. All protagonists are cast as Peter Pan (or at the very least, Tinker-Bell). Only Bob Johnson seemed willing to assume “second billing” (Peter’s Shadow?) and wisely stayed within the parameters of his expertise. He set the stage for the discussion to follow by outlining the dilemma the Industry currently faces, and delineated the construction picture at the University of Colorado where he is an associate in the office of the University Architect. U. C. is indeed a complicated organization with complicated external relationships. Since everyone has a finger in the pie and the University is spending public monies (Note: public funds are “monies” in contrast to private “money” — plural perhaps because there are so many taxpayers)—construction is often delayed for lack of appropriations which is a costly, and essentially a conservative and slow

process. Recently, however, the Board of Regents has allowed them to go ahead on a trial basis using a phased construction mode and a Construction Management Team of Architect, General Contractor and Owner. Thus far it has proved most successful . . . it has saved time, retained the advantages of competitive bidding and retains the *one prime* contractor solely responsible and where you can put a finger on him. Bob felt this one project has given them an opportunity to learn—and if another such opportunity is provided, he thinks the mechanical and electrical side should be brought into the process early on. They selected the General Contractor from a very strictly pre-qualified list at the schematic drawing stage, negotiating a professional contract for Pre-Construction Services, followed by a Cost Plus a Fee Contract with a guaranteed Maximum Cost and shared savings. The architect also received a fixed fee. The shared savings provision and the architect’s fixed fee, Bob believes, puts all the members of the Team on the same side of the table with the Owner providing incentives for good design, shorter construction time and money savings.

A quiet and uneventful question and answer period briefly followed Bob Johnson’s presentation for the Owner.

Akin to the ancient Magi, the emissaries of McKee, Berger, Mansueto journey from the mysterious East to bring wisdom to we poor fellahin of the western wilderness. Upon hearing their latest envoy, Mr. John Welsh who heads the western Regional office, we just have to be convinced that if MBM had been on the site at Gizeh, decades could have been shaved from the construction time and good old Khufu could have gone to his rest with a couple of shekles to rub together in his mummy case.

Mr. W. began by reiterating the troubles of the Industry due to outdated methodology . . . “Management,” he said, “As a separate technique is in use everywhere in the business world except construction and that other silly industry, agriculture.” To those who heard principal Anthony Mansueto in Albuquerque at the Re-

gion 10 Conference in February, the typical “hard-sell” of MBM as THE Construction Management Firm, Mr. Welch’s rhetoric came as no surprise. It is all too true that the seven offices in the U.S. and operations in ten foreign countries have posted an enviable track record assuming control over some billions of dollars worth of construction. Indeed they offer forty different disciplines on their own staff, keep projects ahead of schedule and on the money (this apparently can be documented) and acting as a cohesive agent, guiding the structure from the glint in the owner’s eye to handing him the key to the front door. Perhaps it is just this aura of infallibility which causes a roomful of hackles to rise. “There may be other ways of looking at it,” Mr. Welsh declared, “but my job is to see it from my point of view.”

Although he assured his audience “I don’t want to get in a fight with a lotta contractors”—his exile of the General “beyond the pale” and the creation of 25 primes out of 25 subs on a \$1.5 million job in Colorado did nothing to make friends and influence people in the A.G.C. Questioned during the free-wheeling discussion about whether or not the sequential steps he took as an architect (he was one for 20 years) were very much different than those he now takes as a Construction Manager. He admitted they were pretty much the same, but quickly relegated the architect to the atelier by stating that architectural firms were not competent and the real difference was in degree rather than process.

In short, Mr. Welsh performed again the old McKee, Berger, Mansueto “soft shoe” routine . . . only once did his footwork falter . . . when he was quizzed on the CM’s fee. Mansueto, in Albuquerque, side-stepped this one with polished terpsichorean ease, but somehow Mr. Welsh did get mixed up with some percentages . . . 2% to 12% depending on the size of the project, then quickly regained his equilibrium to plead, “Of course, we don’t actually do it that way!” There remained, however, a shadow of a doubt that perhaps when the “fixed fee” was being negotiated there just

might be a percentage lurking somewhere in their innocent minds.

The Owner was another victim of Mr. Welsh's overall phillipic . . . 50% of all construction delays were laid at his feet which is why MBM insists on full owner-involvement. Finally, when asked if outside advice was solicited from the sub-contractor, he said it was all done in-house and advice obtained for nothing represented just what it was worth.

Licking their wounds, Mr. Welsh's auditors retired to the bar for some much needed "attitude adjustment."

Following a convivial hour and a Buffet dinner, the troops filed back into the bus and Jerry Pope took the wheel. His initial statement . . . "If you do not keep your 'butt in the mud', you will get your 'head in the clouds'" set the tone. Jerry has been with Hensel-Phelps Construction since 1966, is presently Manager of Special Building Construction Projects and is an "old hand" at hard-nosed analysis, estimating and negotiation. He subscribes to the premise—"Why not use a General Contractor as a Construction Manager, that's why you hired him." The GC, says Jerry, is "a doer not just a talker, after all it's his name on the bottom line." He glibly reeled off the reasons for construction cost escalation in the Denver area indicating that like the drummers in "The Music Man"—you gotta know the territory. Nor does he quarrel with the traditional contractual arrangement between architect—owner — contractor. Cooperation within this team is mandatory. The Contractor or Construction Manager (he uses the term interchangeably) should begin his input with the feasibility study and mechanical and electrical people should be involved from Day One. "Many contractors and architects loose their ability to manage their own work due to consultants."

Jerry feels the availability of the G. C. to the project at all times is vital—in the first sixty days, it is critical. During both the schematic drawing development stage and during working drawing development, the G. C. can prove his worth through cost estimates and construction scheduling, preparation of detailed budget estimates, evaluation of systems and sub-systems, in short, serving in a consultant's role to supplement the architect's effort.

G. C. Pope is equally direct in his attitude toward the purchasing and

project control systems. Major material suppliers and sub-contractors must be investigated and pre-qualified, and this list is a matter for mutual discussion between owner, architect and contractor. His firm prepares the bid packages for negotiation and/or competitive bidding and there is no Mickey Mousing around . . . three days after bid submittal you either get a "Dear John" letter or a Notice to Proceed.

In the selection of a Construction Manager, Jerry advises a hard look at his performance—labor, safety and financial record—he should be constructing with his own forces—not just a broker. He needs to have a "take charge" type of organization but he doesn't need a huge staff. What an owner needs is one man who knows his job. The architect must assume the leadership role, and bickering between members of the "team" is a waste of time, after all, they're all in it together. In the field of systems studies and planning required, he doesn't think it is necessary to reinvent the wheel on every project. A good G. C. knows the area, the availability of labor and materials and doesn't need a survey to locate the problems. Computer use can be very valuable, but if the print-out is going to be in Chinese, Jerry asks that he be given time to find a Chinese.

We must be, summarized Mr. Pope, *builders*—not consultants, not architects or sub-contractors. We must be *professional* and available to properly act and react. Put the team together early on the job . . . don't hire a three-fingered manager and remember *construction* is done on the site.

Following two partisan presentations, CSI members and their guests welcomed Chuck Thomsen, President of Construction Management Associates, and patently a Construction Manager. He brought a voice of "sweet reason" to his fellow travelers. His is the ingratiating manner perhaps born of his Arkansas heritage—he claims he's always afraid somebody is going to tell him to take off his shoes and go home.

He spoke initially of the "calcification of ideas" in the Industry with everybody in boxes . . . "the architect

architecting"; the general "contracting" and the owner "ownering". Every community, he stated, has people capable of doing the CM job. Down in Houston, there's a lawyer who represents the owner and the A/E firm of Smith, Hinchman and Grylls is a classic example of this type of firm who came into the picture early in the game. The future will bring both change and diversity into the construction delivery process so why, he asks, do we argue about who is going to do it. With no dogma, creative people will all contribute to the ultimate goal.

Through the use of slides, Mr. T. outlined his firm's way of doing things . . . "not necessarily right. Last year, we weren't doing some of the things we're doing now—next year, we may do them differently." On intimate terms with his subject, he used not written note one and meticulously described each process . . . it is unfortunate his fine presentation could not have been heard earlier when his auditors would have been more appreciative. Some of his comments . . . with or without the slides . . . are worth repetition.

"Project delivery time must be shortened — take advantage of our mass production know-how—move it inside.

"Management is going to come from whoever can do it—not necessarily any one segment of the industry . . . "You don't have to locate all the door knobs to get started on site preparations . . .

"The emerging format is a team with the A/E—the Owner and the Construction Manager who is anybody who can provide the expertise. Nobody has a corner on C.M. Get together a team who knows what the hell they're doing . . .

"No guaranteed construction cost can ever remove all the risk . . .

"You can't drive a car without looking where you're going . . .

"Value Engineering is the entire team's responsibility not just that of the Construction Manager.

"It's a whole new ball game—construction needs people who can do the job—no initials behind your name will keep you in—or keep you out!

Mr. Thomsen's was a lengthy presentation, perhaps some of the guys in the back of the bus were thinking they could almost build the building in the time he was taking to tell about it—but he was lucid, humorous and kind. He proved this when Moderator Noone remarking upon the lateness

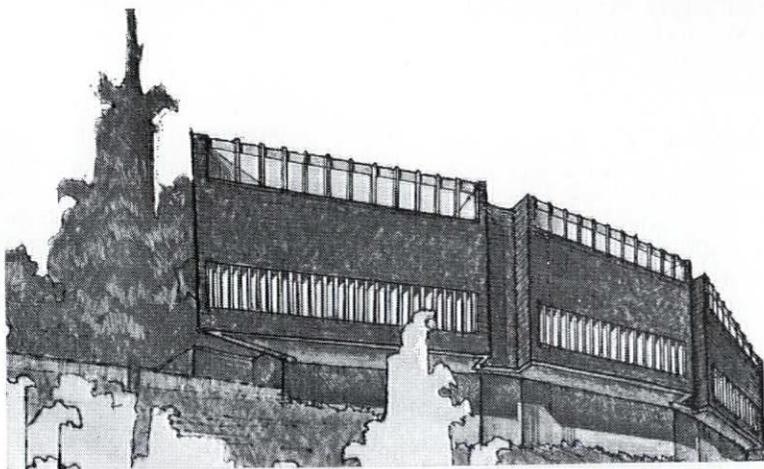
of the hour and the inability of the mind to absorb more than the tail could endure, Chuck generously suggested that they call it a day—skip the questions and adjourn to the bar.

It was a popular move.

Thus endeth another trek to Never-Never Land. Actually, John Welsh wasn't meant to be Captain Hook and certainly we could never cast Jerry

Pope as Tinker Bell, he simply hasn't the shape for it. Our only suggestion is that perhaps it's high time we left Peter and playmates to carry on in that "place where dreams come true" and tackle the task at hand. The Good Lord knows, all of us, by now, know as much about Construction Management as we care to know . . . perhaps even more! It's not really a construction industry *problem*—perhaps it is part of the solution. It may

be a fad like Empress Eugenie hats or gigantic bow ties which will not even be here tomorrow. Or it may be like mini-skirts, a fad (?), which seems to hang around because so many people like the looks of the project. We should reflect that there are other industries waiting in the wings to take over construction if we drop the ball. Remember what old Satchel used to say—"Don't look back, they may be gainin' on you!"



(The first Abbey Environmental Conference was held April 16-17, 1971, and was summarized for us by Robert Wilmsen, FAIA, of our Editorial Advisory Board in the June issue of that year. Although Bob was unable to attend this second meeting, he has arranged for this article by Dennis E. Batke who is a part of the firm of Wilmsen, Endicott, Greene, Bernhard and Associates of Portland and Eugene. The excellence of the presentations at this Conference echoes the environment in which they are held—the Mount Angel Abbey Library designed by distinguished Finnish architect, Alvar Aalto for the Benedictine community. The Program outline may be found on Page 38 of our June issue.)

by Dennis E. Batke
Portland, Oregon

The morning was sunny and bright so the hour drive to Mount Angel for its Second Abbey Environmental Conference was off to a good start. The lobby of Aalto's library at Mount Angel was filled with the bright colors of Mark Adams tapestries. The group moved into the lecture room where Father Abbot Damian Jentges, O.S.B., welcomed us to Mount Angel Abbey and Marjorie Wintermute (conference co-ordinator) introduced the first of the three main speakers. Dr. Rene Dubos eminent microbiologist, experimental pathologist, 1969 Pulitzer Prize winning author and currently professor emeritus at Rockefeller University.

Followed by Father Bonaventure Zerr, O.S.B., Mount Angel Abbey and Sunday morning by Nathaniel Owings F.A.I.A. of Skidmore, Owings, and

Merrill read to us excerpts from *Alice in Wonderland* and told us of other ideas and inspirations.

Each talk was followed by a rotating panel made up of an editor, artist, philosophy professor, chaplain, representative from Oregon Governmental Relations, architects and the speaker himself.

Most of the talks were optimistic of the future. Dubos spoke of how man has really not changed most of his habits and attitudes since very early times. For example: Europe was once covered with trees, but like early pioneers in the United States, man cleared out the "uninhabitable" forest to make open space in which to settle. Many old forests as virgin as they may look today have been replanted. Few places exist which have not un-

der-gone modification by man. Topics like these lead in many directions—defining what a wilderness area is, land stewardship, design responsibilities, and just how powerful is man. Owings summed up man's power this way "we turn out gods by the dozens, but no man has yet made a worm."

Questions on population and ultimate density were asked and answered. About 500, but not more than 1500. Rene Dubos and Nathaniel Owings cited examples of the validity of these numbers from the kibbutz in Israel, the Hopi and other American Indians, African villages, and closer to home, the church congregation.

Along with high density we tend to associate with high crime. Dubos pointed out that Holland and more specifically Amsterdam has an extremely dense population but also a low crime rate.

Dubos, who now resides in New York, feels it is the way large numbers of people are put together and not necessarily the density which causes the crime level.

Breakfast, lunch, and dinner conversations were on the lighter side, but very interesting, as were the Gregorian chants and the visit to the Abbey farms.

THE ARCHITECT AND HIS FUTURE

Northwest Regional Conference, 1973

September is certainly a busy time for members of the American Institute of Architects in Symposia territory. No sooner does the Western Mountain Region conclude their meeting in Estes Park on September 22, than the fellas in the Northwest open their doors for the 22nd Regional scheduled September 23-25 at the Empress Hotel in Victoria, British Columbia. This year's role of "mine host" is being played by architects from the Southwest Washington Chapter fearlessly led by General Chairman, Donald F. Burr, F.A.I.A. of Tacoma. And, yes, you do remember M. Burr! He was Symposia Saluted just last month for those important letters he now wears back of his name!

We can certainly do no better in our initial article on the 1973 Northwest than to reiterate its goals so well expressed by Conference Chairman Burr. He has written:

THE ARCHITECT AND HIS FUTURE

Headquarters, Empress Hotel, Victoria, British Columbia, Canada, will ring a familiar note in the minds of most Northwest Region architects in September of 1973. Abundant fellowship, sightseeing, great food and fun will be prevalent.

This outstanding setting will provide the stage to grapple with perhaps one of our most important concerns, "OUR FUTURE." Today we are facing head-on the roaring currents of change, currents so powerful they overturn our concepts of our practices, shift our values and shrivel our roots. Regional 73 hopes to help each of us come to some terms with the future as architects—to help us cope more effectively with change and deepen our understanding of how to respond to it.

Regional 73 will do its best to "scope" the world of change for architects. The goal of the conference is to provide you with a background that will enable you, at least to some degree, to shape your future rather than let it shape you.

Speakers of the highest quality will provide the base for our discussions. Two outstanding persons tentatively scheduled for presentations are:

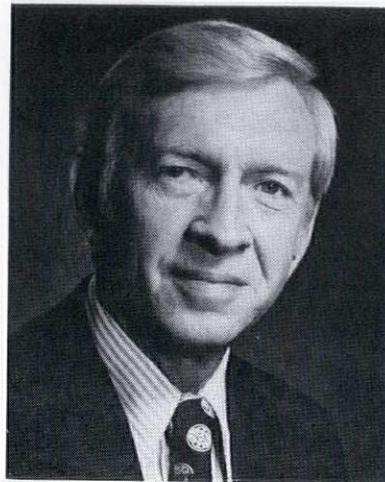
- William W. Caudill, FAIA; author of many books. Most recent is "Architecture by Team."

Professor Ervin Zube, Institute for Man and His Environment, Blaisdell House, University of Massachusetts treating the man-nature dialog.

The conference lasts three days: Sunday, September 23; Monday, September 24, and Tuesday, September 25.

The Southwest Washington architects and their spouses are making all preparations for a great three days while, at the same time, carefully dealing with the seriousness of the program. It is our pleasure to be your hosts in 1973.

Donald F. Burr, F.A.I.A.



Mr. Burr in General Chairman's hat.

We do have a postscript to this message from Northwest Regional Director, Robert Fehlberg, FAIA, of Billings. "Fehl" appends — "In addition to Caudill and Toffler — President of the Institute, Scott Ferebee, FAIA, will also be one of our speakers."

Plans, "Specs" and Working Drawings are pretty well completed for "The Architect and His Future". The programming for the project looks something like this —

Saturday, September 22: "Fearless Leaders" from the Region will check in early for a full day of business.

Sunday, September 23: This is the day for registration and for special trips and excursions. Of course, everybody will be back in time for the Host Chapter Party in the evening.

Monday, September 24: It's bright and early for Breakfast with all the usual welcomes and formalities plus the Keynote Speaker. Sessions will continue throughout the day with the Producers' Council Cocktail Party in the evening. Conferees will have Monday evening on their own to explore the dining and fun available in Victoria, B.C.

Tuesday, September 25: Begins with the F.A.I.A. Breakfast with a speaker with discussions continuing through the morning. The Regional Business meeting is scheduled for the afternoon following the luncheon. As always, it's "best bib and tucker" on the closing evening with a formal banquet.

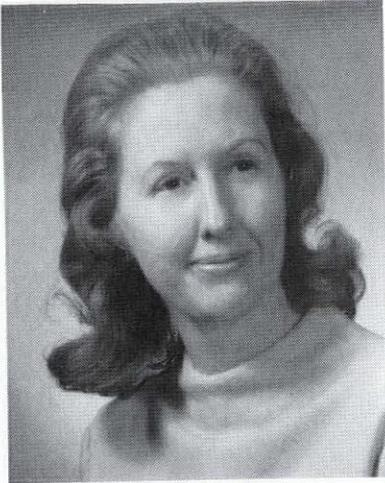
And Wednesday — well that's "sober up and go home" day.

Which pretty well takes care of the structure. The 1973 Northwest Regional, even at this early point in time, looks like an Honor Award Winner. There is no time like the present to discuss — "The Architect and His Future"!

We'll be back come August with a full scale design study on this important project.

a symposia series
Introducing: architecture/engineering/construction leaders

colorado



Atha Lavalett, President
Pikes Peak Chapter
Construction Specifications Institute

We almost hesitate to take pen in hand on this one since Atha's letter containing the "vital statistics" was hedged about with threats (veiled and otherwise) if we included this statement or another remark and—well, after all who wants to incur the wrath of a red-head! She further claims we probably know as "much about me as I do" to which we can only reply—You must be kidding, sweetie".

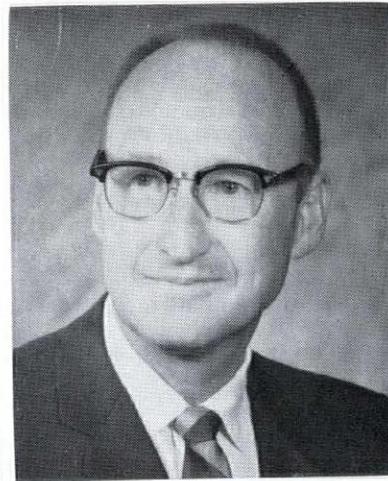
We can, however, safely state that Atha is Administrative Assistant in the office of F. Lamar Kelsey and Associates in Colorado Springs, joined the Pikes Peak Chapter as a Charter Member (1969) and has served as Editor of "Intent", Membership Chairman, Vice President and becomes the second member of the feminine persuasion to assume the gavel . . . Dorothy Albers blazed the trail. Atha has been "among those present" at every CSI National since she joined the group and is always on hand at the Regionals. She did a great job when Pikes Peak hosted Region 10 awhile back, and she was instrumental ("or fall guy—take your pick") in organizing the Architectural Secretaries Association in Colorado. She was ASA president, board member, etc.

A native of the Centennial State, Atha writes "love it and hope to never leave it—except for touring the country and/or the world". She also adds, "I agree with Women's Lib on one thing—Ms. At my tender years, I'd rather not be a Miss—no one in their right mind (hopefully) would think I was an old maid; my children prefer Mrs. for obvious reasons, but CENSORED CENSORED CENSORED—print this last bit and you've had it!"

See what we mean? Promises—Promises—always Promises! However, we've just gotta agree with all those people who call her "The Sweetheart of C.S.I."—she is all that and much, much more! Welcome to the Leaders Club, Atha, you'll do Pikes Peak proud—lots of brains as well as beauty under that titian coiffure.

TAKE ME TO YOUR LEADER

new mexico



Donald D. Paxton, President
Albuquerque Chapter
Construction Specifications Institute

We haven't greeted Don Paxton on Symposia's pages for some little time now. His last appearance in the Leader Department was August of 1969 as President of the Consulting Engineers Council/New Mexico. Don is a principal in the firm of Bridgers and Paxton, a happy association which goes back to the autumn of 1951 when he left the Los Alamos Scientific Laboratory to set up shop with Frank. The firm does extensive consulting work throughout the area.

He is a native Californian and a graduate of the University of California at Los Angeles, but has called Albuquerque "home" since 1949. Don has been active in CSI for lo these many, headed up committees, served as Board Member and Vice President. He has been a member of CEC/New Mexico since 1956, held many state offices and has been on the national Board of Directors. Don has been Chairman of both the State Mechanical Board and the Metropolitan Parks and Recreation Board and is involved in the Albuquerque Kiwanis Club, the YMCA and Goodwill Industries.

The Paxtons are the parents of five (the youngest is now 17), and are proud and understanding grandparents. We underline the understanding since it was the thoughtful Mrs. Paxton who found Indian ankle bells for one of the younger members of our own tribe. They are really delightful people, and we believe Albuquerque and CSI are mighty lucky to have 'em.

oregon



Donald L. Smith, President
Willamette Valley Chapter
Construction Specifications Institute

Much thanks to Paul Edlund for sending along President Smith's picture and a list of his "home team" for the year ahead. Not much in the "life and times" department but we do know he is a principal in the firm of Moreland/Unruh/Smith, Architects and Planners in Eugene, and that he was installed at the Chapter's Annual Meeting held on June 28.

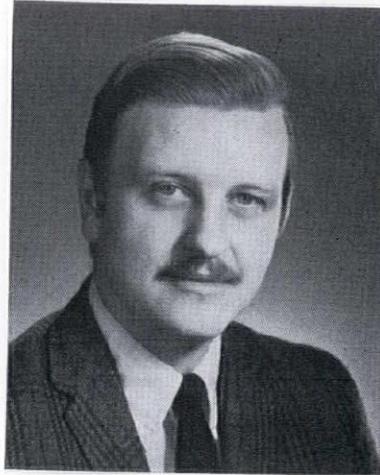
It is interesting to note the wide diversity of the Willamette Valley membership represented on their '73-'74 Executive Board. To wit: First Vice President is Dr. Lawrence (Toby) Perkins, Assistant Superintendent of Schools; Eldon Shields, the Second Vice President, is a General Contractor, and Sandra Broderick, Secretary, is an Architectural Secretary; with Structural Engineer Richard Kelner serving as Treasurer. On the Board we find Richard Imper, Structural Engineer (Term expires '74); Architect George Schultz (Term expires '75); Stanley W. Bryan, Professor of Architecture, is the Junior Director and Past President, and Advisor is John W. Brockett, an architect. This certainly proves what we have believed all along, that all segments of the construction community can work together to make the Industry a better place to be. Our best for a most successful year, fellas!

colorado

Robert W. Johnson, President
Denver Chapter
Construction Specifications Institute

A couple of moons ago, we gave Bob's "life and times" a once-over lightly when he was introduced as one of the principal panelists for the CSI Educational Seminar on Construction Management. (His remarks on that occasion are summarized in this issue) So, just a few highlights this time around.

Robert is a graduate of Washington University, St. Louis and in his neophyte years worked for a G. C., a Package Builder and the firm of Hellmuth, Obata and Kassabaum. He trekked West in 1965 joining the firm of Heinzman and Ingalls, later Heinzman and Associates. He is present-



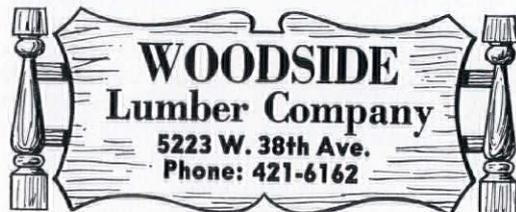
ly the Associate University Architect at Colorado University, and has been involved as a Specifications Consultant in joint venture with the engineering firm of KKBNA to provide a computerized "master spec" for Colorado. Bob spent last year as First V. P. of the Denver Chapter and for two years did yeoman service as Editor of the newsletter "Scope". He was named "Outstanding Professional Member" in 1970-'71, and is a Corporate member of the Colorado Central Chapter/AIA. Bob's "team" for FY '73-'74 includes First Vice President Dick Frank; Second V. P. and Worrier Extraordinaire, Frank Seiler. Roberta Leeper is Secretary, Keith Bell is Treasurer and John Blank and Tom Weber join Tom Blackstone and Jim Mountain on the Board of Directors. Have a great year, gang!



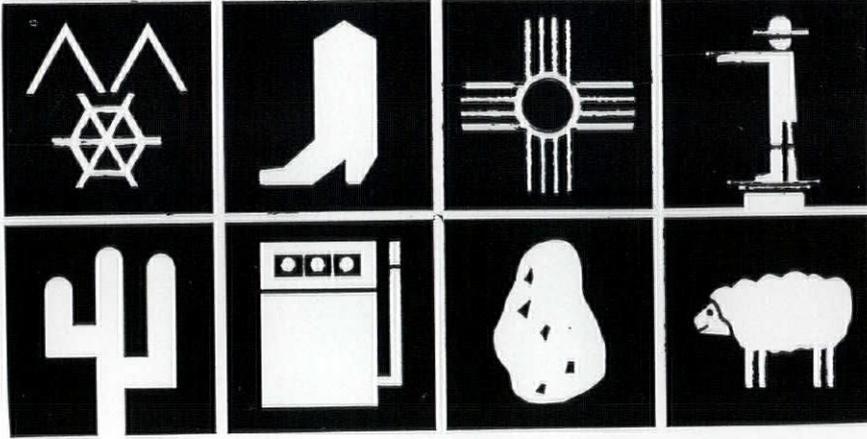
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symposia/around the region



arizona

ASU To Offer New Course

A new option will be initiated in the fall of 1973 — Construction Office Operations which brings to seven the fields of specialization in Arizona State University's Construction degree program.

One of the first to offer a professional degree program in Construction, ASU has made specific and special provisions for training young men and women for careers in construction during the past sixteen years of development.

In addition to the new Office Operations option, other degree courses offered include Heavy Construction; Systems Building; Equipment and Materials Distribution; Mechanical Construction; Electrical Construction and Industrial Construction. This new program should be of particular interest to young women who are playing a much larger role in the organization and administration of the construction industry today.

The construction educational efforts at ASU are directed toward providing the industry with graduates who will immediately fill construction needs in the field and office and who have management potential. Detailed information may be obtained from the Director of the Division of Construction, College of Engineering Sciences, Arizona State University at Tempe — 85281.

CAC June Meeting

Members of the Central Arizona Chapter/AIA were provided a double-barreled program at their meeting at the Saddleback Inn on June 7. There was another Mini-Seminar — this one on "Public Relations and the Practitioner". Initiated at the March Chapter meeting as an aid to the younger

practitioner, these Mini-Seminars are drawing S.R.O. crowds, and they're not all newer members, either! Ralph Jackson, Public Relations consultant for Charles Luckman Associates, Los Angeles, was the speaker and he covered such topics as . . . "The Scope of P. R. in the Architectural Office"; "What Can Be Done by Individuals" and the "Development of Press Releases".

The regular program which followed the dinner featured Cal Straub, FAIA, who made a multi-screen presentation on "Arid Region Architecture". Based on his own travels, it covered city planning, architecture and landscaping in Morocco, Greece and Israel and attempts to relate these solutions to the similar desert environment in Arizona.

colorado

Face-Lifting

Fishkin/Brin, Denver architects and planners, have been selected to give the old Argonaut Hotel and adjacent El Tovar Apartments a new lease on life. It will provide 109 dwelling units for elderly, handicapped and conventional occupancy and is the city's fourth such project under new provisions of FHA 236 financed by HUD.

The Argonaut, constructed in 1920, will be stripped to the basic structure and exterior walls and the interior will be completely rebuilt into 52 studio and 32 one bedroom units with the latest mechanical and electrical equipment. The El Tovar circa 1920 has a pleasant landscaped court which will be preserved, but the interior renovation will include new kitchens, baths and general interior refurbishing. General contractor for the project will be Manzaneros Construction Company of Denver. Remodeled under a separate contract will be Pierre Wolff's "Quorum" restaurant, which

has occupied first floor space since 1960.

Architect Ely Fishkin, in discussing the project, said, "The objective here is to preserve the rich exteriors of two of Denver's more interesting older buildings while offering much-needed housing at a close-in location." Completion is scheduled for the late fall of this year.

Elmore At Programming Conference

One of the key speakers at the Continuing Education Conference on Architectural Programming and Building Designs, sponsored by the Department of Engineering, University of Wisconsin, at Madison, Wisconsin, was Mr. John Elmore, AIA, Denver, Colorado. John is Vice President of Programming, Interplan, Inc. and architect with Rogers/Nagel/Langhart, Architects, Engineers and Planners in Denver, Colorado. He spoke to an audience of architects and planners presenting case studies of successful programming endeavors which have been carried out and directed by him for educational facilities, commercial buildings, laboratories and offices.

The word "program" used in the planning field denotes a systematic approach to developing problems to be solved and creating a guide to measure the effectiveness of planning solutions.

Mr. Elmore has been associated with RNL, Inc. in Denver since 1965 and has been an officer of Interplan, Inc. since its founding in 1969. He was responsible for the development of the comprehensive program upon which the recently completed Johns-Manville national architectural competition was based. John Elmore received his architectural education at the University of California at Berkeley, and graduated as Bachelor of Architecture in 1961. He has practiced in Denver, developing special expertise in building programming since 1961.

Architects Selected

On June 7, Denver Mayor W. H. McNichols, Jr. announced the design team selected for the new Denver Performing Arts Complex. Hardy, Holzman and Pfeiffer of New York City, who will be associated with William Muchow Associates of Denver, for the design of the \$11 million concert hall. Selection was made by representatives of the Denver Symphony Association and the City and County. Development of the design program is expected to be completed

this summer, and the ultimate goal is completion by Colorado's centennial year, 1976.

The Denver Center for the Performing Arts, through its chairman of the Board, Donald Seawell, named the Hamden, Connecticut firm of Roche-Dinkeloo to design the three theaters contemplated in the first phase of the project.

Muchow and Associates who conducted the early feasibility studies on the complex, will be retained to design the parking facility which will serve the total cultural-convention complex. All three of the participating firms will form a committee to design the master plan.

The Denver Department of Public Works is now negotiating with Skyline Urban Renewal for acquisition of the site between 14th and Speer immediately west of the Auditorium and Arena. With the completion of a new Police Administration Building, that site will form the second land increment and the complex will, upon completion, wrap around two sides of the current convention complex.

Safety Meetings Scheduled

The Industry Advancement Program, administered by the Colorado Contractors Association, Inc. — the state's Heavy-Highway-Utility Chapter of the Associated General Contractors, will hold a series of five meetings on Safety during the summer months throughout the state. The first of these informative gatherings was held on June 14 at the Denver Holiday Inn, South at 7:00 p.m.

Subjects to be considered during the sessions include a film depicting an Occupational Safety and Health Compliance Inspection of a construction project, a film on trench cave-ins and methods of protecting excavations and Harold Fast (Fast Construction) will discuss preventative maintenance as it relates to job site safety and production.

Construction personnel interested in these Area meetings can get further information and make reservations through IAP at 1451 South Ash in Denver or by calling 756-0391. There is no charge.

montana

New Editor for JPB

Marty Crennen, who has been handling the blue pencil for the sprightly



Shown above: Victor Y. Coulter (left) Vice President of AGC/C and Vice President of Gerald H. Phipps, Inc., presents a certificate to Kenny Garry and Mike Varone, students completing "The World of Construction" course at Denver's Skinner Junior High School. Course Instructor, Jerry Kowal, looks on. Student projects are on display in the foreground. Similar ceremonies were held throughout the state for a total of 1,800 young people for their participation in the year long course. AGC/C actively supports this nationwide effort—the Industrial Arts Curriculum Project—and finances training of instructors from Colorado schools who participate.

literary arm of the Montana Chapter/AIA ie: JPB writes that he has passed the torch to Jim Gough, Professor at Montana State University, and long active in Chapter affairs. Marty has been recently appointed to the Montana Board of Architects and he is already planning for the Northwest Regional AIA Conference (1975), so was beginning to feel the pinch of time.

We are happy to report, however, that Marty is not giving up his literary work completely. You will find his name on the masthead page of Symposia as our new "man in Montana", and we are, to put it succinctly, delighted! We look forward to sharing his jocund prose with our readers.

nevada

WICS Sponsor Luau Dinner Dance

The Las Vegas Chapter of the National Association of Women in Construction pulled out all the stops on June 16 when they sponsored a Luau Dinner Dance at the fabulous Flamingo Nevada Ball Room. There was a marvelous Oriental buffet, dancing to the "Moonlighters" and door prizes. And all in the best of causes, the Scholarship Fund for the University of Nevada at Las Vegas. The big plus was the drawing for the lucky winner in the Trip to Hawaii raffle. This

included air transportation for two from Las Vegas and one week (for two) at Del Webb's beautiful new Hotel Kulima on Oahu. Proceeds from the raffle will be used to send Las Vegas delegates to the National NAWIC Convention in St. Louis.

Kathy Guinn was this year's Chairman for the Luau and the Las Vegas WIC's "fearless leader" is Jewel Switzer.

new mexico

Kidder Fund Buys Masterspec

The Scholarship Fund at the University of New Mexico honoring the late Bradley P. Kiddler, FAIA, of Santa Fe, is at work in the Department of Architecture providing some "extras" for the students. The AIA Masterspec Specification System has been purchased, a real help to students and also available for inspection by practitioners. Writes Joe Boehning in "N.M.S.A. NEWS" — "If you are interested in Masterspec and want to know more about it, contact Bob Kohlmeyer at the UNM Department of Architecture. He'll be glad to let you look at their set and answer any questions you may have. I (that's Joe) have also purchased a Masterspec System and think it is by far the best set of specifications I've ever

seen. I'm using it exclusively, although I do not use their reproduction system. If you cannot get Bob Kohlmeier, I would be glad to let you see my set and answer any questions you have."

Joe's enthusiasm for Masterspec seems to echo that of his colleagues who are using it. If you order through your local AIA office, incidentally, your Chapter gets a \$50 bonus and after owning Masterspec for a year, Continental Casualty Company gives you a discount on the liability insurance premium. A good deal, all around.

CSI Honors Members

It's that Happy Time when CSI Chapters honor their colleagues for the "good job well done". In Albuquerque, the 1973 Awards were passed out at the Annual Banquet and were presented to George Chant, Outstanding Industry Member, for his great job as the 1973 Region 10 Conference Chairman; to Outstanding Professional Member Joe Long for his work on "Bid Procedures" and all the CSI Offices he has held, and Jack Pope was named the Outstanding Board Member, a citation for five years as Chapter Treasurer, and his books still balance!

Albuquerque On The Tour!

Maybe you thought the big June event on the Golf Tour was the U.S. Open — no way! there were two big ones in the City of the Dons which made the contest at Oakmont, Pa. pale by contrast. For instance there was the ASHRAE-CSI-AIA Open on June 8 at the Paradise Hills Country Club. Tee off time was noon — there was a no-hosted Attitude Adjustment period at 6:00 (particularly designed for those who missed three foot putts), there was a Pat's Steak Fry and tripping the light fantastic to a Great Dance Band. Ten trophies were awarded, the ladies added to the scenery and it couldn't have been anything but a smashing success. We'll hope to have some winner's names for you next time around.

The second of the "really big" tournaments was the Fourth Annual Open Golf Tournament under the aegis of the New Mexico Building Branch/AGC. This competition on June 15 included general contractors, specialty contractors, suppliers, friends and ladies! The golfers teed off at 9:00 a.m. and refreshments, both liquid and solid, were available on the course. The Cocktail party at Paradise Hills began at 6:30 — followed

by a Shrimp Peel, free after-dinner Bingo, and of course, the Awards were presented to those who had "burned up the course" during the preceding hours. Dennis Roberts will give us the good word on this one next month.

M.C.A. Annual

The Mechanical Contractors Association of New Mexico held a most successful convention in Juarez, Mexico on May 11-12 with over 100 Mechanical Contractors, Subcontractors, Suppliers and Union Representatives in attendance. Principal speakers included Dr. Lawrence Steinmetz, Professor in the Graduate School of Business at Colorado University; National Association of Plumbing, Heating and Cooling Contractors Second Vice President, Merlin Geddes and District Director George Neiderhauser. The membership re-elected H. G. McCleskey of Grants, New Mexico to a second term as President of the New Mexico MCA.

Bill Ross, MCA Executive Director, summarized the meeting with the statement — "The accomplishments in the business sessions were many, and for the first time in two years the Plumbers beat the Peddlers in the golf tournament." We must agree, Mr. Ross, a most successful convention!

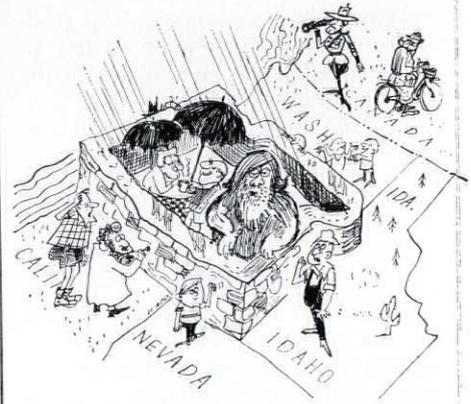
oregon

Two Sides of the Coin

From the contents of our smiling Symposia mailbox . . . a couple of varied views on "to grow or not to grow" up Oregon way. Included in the June issue of "the predictor", the Portland Chapter CSI Newsletter is an alluring "Welcome to Portland" designed to boost interest in the 1974 "Grand National" to be held in that friendly city. This same Portland Chapter will also play the role of "mine host" to the Region 12 Conference just across the river in Vancouver. In the June issue of "Architects and Architecture" speaking for the Portland Chapter AIA, we note the committee is already appointed for the 1974 Northwest Regional AIA Conference . . . slated for October.

All this forecasts a busy year ahead for members of the construction community in the "Rose City". On the other hand, there's Governor Tom McCall speaking in Denver at the closing banquet session of the National Audubon Society convention. . . . "Oregon was visited by 10.5 million tourists last year — 22 million feet pattering through the flora and fauna. Where's the limit? 22 billion?"

Reinforcing Governor Tom is a pertinent editorial by Helene Melyan, special writer for The Oregonian. It appeared in the May 20 issue of this excellent newspaper and forwarded to us by Editorial Board Member Bob Wilmsen. In a very real sense it expresses what a lot of folks feel when the tourist tide rolls in each summer. . . .



"The night the Wall went up"

"THE WALL was built quietly one night, and the next morning people in California, Washington, Nevada, and Idaho discovered they could no longer see Oregon. Some of the braver ones walked up to the Wall and tapped on it, but received in answer only the imagined beat of gentle rain.

"Telephone inquiries were useless, as all outside lines had been severed during the night. A Californian's attempt to scale the Wall brought an instant reply in buckshot; no radio and TV signals emanating from Oregon were being received beyond the Wall; and a messenger pigeon from San Diego flew home with "Return to Sender" stamped on his forehead.

"After a few days, people who had relatives living in Oregon became alarmed and notified the FBI. But although the National Guard and the Army Corps of Engineers were also summoned nothing worked. There seemed to be no way to blast through the Wall without danger to those behind it; seawalls denied access by water, and airplanes couldn't land because recycleable glass had been crushed and spread on all runways.

"Within a month, turning down suggestions that he request the personal intervention of Ralph Nader, the President declared he had officially accepted Oregon's resignation and proclaimed a national day of deepest personal regret, during which there were numerous TV specials on Lewis

and Clark, Crater Lake, and the life cycle of the salmon.

"People still wonder. Sometimes a child goes up to the Wall and knocks timidly, in awe of the legends already grown — such as the rumor that the Bigfeet, finally found and tamed, stand guard at the southern border. But in answer come only the imagined beat of gentle rain, the remembered gush of clean, swift rivers, and the echo of the wind whistling endlessly through junipers on the eastern plain."

Or as one native of Santa Fe once remarked. . . . "We look forward to Fiesta — after that they go home and the town belongs to us again."

Moot question — to be or not to be!

Utah

Region 8 Director



LaRue Tufts, Salt Lake City

The charming lady shown above was elected by Region 8/National Association of Women in Construction to "fearless lead" the group in 1973-74. All this took place at the Annual Forum held May 5 at Mountain Shadows in Phoenix, Arizona. LaRue is no stranger to the "leading" business since she has served as President of the Salt Lake Chapter/WIC, and of the Pocatello Chapter of Toastmistress International. Among her many accomplishments is her highly prized private pilot's license which she has held and enjoyed for ten years. Region 8 can look forward to some "high flying" with LaRue in the pilot's seat.

Other business at the Forum included election of Ginny Fletcher of Phoenix to the National Nominating Committee and the selection of Salt Lake City as the site for the 1974 Region 8 Forum. In Committee Competitions, Phoenix took top honors for their

Scrapbook and for Construction Projects. Fort Collins was first in Increase of Membership and Tucson was selected as the winner for their Chapter Bulletin.

Engineers "Tell It Like It Is".

We have mentioned the "public relations" meeting held in April by the Consulting Engineers Council/Utah — but now we have a report of this unusual get-together from the Symposia "Man On The Spot", Boyd Blackner.

The luncheon meeting was designed to dispel criticism leveled at the engineer for his alleged "omissions and commissions" in re: pollution and environment. Members of many other groups including government and the press heard from a number of prominent Utah consultants delineating the projects in which their firms had made positive contributions to "the better life". Consultant Clark Peterson, for instance, told of the process developed to eliminate offensive odors from vapors given off by a rendering plant. Bob Gunnell talked about the deer crossings designed by his firm over sections of the interstate highway in Beaver County and Consultant Lou Wilson described the sophisticated air-conditioning system of the monumental administration building of the

Church of Jesus Christ of Latter-Day Saints.

All in all, a strong case was presented for the engineering profession and their very real concern for the environment.

Washington

New Associate

Bruce Morse has been named an Associate in the architectural firm of Brooks • Hensley • Creager Architects of Spokane. Mr. Morse, a Spokane native, is a graduate of Washington State University, an associate member of the Spokane Chapter/AIA and has been with the firm for five years.

Bruce's most important outside activity is centered on his beautifully restored 1930 Deluxe Model A Coupe . . . he is even the current president of the Inland Empire Chapter of the Model A Ford Club of America.

The Brooks • Hensley • Creager firm is now completing a \$4 million Acute Care Center for the Deaconess Hospital and their recent work includes a \$5 million secondary school development program in Ketchikan, Alaska.

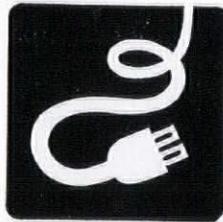
Puget Sound Installs "Leader"

On June 19, the Puget Sound Chapter/CSI not only installed the new officers for FY 1973-74, but took the occasion to honor all their Past Presidents, and present their Chapter Awards.

Those newly elected officers are President, Ross W. Copeland. Mr. Copeland is a principle in the Architectural firm of Grant, Copeland and Chervenak. First Vice-President, James E. Adkins. Jim heads the Specification department for the Architectural firm of Bindon and Wright. Second Vice-President, Robert H. Ross. Bob heads the Specification department for the Architectural firm of Fred Bassetti and Company. Secretary, Shirley S. Henry. Shirley is a principal of the firm Builders Hardware and Supply Company. Treasurer, James A. Walsh. Jim is a partner of Finishing Systems Inc. Director, David E. Thomas. Dave is a partner in the firm of Zesbaugh-Thomas Inc.

Robert Laney installed the officers as well as acting as the master of ceremonies. Larry Bois, Award Chairman, presented the several well deserved awards, and Fred Yeo, Historian, retraced the History of the Puget Sound Chapter. And a big THANK YOU to Duane Hall for the "Vital Statistics".

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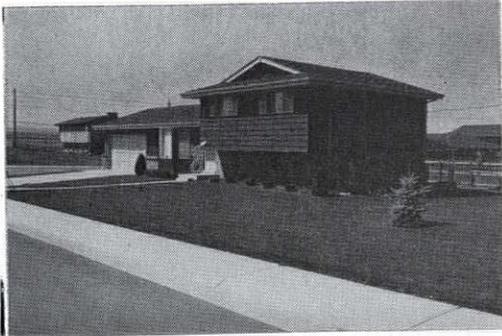


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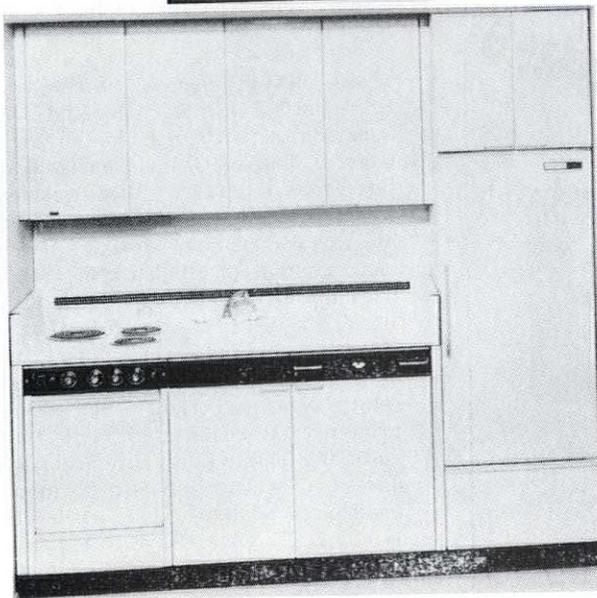


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CEC/Colorado, after five years in beautiful downtown Glendale where hardly any members could find the office, moves July 1 to new offices on the fifth floor of the World Savings Building at 1111 South Colorado Boulevard (at Mississippi) in Denver. The advantages include better parking and conference room facilities.

The Arizona Council of the Professions sponsored a dinner meeting on June 4. Principal speaker was Boyd Gibbons, III, secretary to the Chairman of the National Council on Environmental Quality. He urged the adoption of a national Land Use policy.

Pacific Northwest Bell's V.P. and Corporation Counsel, John Rupp, was the principal speaker at the May 15 meeting of the Puget Sound CSI Chapter. A member of the American Arbitration Association, he explained "There's a Better Way than Going to Court."

Interplan, Inc. (sibling organization to Rogers/Nagel/Langhart Architects, Denver) has announced that C. W. Breitenstein has been named treasurer and business manager; Terry Dragoo is now Assistant V.P./land planning and urban design and David Bartlett has been named Assistant V.P. for space planning and interior design.

Cecil E. Holland of Holland, McGill and Pasker, Architects/Engineers of Salt Lake City is the new National Chairman of the Education Committee of the Construction Specifications Institute. Congratulations, Cec!

Roger Tinney takes over as VP and architectural head of the Denver office for CNC-NHPQ, Inc., the A/E firm headquartered in Greeley. He was formerly with Muchow Associates.

The Consulting Engineers Council and the American Institute of Consulting Engineers voted overwhelmingly on May 22 to merge as of July 1 into a single new organization . . . the American Consulting Engineers Council. Bill Holway of Oklahoma, newly installed CEC President, will continue in that capacity during ACEC's first year.

As of May 27, the Arizona Society and the Central Arizona Chapter of A.I.A. are headquartered in the Orcott Professional Building, 1109 North 2nd Street in Phoenix - 85004.

Big Job! Dick Ehmann and Russ Graham are the co-chairmen for the 1974 CSI "Grand National". That's the "Event of the Year" in Portland!

The Summer Board Meeting of the American Institute of Landscape Architects will be held July 6-7 - in Biloxi, Mississippi.

The Red Cedar Shingle and Handsplit Shake Bureau is accepting entries in their design excellence program for significant functional and/or aesthetic uses of cedar shingles or shakes. Entries are due July 16. Further info and entry forms are available at the Bureau, 1143 Washington Building, Seattle 98101.

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We're pleased to hear that Lee Kilbourn has had his arm twisted and will remain as Editor for the Portland CSI Predicator for another successful season. He puts out a dandy!

The Bureau of National Affairs has a new publication available . . . "Labor Arbitration at the Quarter Century Mark". Cost \$12.00. The BNA Address is 1231 25th Street N.W., Washington, D. C. 20037

The Annual "Out of Town" Steak Fry for members of the Consulting Engineers Council/Utah will be held July 11 in the Ogden-Brigham City area. This is always a great party!

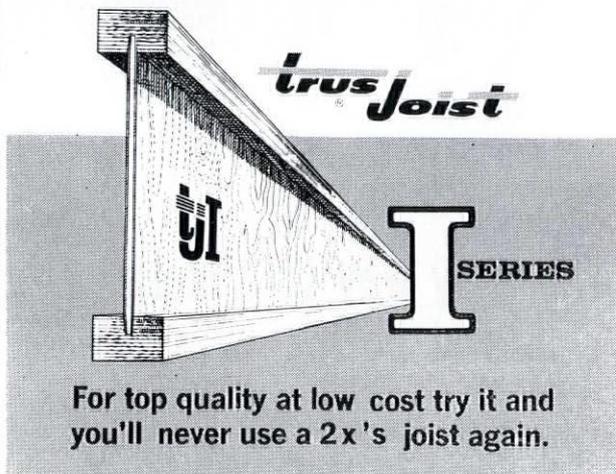
The Colorado School of Mines has received a plus \$10 thousand grant from the National Science Foundation to study the impact of the Argo Tunnel and Mill draining on the water quality of Clear Creek.

Twenty-six graduating apprentices were honored by the New Mexico Carpenters' Joint Training Program on May 25 in Albuquerque. Winner of this year's Apprenticeship contest, John Cillessen, received a \$100 savings bond, a trophy and an expense paid trip to the International Contest in Omaha in August. Not bad!

Robert M. Lindvall (AEG) has been elected president of the Colorado Engineering Council. Vice President is Louie J. Schmitt (IEEE), Secretary is David A. Day (PEC/ASCE) and the treasurer is Frederick W. Eastom.

A.I.A. scheduled two BIG ONES . . . a Conference on "The Architect and Ecology" June 7-8 at the Mayflower Hotel/Washington, D.C. (cancelled) and "The Architect - the Engineer and OSHA" on 25-26 June at the Statler Hilton also in Washington. Both conferences were of significance to design professionals throughout the U.S. of A.

The new Executive Director of CEC/Arizona, Bill Sawyer, was in Denver in early June to give the Colorado Council the "once over lightly". He conferred with Hak/CEC Colorado exec and others.

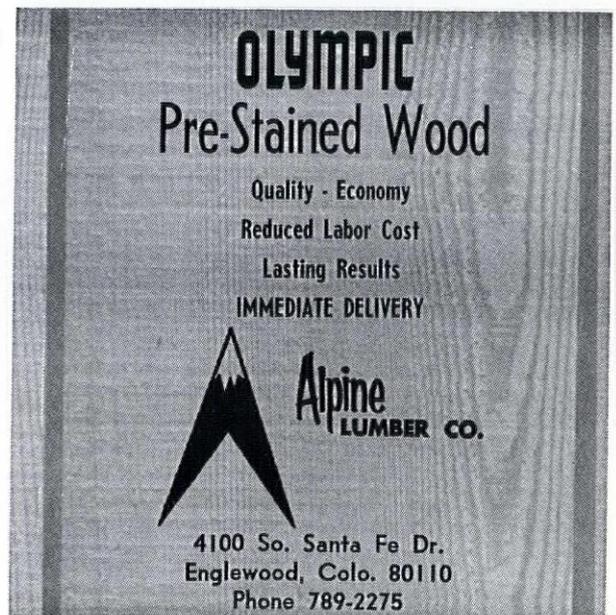


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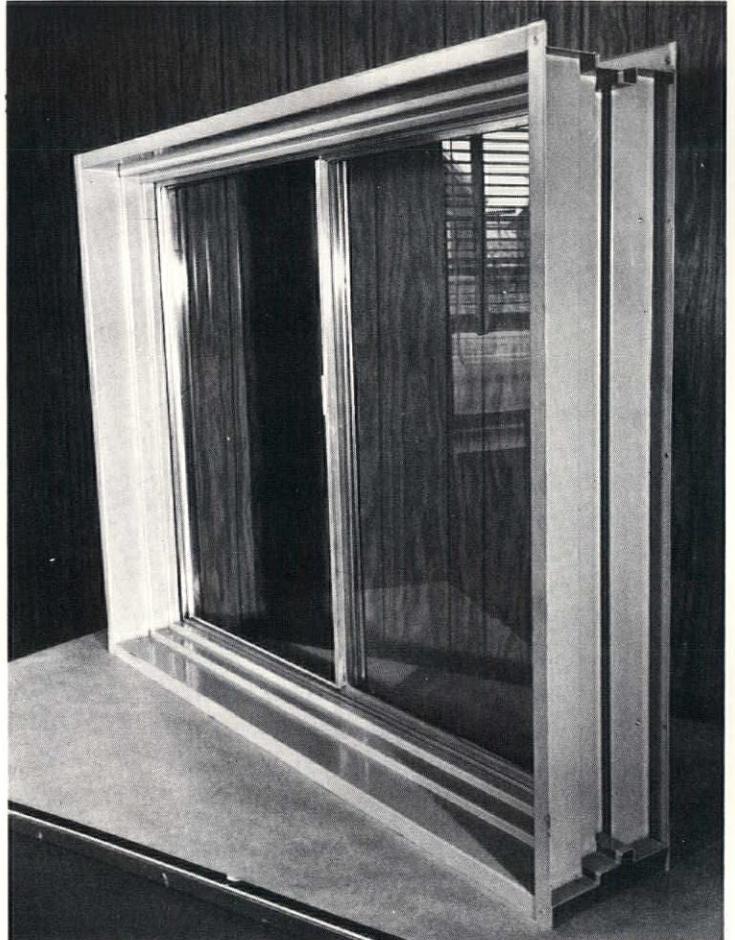
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