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During Thanksgiving weekend, the Associated Student Chapters/American Institute of Architects held their annual "FORUM" at the Hotel Clairmont in Berkeley, California. The ASC has been struggling for several years to establish a direction—not as a "junior AIA" concerned with the same professional problems as the senior organization, but dealing with the needs and priorities of today's architectural student. This year, the ASC furthered the process, committing itself for a renewed effort.

The usual number of people came solely for the socializing or as an excuse to visit the Bay area. However, a significant group came to participate fully in the Convention and to help establish a future direction for the organization.

The program for the FORUM came into being last summer when four architectural students went to the Octagon, AIA headquarters in Washington, D.C., to participate in the Institute's Scholars' Program. Under this program, four students were selected to go to Washington, D.C., for the summer and work on research topics related to architecture of their own choosing. Last summer (1970) the four elected to develop a program for the FORUM. (Incidentally, two of these Octagon Scholars were from Symposia's region . . . Susan Carol Jones, a fifth year student at the University of Arizona in Seattle, and Bruce C. Webb of Baden, Pennsylvania, fifth year student at Montana State University, Bozeman.) Four broad subject areas having to do with architecture were decided upon . . .

1) Curriculum in Social Architecture; 2) Community Development Centers; 3) Environmental Education and 4) How to Get Things Done in The System. With lists of resource people and proposals in hand, the four applied for and received a $16,000 grant from HUD to finance traveling expenses for speakers and conference costs.

It would be pointless for me to outline the happenings in each of the Workshops dealing with the subject areas. Summaries will have been mailed to the participants and Schools of Architecture by January 1. The proceedings were of great interest to student and professional alike, and undoubtedly reprints will be available from AIA headquarters in Washington, D.C.

The following business sessions were well—business sessions, but with more than the usual amount of hassling. To be sure, it was maddening but at least it showed that people cared enough to get worked up. After all, "no care, no hassle!" After two particularly intense questioning sessions, a president and four vice-presidents were finally chosen. This year, in contrast to years past, not only the vice-president in charge of finance, but all vp's were charged with specific duties.

Joe Siff (Rice) was elected president and announced that since he was participating in a Work-Study program, he would move to Washington to assume the duties of what has developed into virtually a full-time job. Jeff Miller (UC, Berkeley) and Bob Graham (Howard) after an unsuccessful bid as a black president and vice-president slate were elected vice-presidents in charge of Social Curriculum and Community Development Centers, respectively. Both will work to develop student programs in those areas.

Bruce Webb (Montana State) outgoing Northwest Regional Director, and former Institute Scholar, was chosen vice-president in charge of Environmental Education. Bruce brings with him the expertise of running a strong and successful regional program.

Mark Maves (UC, Berkeley) was elected vice-president in charge of finance. Mark was directed by resolution, in addition to keeping the books, to seek additional funding sources, like the HUD grant, to lessen our financial dependence on the AIA.

E lecting officers turned out to be easy compared to dealing with resolutions. The proceedings rivaled even the pyrotechnics at this year's AIA convention in Boston.

The most controversial proposal had to have been one presented by a Black Student Caucus meeting simultaneously with FORUM. The proposal called for a separate black and minority conference before the next FORUM to synthesize environmental problems of minority groups. Further, the proposal called for the establishment of a black and minority caucuses within the ASC to effectively deal with these problems and educate the white populace about them. After considerable discussion, the resolution passed.

Several other resolutions passed concerned mainly with making ASC's operations more efficient and systematic. Another controversial topic, however, was dealt with in a resolution to reject the proposed National Student Architectural Competition to redesign the Capitol Mall. The prevailing attitude toward President Nixon's project was that such a competition was way out of line with national priorities when so much work needs to be done in areas such as low-cost housing.

After the smoke had cleared, those of us who had stayed until the last gasp, left totally exhausted, hopeful that we had helped to provide a viable direction for the ASC to pursue.

As a final note, let me introduce to you the new Western Mountain Regional Director, Rick Emmons, who received his baptism under fire at the convention. Rick, a fourth year student at the University of Arizona, was elected at the regional conference held concurrent with the AIA in Tucson this past October. If there are any questions, comments, gripes or even offers of help, don't hesitate to contact Rick at the College of Architecture, University of Arizona. (Collect calls not accepted.)
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THIS MONTH

Student Affairs
Ken Ethridge, University of Arizona, "Reporting Forum"

Building Blocks

Critique

A Trip to Blue Sky Country
by H. Robert Wilmsen, FAIA

Come One! Come All!

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78th Annual Convention

Area Contractors Meet—a report

Boxes and Things

 Lotsa Laurels Department
Awards — Awards — Awards

Idaho Engineers Meet
A report from John L. Hoffmann, CE/I

Annual Convention . . . American Concrete Institute

1971 Exhibition of School Architecture
Portfolio II

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Take Me To Your Leader

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publisher: Fletcher B. Trunk
editor: Elizabeth W. Trunk
art direction: Bob Hesdorfer
photography: Rush McCoy
circulation: Florence Morrison

A publication of Boyce Publication, Inc. Issued monthly.
Business offices 4070 Estes St., Wheat Ridge, Colorado 80033
Telephone Area 303—422-4153
Controlled circulation postage paid at Denver, Colorado
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A new type of space frame constructed of wood and steel has been designed by the Denver engineering firm of Ketchum, Konkel, Barrett, Nickel, Austin and by Trus Joist Corporation engineers of Boise, Idaho. Using the long span "II" series Trus Joist as its major component, the system was used in the construction of two large elementary schools designed by William Heinzman Associates, a Boulder architectural firm.

To accomplish the space frame the trusses were first laid across the span in a folded plate system inclined 29 degrees from the vertical with connections at each top and bottom chord panel point. Double 2x6 cross members above and below the trusses were then connected at each panel point. All shear forces are carried by the steel web members.

More than 10,000 special space frame connectors designed by the engineers were used in the construction of the two schools which were built simultaneously.

The entire roof structure of both schools including the space frame, laminated beams for carrying members and plywood roof deck went in place for under $3.00 per square foot—a saving on the two buildings of better than $200,000 over the architect's estimated cost for a steel space frame.

Many other advantages accrued from the new system including an open space of 336x102 feet free of interior bearing walls and containing a minimum of steel columns. Another unique feature is an 18 foot overhang around most of each building providing covered space for outdoor classrooms and exterior corridor.

The space frame provided by a 6 foot by 6 foot structural grid in the ceiling of the open space was used for the support of the acoustical ceiling and could be used for the hanging of instructional displays or for the future attachment of partitions or folding partitions. Some acoustical advantages were gained by "sound trap troffers" penetrating up into the space frame provided periodically and the double 2x6 cross members projecting below the ceiling break up the plane of the large ceiling area.

We must certainly tip our hats to KKRNA and Trus Joist for coming up with a new way to save school construction dollars... as "Lonesome George" says—"we need them!!"
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Symposia/March, 1971
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Since Symposia means an exchange of ideas—we provide this column for the bouquets and bulldozers—a chance to talk it over with your colleagues in the architecture/engineering/ construction community. The welcome mat is out—address Symposia at 4070 Estes Street, Wheat Ridge, Colorado 80033.

Editor:
The December issue of Symposia carried an article titled "The Natives Are Restless" which quoted the Phoenix Chapter of CSI newsletter and some expressed opposition to (1) regional realignment and (2) a name change for CSI.

More important to me than the cited issues is the censorship that prevails in CSI at the national level. It is a breath of fresh air, and you know how hard that is to come by these days, to find a publication such as Symposia that will give space to controversial viewpoints. The primary reason that Phoenix is active, vociferous, and generally regarded as a group of rabble rouseis is that we know and care what is being done to us. Few chapters in CSI know any more than what they read in the Construction Specifier. The Specifier publishes only what we are allowed to know, not what we want to know. The Specifier has never and likely will never publish anything as controversial as "The Natives Are Restless." How do I know? I know very well; I have tried.

The three issues mentioned here—(1) regional realignment (2) Institute name change and (3) censorship are facets of the larger issue of CSI not being responsive to the membership. The free exchange of ideas that CSI advertises doesn't really exist.

The exposure your magazine has provided for all CSI chapters in the west is outstanding and appreciated. I wouldn't expect for a minute that Symposia would agree with my opinions, but I do hope it will continue to be a forum for the exchange of ideas.

Yours truly,
Craig Walling, AIA

Thank you, Mr. Walling, for your very kind words. It is our sincere desire to provide the forum the Industry needs, and to "Call 'Em As We See 'Em."

A Trip to Blue Sky Country

The first of the year we spent a couple of very pleasant days in Denver, Boulder and Colorado Springs enjoying sunshine and clear blue sky. Having been on the design award jury for the 1969 Mountain States AIA Conference it was possible to double check the projects we gave awards to see if they were really as good as they looked in the photos. Surprisingly enough they were, and I'm especially glad that Worley Wong and myself went along with Bob Alexander in his insistence of giving the Curri-gan Convention Center one of the two honor awards.

We spent most of our time in Boulder visiting Colorado U's Engineering School and I. M. Pei's Pink Palace up on the hill. The latter project is pure sculpture, and certainly is more pertinent to its pine clad mountain site.
than the Air Force Academy near Colorado Springs. As we stood in front of the Academy's Chapel and viewed the campus in a strong and chilling wind, my partner commented that this was one of the least likeliest places in the world to use a window wall system. The only photo taken was one a good distance away which showed the white boxes with their shiny aluminum intimidated by the background of non-man made mountains. The T-square and triangle grid of the buildings and their window wall related only to the "right turn march" turns of the Air Force Cadets walking across the Academy's commons.

One project on Denver's Civic Center fascinated us very much, and someday we plan to come back to see it is really turns out to be an art museum. Like in all American cities today, the tallest and most imposing building in Denver under construction is a high-rise bank, and it substantiates the belief of our young ones that the monuments of the seventies mirror the establishment's worship of the All Mighty Dollar.

Along with all the new in blue sky country is Larimer Square and Central City, which reminded us that Denver is no longer a young and unmarred lady.

We had come a long way to Denver with our client to accept a design citation from a leading national architectural magazine, only to discover that the ceremony for the presentation of these national awards was a comedy of errors and omissions. As architects, we were ashamed of our profession, and our client was not only indignant, he was plain mad. If the architectural profession intends to raise the level of design with award programs, it should treat the matter with considerably more dignity and seriousness. The Denver affair reminded me of a children's birthday party with blindfolded kids pinning the tail on the donkey — and I needn't tell you who was the tail pinner and who was the rear end of a jackass.

H. Robert Wilson, FAIA
28 January, 1971

One of our favorite "old fellahs," Bob is practically the Vice President in charge of the "Call 'Em As We See 'Em" Department. For readers who have not seen the Air Force Academy, we might append the info that the "window wall" has not been all that successful in a structural sense what with Colorado's gale-force winds, A. F. sonic booms and such like. It has, however, proved quite popular with glass suppliers in the area. We can only regret that Wilmsen and Company did not have the opportunity to see the Academy Chapel at night... it is certainly one of the world's most enchanting "night buildings" when the spires look like draperies of grey chiffon. Maybe next time around, we will be able to show him the Red Rocks Theater where according to Symposia's very own critic, J. Quincy Bellerjang, God and architect Burnham Hoyt were both right — and, of course, a host of new structures now a-building.

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Symposia/about the cover

Since October and the Western Mountain Regional Conference in Tucson, Architect Boyd Blackner, Salt Lake City, has been "thinking snow." And so have we at Symposia HQ! The object, of course, has been the picture on this month's cover. It is Boyd's beautiful award-winning water fall and fountain at the University of Utah captured, at long last, in a "winter mood." Snow and accompanying icy temperatures have been mighty scarce on both sides of the Rockies this year — but in early January, it finally arrived sending Architect Blackner forth with trusty camera. With his pictures came the "discouraging" word that some clown dumped a dozen boxes of detergent into the fountain and shorted the pump, putting it out of commission for a time while the armatures are re-wound. We could suggest some interesting punishments to fit that particular crime — the old-fashioned ducking stool with the temperature at about 34° might be apropos.
Mountain States Lumber Dealers Association

78th Annual Convention — March 17-21

Headquartered at the Denver Hilton with a host of exhibits at the Currigan Convention Center, Lumber Dealers from throughout the Mountain States will meet for four action-packed days beginning on Wednesday, March 17th. It was just last year that a new facet was added to this already most successful format. The Housing and Building Show was opened for the first time to the public—and the public responded enthusiastically. Needless to say, the Lumber Dealers will do it again in 1971. However...to be more specific, here is the Convention Program:

Wednesday, March 17
7:00-10:00 p.m.
SNEAK PREVIEW OF EXHIBITS — Special invitations have been mailed to Contractors, Builders and Architects to view all the new materials and ideas on display at the Currigan Exhibition Hall. Light refreshments will be served.

Friday, March 19
The Registration Booth will be open from 8:00 a.m.
9:30-11:00 a.m.
BUSINESS SESSION: “Find Your Hat and Wear It”... the principal speaker will be Everett B. Yost of Paul Ely and Associates, Consultants from Omaha, Nebraska.

At 12:15 p.m.—LUNCHEON
The subject “Economic Outlook—1971” will be analyzed with particular emphasis on what Retail Lumber and Building Material Dealers can expect during the year ahead by featured speaker, Arthur M. Weimer, Special Assistant to the President of Indiana University at Bloomington, Indiana.

2:30 p.m.—F. D. P. DEMONSTRATION,
The Burroughs Corporation and Management Advisors, Inc. will demonstrate the new industry approved Electronic Data Processing Program. This is a complete in-house program and will show Dealers how they can take advantage of E. D. P. in their operations.

4:15 p.m.
BOARD OF DIRECTORS MEETING
5:30 p.m.
COCKTAIL PARTY AND RECEPTION
This is the final event of the Convention and everyone attending is invited.

The Housing and Building Products Show at Currigan Exhibition Hall will be open to the public on Friday, Saturday and Sunday from 1:00-9:00 p.m. Two exhibits are of particular interest, the first is the Polyurethane House which will be constructed on site, and incorporates a number of unusual shapes and economical construction methods. The second will be an exhibit of the Industrial Education program of the Denver Public Schools sponsored by Industrial Education teachers who are concerned with rapid industrial changes and their implications in the field of industrial education.

If we may venture a forecast—the 1971 Mountain States Lumber Dealers Association and the Housing and Building Products Show should more than encore last year’s tremendous success—it is certainly BIGGER and BETTER than ever!
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CURRIGAN EXHIBITION HALL/ DENVER

Symposia/March, 1971 Page 15
With the coming of the new year, members of the Associated General Contractors throughout our region maintain a heavy schedule of elections, awards and annual meetings. Emphasis in 1971 has been centered upon labor, the environment and legislation. During the year ahead, almost 1,500 contracts with the AFL-CIO Building Trades Unions must be negotiated — and as we go to press, the status of this problem remains in a state of flux. The ability of AGC to "hold the line" and in some measure control the spiralling costs of construction is of great moment to the entire architecture/engineering/construction community.

In Colorado, members of the Associated Building Contractors of Colorado elected Joe H. Berghem as Chief in the year ahead. You may become better acquainted with this very nice guy in "Take Me To Your Leader." Other officers are Bruce Hughes of Colorado Springs, Vice President; James S. Brown, Jr., Treasurer; and Victor Y. Coulter of Gerald H. Phipps, Inc. was elected Secretary. Commercial and Industrial Constructors chose three new members of the Executive Committee: Peter Benedict, Roland Fagre and Paul Penner. Paul is the immediate Past President. Continuing service on the Committee are: N. Kent Baker and Gilbert E. Johnson, both of Colorado Springs and Virginia Razee of Denver.

For the first time — ABC named a "Construction Man of the Year" — an award made at the luncheon held during the Annual Meeting. Recipient was James S. Brown, Jr., of Brown-Schrepferman and Company, Denver, who was cited for his energetic and tenacious efforts as management representative in negotiating the Denver Minority Construction Program ("The Denver Plan") with representatives of organized labor and of the minority communities of Denver.

The Colorado Contractors Association, Inc., the state's Heavy-Highway-Utility Chapter of the AGC, met at the Hilton on January 29-30 to discuss items of importance to the Industry. At the opening session on Friday, President Eastin presented an in-depth report on labor negotiations which will take place in 1972... pointing up the inflationary wage pattern and the decline in labor productivity. His concern was further emphasized by Mr. William E. Dunn, Executive Director of AGC, who spoke to the Intra-Industry Luncheon held at noon. Mr. Dunn is a member of the Construction Industry Collective Bargaining Commission headed by Harvard College Dean, Dr. John T. Dunlop. He expressed grave doubts as to any "voluntary restraint" on the part of the Building Trades Unions, and urged some type of governmental control. What is good for the Unions, he suggested, is not always good for the country.

Dr. Robert E. Schilson, a research engineer with Marathon Oil Company and a member of the Colorado Environmental Commission, reviewed the Commission's activities and Interim Report at the Saturday business session. Several recommendations of the Commission will be considered by the Colorado Legislature and will have an effect on Contractor operations.

Contractors were afforded an opportunity to learn first-hand what the Legislators have in mind as a Legislative Panel appeared on the program Saturday. Speaker of the House John Fuhr, Senator Joe Shoemaker, and Representative Jerome Rose described new bills which may be introduced during the current session.

Colorado Contractors named as their "Contractor of the Year," Edwin W. Vandervort, Vice President of Schmidt Construction, Inc. of Arvada. This award is presented annually to an individual who has worked to advance the Association and its activities. Mr. Vandervort served as President of CCA in 1956, was appointed Chairman of the Colorado Contractors (Insurance) Trust in 1968 and during the past twenty years has been a working member of fifty-two Association Committees!

Elected president at the 38th Annual Convention was Harold L. Cherry, Colorado Area Manager of Peter Kiewit Sons' Company, Denver. First Vice President is Robert Daugan; and re-elected Second Vice President and Secretary-Treasurer respectively were Harold C. Stillman and Ted McMurren. Board of Director members in the year ahead: Wallace "Boots" Corn (Grand Junction); R. J. De La Castro (Englewood); Immediate Past President Chris Eastin of Denver; James B. Kenney (Commerce City); Carl F. Krueger (Denver); Earl R. Lawrence (Littleton); Walter R. Schmidt (Arvada); Robert L. Siegrist (Denver) and Sam Thomasson (Aurora).

The annual Banquet and Dance concluded the meeting on Saturday evening, January 30th in the Grand Ballroom at the Hilton/Denver.
William E. Dunn, AGC Executive Director, spoke at the luncheon, and praised the Nevada Chapter for its outstanding work in community betterment. Under President James Teipner, Jr., of Reno, the Nevada Chapter in the past year has made substantial contributions among them the Friday, February 5th concert at the Pioneer Theatre Auditorium for the sophomores at Washoe County High School featuring the Johnny Mann Singers. This group of delightful young singers presented “So Proudly We Hail” — a stirring hour of Americana. Other AGC activities have included the AGC-sponsored All-Teen Invitational Golf Tournament at Hidden Valley Country Club in August. Jointly with the Building and Construction Trades Council of Northern Nevada, AGC has sponsored a Construction Opportunity Program for Northern Nevada’s Minorities. Under the direction of Ernest Mullins, these trainees have completed several community projects including burying the old dump on BLM land North of Reno, all construction necessary for Reno’s air races, and rebuilding Manzanita Lake at the University of Nevada.

Tom Donnels, immediate Past President of AGC in Nevada, spearheaded the drive which resulted in the construction of a multipurpose sports arena at Darrel Swope Junior High School. According to Dunn, “AGC in Nevada has an outstanding record of contributions to the welfare of the community.”

Carlo Panicari, Executive Vice-President of McKenzie Construction Company was installed as President of the AGC of Northern Nevada at this meeting. Other officers installed included First Vice-President Marv Byars, Second Vice-President Keith Stone, Treasurer Harry Lemon, Directors, Jim Thornton, Dale McKenzie, Sam Savini, and Ken Sheets.

We do not, unfortunately, have at hand the information on the 1971 S I R Awards program — an annual tribute by the Nevada Chapter/AGC to an outstanding Nevada citizen. This program initiated by Nevada has found acceptance in many other areas and more than a dozen AGC Chapters from New York to California will follow Nevada’s lead and make S I R Awards this year. S I R, of course, is adopted from the initials of the AGC Slogan — Skill, Integrity and Responsibility.

Harold L. Cherry
President
Colorado Contractors Association

It was the Thirty-First Annual for the Nevada Chapter of the Associated General Contractors — a meeting held on February 6th at the Sparks Nugget. Approximately six hundred contractors, wives and guests were on hand to participate in the day long meeting, luncheon and S I R Awards Banquet.

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.... selected for exhibition at the annual American Association of School Administrators

For information on this and other schools of PRESTRESSED CONCRETE contact your nearest CPA Member
(This article is the result of a most congenial association with the architectural and planning firm of Rogers/Nagel/Langhart of Denver. We must certainly cite this group of architect's for their establishment of a rapport with educators and administrators which is unusual and heart warming. As the coordinating architects for the Jefferson County R-1 System in Colorado, John Rogers, Vic Langhart and many others in the firm have displayed an unusual sensitivity to the problems of new educational concepts and methods. Through meetings, through on-site design sessions and through a complete cooperative effort, educators and architects have worked in the finest sense of a "team" endeavor. We have come within the last decade a long road from the golden oak desk complete with wrought iron scroll work and inkwell to "Boxes and Things." Knocking down the walls of the "cages for all ages" was only the beginning—the new school must have new furniture . . . and R.N.L. has developed at least one answer for the elementary level.)

We may well compare the "Boxes and Things" concept in school furniture to that "big mysterious package under the Christmas tree." This illustrates how these fascinating objects were received by the kids, the teachers and the administrators of the Jefferson County R-1 system when they were first delivered last August. What came in the door was a table and a storage unit complete with eight plastic cubes . . . total weight about 75 pounds/dimensions: 36" x 72" x 24". It slides across the carpeted school floor easily or can be lifted and carried with little difficulty by four or five not too robust second graders. Stored in the table are eight cubes — weight: three pounds each/dimensions: 12" x 15" x 18". This is the basic unit which may be used in a multiplicity of teaching and learning situations. The table is surfaced differently on the two major dimensions — a soft, durable surface which will adhere to the floor, and provide a base for stadium type seating with the cubes — a smooth surface for writing or drawing (completely erasable), with the further advantage of being used in an upended position as a projection screen for slides, motion pictures or other audio-visual material. Cubes are similarly treated with soft durable material and smooth surface.

John Rogers writing for the CEFP Journal's "Special Report" on "New Directions in School Furniture" commented — "As you visit these schools, it becomes evident that open floor space becomes more and more desirable and usable in the teaching process." He continues . . . "As we continued to look at student activity, we found a small group using the floor while another group sat around a table in a listening situation. When the floor is soft, and students have a choice, they use the floor." "It became increasing apparent," writes architect Rogers, "that standard school furniture presently available was not serving the needs of open-space education. In 1968 the District Superintendent (Dr. Del Walker/Superintendent of the Jefferson R-1 District) and Dr. Harold Gores of Educational Facilities Laboratories met, discussed the observations and suggested an attempt be made to solve this furniture problem."

The result of this conversation between Jefferson R-1 and EFL was a grant to the school district which has been implemented by Victor D. Langhart of R/N/L — finally, of course, becoming "Boxes and Things." The design process actually goes back to August of 1968. A series of meetings was held as architects, teachers, principals and elementary directors identified requirements. It was determined that elementary school children assumed a surprising number of posture variations and that materials should be durable, mark resistant and strong enough to take "kid-treatment." The lightest possible weight would be a critical influence in day to day use in variable teaching situations. The main objective of architect Langhart was to achieve a simplicity of design of the multi-functional components. The temptation to over-design adding to weight and emphasis on permanence was to be shunned.

Our first encounter with "Boxes and Things" came early on in the project when small jointed dolls were...
used to represent pupils, and a number of scale models in different shapes and sizes were being employed. From the R/N/L "Doll House," the first prototypes were constructed and well received by teachers and students in the Vanderhoof Elementary School in the R-1 System. These were constructed of wood which added an undesirable weight factor. To be truly useful, the components had to be easily movable by children and instructors.

Late in 1969, new brain-power came into the project in the personable Cal Radach whose background was in educational equipment and Don Donely, an industrial designer with a special emphasis on plastics. A joint venture was formed and a unique new plastic material was used in fabricating the new "Boxes and Things" presently being tested at Kendrick Lakes Elementary School. Designer Langhart chose bold primary colors for use in the cubes — yellow, red, blue and black — the table/storage unit is manufactured in white plastic to form an acceptable background for visual presentations. To date, approximately ten large "boxes" and one hundred small ones have been produced.

Brief reports on the "Boxes and Things" concept has appeared in a limited way, and from these articles about fifty inquiries have been made. Mr. Radach told us many of them were from those "faraway places with strange sounding names" . . . Africa, Mexico, Canada, Hawaii as well as the United States. Small orders have been received from Las Vegas, Nevada.

There has been considerable interest in this multi-use idea among educators . . . presentations have been made at both the Open Plan School Conference and the Twentieth Annual Summer School Planning Institute Conference by Vic Langhart.

Since the inception of the large, open-space instructional area, educators have been searching for new furniture design solutions to not only meet conventional functions, but fulfill many new ones. "Boxes and Things" certainly increases versatility through simplicity . . . a new slant on flexibility in the school room.

Hey, Look Me Over! Desk/Storage unit in platform position.

Up-ended, Desk/Storage unit becomes backdrop for visual material.
STATE OFFICE BUILDING, Salem, Oregon
Wilmsen, Endicott, Greene, Bernhard and Associates

Out here in Symposia country, the honors have been falling "like the gentle rain from heaven" upon the deserving shoulders of our talented Western architects. It is, of course, most gratifying to us to see recognition moving West.


Portland Community College is located midway on a 125-acre heavily wooded hillsise, with large areas preserved in a natural state or used for athletics and recreation. Consistent with the college's open door policy with maximum freedom and choice, the architect's concept might be termed an educational "shopping center" with freedom to "window shop" with no differentiation between academic and vocational-technical programs. The Jury Comment: Almost every community college seeks true community involvement, high visibility of the educational process, and a dynamic curriculum. Portland Community College achieves all of these. Through its architectural plan and its flexible educational program, the experience of learning in a free and open atmosphere is well provided. Extensive use of glass walls to enclose every conceivable activity from classroom to faculty office makes the program visually apparent and serves to esthetically balance the brick and concrete forms of the individual buildings. The general openness of the educational areas is reinforced by a spacious, central, enclosed mall that accommodates a changing variety of events.

Laurel No. 2: Top Award to Muchow Associates of Denver, Colorado in the 18th annual Design Awards competition sponsored by Progressive Architecture. The winning design is for a vacation house to be built for the family of Marshall Bennett of Chicago on the eastern slope of a mountain overlooking Sun Valley, Idaho . . . George Hoover of the Muchow firm is the Project Architect. Some of the Jury members commented: "One of the intriguing things about this First Award is that it slants down the hill the way the hill does." "It is unique because it is a highly individualistic work of architecture than, at the same time, works extremely well in the context of its setting."

Laurel No. 3: Citation to Unthank, Seder, Poticha of Eugene, Oregon for the Tennis Courts and Handball Facility at the University of Oregon. This second award in the Progressive Architecture competition is for nine protected tennis courts and nine handball courts enclosed and heated. The unique slatted roof designed on much the same principal as a Venetian blind particularly pleased the Jury . . . "It's probably like a slat roof house inside, with a nice light." The partner in charge is Otto P. Poticha.

Laurel No. 4: Citation to Wilmsen, Endicott, Greene, Bernhard and Associates of Portland and Eugene, Oregon for the design of the State of Oregon Office Building to be located on the Capitol Mall in Salem, Oregon. A somewhat controversial structure — a no-nonsense answer to housing State facilities. Controversial because it tops "Golden Boy" atop the State Capitol, it nevertheless answers an office housing problem at minimum cost. The Jury termed the building both "simple" and "anonymous." "As a straightforward office building this is a reasonable scheme that is well proportioned. There is enough variation in the floor height to give it a certain richness." This is the third P.A. Award made to architects within Symposia's region, and
Architects of Spokane, Washington for the Farm Credit Banks in Spokane, Washington. Structural Engineers for this building were the consulting firm of Lyerla/Peden of Spokane and Missoula, Montana.

Laurel No. 7: For “distinguished architectural design in white cement concrete completed during 1969” — an award to James Sudler and Associates, Denver, Colorado for this firm’s unusual and striking design of the Church of the Risen Christ in Denver. Winners are selected regionally in this competition by a jury of architects and engineers and is sponsored by the Portland Cement Association/White Cement Marketing Group.

Laurel No. 8: Another Regional Award in the Annual White Cement Architectural Award Program presented to the firm of Bryant, Butterfield and Frets, of Everett, Washington for their project — the General Telephone Company Building in Everett. Walnut and silver plaques were presented to each of the winners during regional luncheons held February. The plaques carry the architect's firm name, and the name and location of the award-winning building.

It has been Symposium's pleasure to add our congratulations to a host of others — a sincere salute to the architects and engineers who have given a brighter shine to the image of western architecture. It looks very much like we are going to need an even bigger laurel tree in the months ahead! Our friends from "down under" have the word for it, gentlemen! "Good On You!"
Traditionally, the week of Washington's Birthday—you remember, the old-timey one on February 22—was designated as Engineer's Week, since the Father of Our Country was associated with that honorable profession. In 1971, however—things are not quite so simple, and we have a number of engineering associations within Symposia country meeting on dates from February 4 to February 27. Among the "early birds", is the Idaho Society of Professional Engineers who held their Sixty-First Annual meeting and Convention at the Rodeway Inn in Boise, Idaho on February 4, 5 and 6. In conjunction with this meeting, the Consulting Engineers/Idaho held their semi-annual gathering. It is thanks to the immediate past-president of CE/I, Editorial Board Member, "Larry" Hoffmann that Symposia has such an excellent summary of this year's Annual Convention.

"ENGINEERING—To Improve the Quality of Life" was the theme for the meeting and the Convention Program Committee was headed by General Chairman Richard T. Kanematsu and James H. Clayton.

Larry Spiller, Assistant Executive-Secretary, Consulting Engineers Council/US, Washington, D. C., spoke at the first general meeting on the subject "Face to Face With Union Organizers." Mr. Hoffman writes... "This was very revealing on the problems that the professional engineer is meeting regarding unions trying to organize in both private and government phases of employment." Mr. Spiller has been with CEC/US since 1966, and serves as Director of Government Affairs in charge of all legislative and government liaison programs.

The afternoon session was held in the Cascade Room with President John L. Hoffmann presiding. Mr. H. reports: "The most discussed and controversial subjects were in the line of legislation being introduced into the Idaho Legislature now in session. The following are the most important pieces of legislation discussed:

1. Architectural Inspection Law which is proposed by the Idaho A.I.A. would allow any citizen to file an injunction on anyone proposing to construct a building not designed by a registered architect. The Engineers proposed supporting this bill if it included bonding requirements as well as a clause exempting Engineers as provided under the Engineer Registration Law.

2. The Engineers themselves introduced a bill to allow them to file a lien on property on which they had performed engineering services but were not paid for services rendered. This set up the Engineers as last on the priority list.

3. The Geologists introduced legislation which provided for the registration of Geologists. The way the proposed law was written, some engineers believed it interfered with the field of geological engineering, which is licensed under the present law, and Engineers felt present law provided for protection of health, welfare and safety in this regard. Engineers opposed the legislation.

4. Legislation was also introduced which required additional requirements on plats in regards to sewer and water projects for subdivisions. Subject discussed but required more study.

Discussion was held in regards to holding a C.E.I. annual meeting in conjunction with C.E.C., Montana, Washington and Oregon at Coeur d'Alene in June. A committee was appointed to study this.

Meeting recessed until Friday morning."

Other Practice Sections meeting in the afternoon... Engineers in Education; Professional Engineers in Government and Professional Engineers in Industry. At 6:30, the gentlemen knocked off a busy and productive day and met their ladies for an Old Fashioned German Party complete with beer, good German food and entertainment. Notwithstanding festivities, CE/Idaho members were up bright and early on Friday, February 5 for a Breakfast Meeting at 7:00 a.m. At this time, with Larry Spiller commenting, the following items were under discussion— and "Larry" Hoffman summarizes them for us.

1. Consolidation of CEC, PEPP, AICE. It looks at if some ground rules have been agreed upon, but will be some time before the consolidation is complete.

2. Revised bylaws of C.E.I. were voted upon by membership and passed.

3. Competition from state agencies was discussed and committee reported that those agencies competing with Engineers were contacted and the Engineers position explained and it is believed a better relationship exists as a result of these meetings.

4. The Legal Fund for Engineers was discussed and there is a difference of opinion in the members depending upon which expertise the Engineer follows in his work.

New officers were installed for the year 1971 and they are as follows:

President Wendell Higgins
1st Vice President Richard F. Williams
2nd Vice President Donald Ellsworth
National Director Carl J. Voeller
Alternate National Director John L. Hoffmann
Secretary-Treasurer LeRoy Taylor

The Idaho Society of Professional Engineers was also hard at work on Friday morning... holding a ISPE-ECPD Indocrtination and their Annual Business Meeting. The Luncheon at noon featured speaker, A. A. VanTeylingen who is University Architect at Montana State University in Bozeman. His topic was "A Good Problem Solver—The Charette."

On Friday evening, ISPE Officers were installed at a gala Banquet with entertainment provided by the Borah Singers and the lovely Miss Boise, Margie Holland. The principal speaker, Stacy Gebhards, Fishery Management Supervisor for the Idaho Fish and Game Department, made some pertinent suggestions on "How to Build a Fish."

The program on Saturday began with a Young Engineers Breakfast at 8:00 with two featured speakers... H. Sidwell Smith, P.E., Dean of the College of Engineering/University of Idaho, presenting a University Design Review and Arlo Nelson, President of the Environmental Planning Group, Inc., who spoke on "Criss-Crossing the Great Divide." The ISPE Annual Business meeting was concluded with the second session held that morning.

Those attending the Founders Society Luncheon heard an address on "Conservation Engineering in Urban Areas" delivered by Creighton Gilbert, P.E., who is the Assistant State Conservationist—Watersheds, Soil Conservation Service. The 51st Convention drew to its close with the meeting of the ISPE 1971 Board of Directors meeting which adjourned at 5:00 p.m.

The rest of February's festivities came a little late for Symposia's deadline, but we can look forward to hearing from Colorado, Utah, etc., in the upcoming April issue.
Looking ahead — General Chairman Ib Falk Jorgenson (left) with Co-Chairmen David E. Fleming (center) and J. Robert Florey (right).

1971 ANNUAL CONVENTION
AMERICAN CONCRETE INSTITUTE

An exciting program has been planned for the more than 10000 leading cement construction experts who will open their national convention in Denver on March 8th. The American Concrete Institute, one of the nation's leading organizations devoted to engineering education and scientific research, has eighty technical committees actively investigating virtually every conceivable aspect of concrete technology. Founded in 1904, the ACI has approximately 12500 members in over one hundred different countries.

General Chairman of the ACI Convention Committee is Ib Falk Jorgenson, President of Jorgensen and Hendrickson, Inc., Consulting Engineers. His very able Co-Chairmen are J. Robert Florey, Western Region Field Sales Manager of Master Builders and David E. Fleming, President of the David E. Fleming Company. Other members of the Denver Convention Committee are: Secretary—C. E. Wames, Portland Cement Association; Treasurer — Thomas W. Foster, Jr., Construction Consultants, Inc.; Publicity — Ted L. Johnson, Ideal Cement Company; Transportation — John S. Horn, Consultant; Membership — Edwin G. Hedstrom, Ideal Cement Company; Field Trips — Francis J. Jacques, Prestressed Concrete of Colorado, Inc.; Educational — Dr. Newlin D. Morgan, Jr., University of Wyoming; Housing — Edward W. Thorson, PCA; Social Events — Arthur G. Wood, Texas Industries, Inc.; Local Events, Registration and Tickets — Roy R. Russell, Roy R. Russell, Inc., Consulting Engineers; Routing, Signs and Printing — Dr. Larry J. Feesor, University of Colorado; Awards — Walter J. Prebis, Colorado Prestress Association.

A complete schedule of ladies' activities are also planned. Mrs. Edward W. Thorson is Chairman of the Ladies Activities Committee.

Monday, Tuesday and Wednesday will be devoted to Technical, Educational and Administrative Committee Meetings with the "Concrete Mixer" scheduled for 6:00 p.m. on Wednesday, the 10th. General Sessions will open at 9:00 on Thursday morning and the program will include an address by ACI President, S. D. Burks of W. R. Grace Company. At 12:15, an Awards Luncheon is being held with an Award to the outstanding concrete structure being made by the Rocky Mountain Chapter. In the afternoon, there will be a symposium on sealing joints in concrete structures sponsored by ACI Committee 594 chaired by Peter Smith of the Ontario Canada Department of Highway.

On Friday morning, March 12, there will be a choice of symposia offered convention participants. Scheduled from 9:00 a.m. to noon there will be a report of Research on Plain and Reinforced Concrete, and an International Symposium on Cracking, Deflection and Ultimate Load Behavior of One-Way and Two-Way Slabs and on the Probabilistic Design of Reinforced Concrete Buildings. The International Symposium will conclude at the afternoon meeting held from 2:00-5:00 p.m. and a second Symposium is offered to ACI members who attended the morning-only sessions — a Symposium on the Analysis of Structural Systems for Torsion.

Three very special events have been scheduled for the 1971 ACI Convention. Chairman Jorgenson said a Buffalo Barbecue will be held on Thursday evening at the Denver Federal Center Headquarters of the Bureau of Reclamation and two Field Trips are being projected to outstanding concrete projects.

The first field trip will run all day, Wednesday, March 10, and include a number of structures in metropolitan Denver and Boulder. The National Center for Atmospheric Research, CU Engineering Center, Botanic Gardens, Skyline Urban Renewal projects, and a number of luxury high-rise apartments in the Cheesman Park area will be among those visited. The Denver Art Museum, near the convention headquarters, will also be noted.

On Saturday, March 13, a field trip to Vail will be available which will include several multi-story precast condominiums and lodges plus the upper and lower lift terminals of the Lion's Head Gondola. Both terminals are precast concrete and the upper terminal is at the 10,500 ft. level.

The facts and figures once again . . . American Concrete Institute 1971 Annual Convention at the Hilton Hotel, Denver, Colorado — March 8-12. Many members of the architecture/engineering/construction community in the area may wish to take advantage of participation in this meeting which is a very real part of the decision making process.

(Registration for members is $20.00 — for non-members, $30.00, however, Membership Chairman Ed Hedstrom tells us if you care to "join the group" — the $10.00 overage will be applied to the annual dues of only $25.00. Now, there is "Some Kinda" Membership Chairman!)
With this issue of Symposia, we conclude our coverage of the 1971 Exhibit of Educational Facilities sponsored by the American Association of School Administrators in conjunction with their Annual Convention in Atlantic City, and a joint design program with the American Institute of Architects. We would reiterate our sincere appreciation to Bea Sebastian, Director of the Exhibit for A.A.S.A. and the architectural firms in our region who make this Symposia feature possible.

A useful neighborhood recreational area and a new elementary school have been combined in this unusual project in Powell, Wyoming. The 12 acre site was jointly acquired by the City and School District and master-planned to avoid duplication of facilities, a considerable saving to taxpayers. “Planning for the Future” was the key factor in the total educational picture, and the architects responded with a flexible building incorporating interior spaces which can be re-arranged quickly and inexpensively. The large learning areas are grouped about the “Quest or Independent Study” space where instructional materials are readily available and including carrels where students may use audio-visual, programmed learning and other independent research aids. Windows have been eliminated to prevent glare and reduce operational costs . . . acoustical ceilings and carpeting muffle extraneous noise and permit many kinds of activity simultaneously.

The Westside Elementary School is designed for a present enrollment of 360 students with an option for expansion when needed. The cost was $19.44 per square foot.

CTA's Westside Elementary will be included in the exhibit at the National School Boards Association Convention in April, and has also received the Honor Award in the Montana Chapter/AIA Awards Program.
A rapidly sloping site and often strong prevailing winds were the limiting factor in the design of the new Bear Creek Elementary School. By careful planning of the spaces, the architect was able to achieve three levels in the building without severe limitations upon mobility for moving equipment and flexible space dividers. The laboratory areas for science and nature studies have glass areas . . . the academic spaces being closed and windowless acting in part, as a wind buffer.

The flexible classroom areas flank the Instructional Materials Center, with defined environments provided for music, physical education, administration, science, services and cafeteria. The Academic spaces can vary as rapidly as the staff wishes. Based on a present school population of approximately 577 students, many facilities are approximately the same for a full complement school of 800 — an expansion achieved easily by a major yet relatively economical expansion for academic and IMC use with some enlargement of Kitchen/Cafeteria spaces. The school is presently under construction at an approximate cost of $22.50 per square foot.
This facility presented the architect with a very special kind of problem. It is designed as a training center for three hundred trainable mentally retarded and multiple handicapped students ranging in age from three to twenty-two years. No written educational program was available and the architect, working closely with the School Administrator, was allowed the rare privilege of developing the basic design criteria for the building. The children are taught the skills needed to survive and assume a useful role in society wherever possible. Since methods in this field are changing rapidly, the building offers an optimum in flexibility in both partitions and utilities with the ability to confine hyper-active groups within easily controlled spaces.

The building is scaled and designed in a warm and friendly way with four round pods grouped around a small library and large multipurpose room — all behind a gently curving administration building. The site itself is ideal . . . 5.6 acres in an older area of mixed residential and fruit farms. The orchards which surround the area extend on to the east one third, and much of this was retained to become a part of the final landscaping. Avoiding an institutional feeling with low ceilings at perimeter walls of the pod, sloping up to the multipurpose area, dark blue carpet is used with white walls and accents of bright blue, yellow and orange. Interiors and colors were by Mrs. Barbara Cowley of Mr. Lyon’s staff. Cost of the structure was $19.60 per square foot.

The open plan in educational facilities has moved into the administrative area with William Robb’s simple, yet handsome design for the Poudre School District, R-1. In the former Administrative offices, crews were constantly tearing down and rebuilding partitions, a more efficient way to re-arrange space was needed. For the new open space concept, a series of portable dividers was conceived, lengths developed to conform to desk sizes and arrangement and to allow nesting of file cabinets. The combination of acoustical ceiling, carpeting and dividers has resulted in a warm and successfully acoustical working environment. Through the multi use of the Conference Center and Conference Rooms, this space in individual offices was minimized, and efficient communication between all areas is served through a split-level plan with lobby and receptionist areas on the Intermediate Level. Expansion has already been planned for the future needs of the District, although the present structure is designed to house approximately 25 more employees than the present 82. Architect Robb also achieved a very economical building cost . . . $16.75 per square foot ($17.66 with carpeting).
modular scheduling and team teaching. The Learning Materials center is the hub for the entire program, readily accessible to all learning areas and with a rich variety of materials to encourage not only reading but investigation in many fields.

The Las Vegas Memorial Middle School has been constructed in two phases for a capacity of 750 students on a site of almost 38 acres. The square foot cost of $14.54 is extremely low. The steel frame structure with metal stud has an exterior of stucco/metal siding and interior plaster curtain walls. The structural steel roof framing and conventional steel bar joists employed metal deck with insulation and built-up asphalt/gravel roofing membrane and porcelain enamel fascia. Academic areas are carpeted, work areas utilize vinyl asbestos tile flooring and concrete, kitchen and rest rooms are ceramic tile and the gymnasium floor is maple. Room dividers were outdoor carpet with metal rod hangers. Fluorescent lighting was used in the academic areas, mercury vapor lamps in the gymnasium. A review of some of the materials employed was, we felt, germane, because of the very low per square foot cost of this facility.

LEGISLATION/’71

Arizona — The Central Arizona Chapter Newsletter reports that the legislative program is off to a fine start. SB 23 has been introduced for lien on property. The Fee Bill (much the same as last year’s) will be introduced as a committee bill by Senator Ellsworth’s Commerce and Labor Committee. A new version of the Statute of Limitations is being reviewed by the Attorney General’s office. Also noted by the Newsletter the efforts on environmental planning and control legislation by Mike Goodwin, AIA, of Tempe. Kudos!

Colorado — Design professionals are keeping eagle eyes on any move to implement the recommendation of Dr. Byron W. Hansford, state education commissioner to establish a School Architect and stock plans. In Denver — the usual hanky panky with the sign industry screaming down the rooftops as concerned citizens try to pressure City Council into passing a Sign Code Ordinance.

Idaho — Action here is well summarized in John L. Hoffmann’s report on the Idaho Engineer’s meeting in early February.

New Mexico — Legislative Reporter Brad Kidder, FAIA, of Santa Fe writes . . . “The Legislature convened on January 20th and to date only one piece of Legislation has been introduced which has any bearing on Architects, Engineers and Builders. HB 143 calls for bidding for Professional Services. Slim chance of passing, but it will have to be fought by all the professions. The Professional Engineers were the first to discover the contents of the Bill — the title is completely innocuous with no hint as to its real context. Anyhow, all professional societies have been made aware of the Bill and it will get plenty of adverse publicity in the hearings.” “So far, only about 300 of the anticipated 800 bills have been introduced in the two houses and HB 143 is the only adverse one thus far. We expect to have a Bill to Permit Arbitration of Building Disputes and related problems of architectural interest, but it has not yet been submitted.

Usually it is well into March before controversial legislation comes up — so you shouldn’t expect much of a Legislative Report until April.”

In Washington, D. C. — the Brooks Bill failed in the Senate. It might be well for Design Professionals to discover just how their own Senators voted on this legislation . . . and remember!
a symposia series
Introducing: architecture/engineering/construction leaders

TAKE ME TO YOUR LEADER

UTAH

Kenneth W. Jones, President
Utah Chapter
American Institute of Architects

In 1969, Ken Jones was the Charter President of the Northern Utah Architects Association — slightly more than ten years later — the Association has become the Northern Section of the Utah Chapter/AIA and Mr. Jones is the “fearless leader” of all of Utah’s architects.

Born in Ogden, he traveled eastward as a Navy V-5 and V-12 Cadet in the college program and was released to inactive duty as an ensign. He is a cum laude graduate in Architectural Engineering from the University of Colorado at Boulder. Following graduation he worked in Ogden as an engineer and draftsman obtaining his license in 1956. His present individual practice dates from 1958, with offices in Ogden and Idaho Falls, and he has a host of handsome buildings to his credit in his native state.

Ken is a real home town booster — he is a past president of the Ogden Lions Club, a member of the Ogden Chamber of Commerce and was chairman of the Ogden City Sub-Committee for the Central Business District, Ogden City Master plan. In addition he has served on the Weber County Planning Commission and has served in the bishopric of his own ward (LDS) for three years.

Ken and his “home-town girl,” the former Mary Linsley have three children — Randall, 18; John, 16 and Mitchell who is 11. They all enjoy living in their Ogden home which Ken designed for his family and when time permits, Mr. J. may be found either golfing or fishing.

We are pleased indeed to have him “among those present” on Symposia’s pages.

COLORADO

Joe Bergheim, President

One might say that Joe Bergheim is as native to the Boulder scene as Ralphie the C. U. buffalo. Born in Boulder, he holds bachelor's degrees in both business and engineering from Colorado University, he lives and works in Boulder . . . the firm is Wilkins Company, Inc., General Contractors, and indeed he seems most content in this delightful town at the foot of the Flatirons.

After graduation, however, he ventured east to work for Dupont in Delaware, did his bit for Uncle at the Army Chemical Center in Maryland, and then worked as a Staff Engineer for the Air Conditioning and Refrigeration Institute in Washington, D. C. All this brings us to 1958 when he returned to Boulder, and the Wilkins Company. You see, by then, he was married to the bosses daughter, Joyce. Now, the Bergheims have two young ladies of their own — Kathryn who is fifteen and Susan, eleven.

A member of the Associated Building Contractors of Colorado for almost a decade, Joe has served the organization as Secretary, Treasurer and Vice President before taking over the gavel for 1971. When we asked Joe what he did for a hobby — he said, “Well, probably Hi Fi, I’ve got a great set up, but really — business is fun!” And, probably that is why this “fearless leader” has such a warm and engaging personality and has his corners curled most of the time. It really helps when “business is fun.”
A native of Sheboygan, Michigan, Mr. Annand is a graduate of the College of Engineering and Architecture at the University of Michigan. He is registered as both architect and civil engineer in Oregon, as an architect in Washington, Idaho and Arizona. He began his own practice of architecture in Portland in 1934, and his present firm dates from 1964.

He has had a long and honorable affiliation with the Institute serving as Vice President of the Oregon Chapter in 1944 and Secretary in 1946. He has been both Secretary and Vice President of the Oregon Council and in 1947-'48 was President of the Oregon Technical Council.

His public service includes the Portland Building Code Board of Appeals (1937-'49); the Portland Housing Code Commission (1949-'55). He is presently serving on the Washington County Building Code Board of Appeals and in 1970-'71 is Chairman of the Washington County Planning Commission. Since 1966, he has been a member of The Salvation Army Advisory Board.

Mr. Annand has indicated that the major thrust of activity for OCA in the year ahead will be working with the legislature on matters of ecology and the man-made environment in Oregon. His chief assistants in this endeavor will be Vice President James Bernhard, Eugene; Secretary A. P. DiBenedetto, Portland, and Treasurer Philip Patterson of Medford.

Our best Symposia wishes, Mr. A., for a most successful 1971!

The Economy of Masonry
Fact and Fiction

It is, once again, our pleasure to herald the annual conference of the Colorado Mason Contractors Association. This is the fourth time around for this Industry group who so clearly demonstrate their interest in their own industry by presenting an annual program which is of value to all members of the construction community.

This year, the date is March 13th — the times: 9:00 a.m. to 5:00 p.m. and the place: the Merchandise Mart located at 58th and Valley Highway in Denver. As always, the exhibits will feature the latest in equipment, labor saving devices and supplies. These and the scheduled seminars are aimed to interest not only the contractor and brick layer but architect and engineer as well. Officers of the Colorado Mason Contractors are Walt Rothermel, President; Dale Vaughn, Vice President and Don Fair, Secretary-Treasurer.

SCHEDULE OF EVENTS
9:00 A.M. — Large equipment will be on display in the parking area in front of the Merchandise Mart. The Exhibit area inside will be open and offering the latest in materials and equipment to make work easier and contribute to the "Economy of Masonry." Complimentary rolls and coffee are available at this time.

Noon: — The excellent Luncheon is made doubly attractive by the appearance of Dr. Frank A. Court as the guest speaker. Dr. Court, Minister of Trinity Methodist Church, Denver, is well known for his wit and his wisdom. He has achieved international recognition as a guest lecturer for General Motors. He will speak on "You Can't Lose For Winning."

Afternoon
Four individual seminars will be presented — each to last one hour, and including time for questions and answers. These will be repeated twice to allow each person attending to choose two seminars of particular interest.

Seminar I: Engineering of Reinforced Masonry
Seminar II: The Cleaning of Masonry Products — Problems and Solutions
Seminar III: Masonry Economy — Comparative and Ultimate
Seminar IV: Law and the Mason Contractor

Following the Seminars there will be a Cocktail Party. The tickets which are only $5.00 each include Coffee and Rolls, the Luncheon, the Program and the Cocktail Party. For tickets: telephone 477-6308.

Don't Forget the Ladies!
And the Mason Contractors definitely have not... ladies will be transported from the Merchandise Mart to the "Cafe Promenade" in Larimer Square for Luncheon, followed by a fashion show "Alice in Fashionland" presented by Kayes Feminine Fashions, 6th and Garrison. There will be extra time for the ladies to do some "special shopping" in the Larimer Square area before returning to the Mart before the Conference is concluded.

It would certainly appear that the 4th Annual Colorado Mason Contractors Conference is another "winner" — a return engagement of a meeting which has met wide acceptance throughout the local industry. The theme... "Economy of Masonry — Fact and Fiction" is most provocative! We'll see you there.
**arizona**

**The Name of the Game**
Jerry Hughes, newly-elected Chairman of the Air Conditioning Contractors of Arizona, in a recent address stated... "Total environmental control is the name of the game—and Air Conditioning and Sheet Metal Contractors are very much involved on both the national and local scene." He specifically pointed to the current study on air and water pollution being conducted by members of his organization and by SMACNA in the "Valley." "We are working," said Mr. Hughes, "with a number of industrial plants in Arizona on the problems of fume removal, chemical waste removal and other environmental problems." He also pointed out the work being done nationally and cited the appointment to the national committee of Mr. J. B. Rodgers, immediate past president of the local organization.

In addition to Fearless Leader Hughes—other ACCA officers elected include Charles Roberts, Vice President; Al Hollkamp, Secretary and Ames Thompson, Treasurer. Other members on the Board include J. B. Rodgers and John Armer. Executive Director of the Association is Robertson (Bob) Fort—a fellow editor and very good Symposia "buddy."

**Products Fair**
The Phoenix Chapter of the Construction Specifications Institute tried something new and different and with gratifying results on February 17th. It was their first Products Fair held at the Saddleback Inn. There were many fine booth displays, a bar (hosted for the first hour by Superlite Builders Supply), a delicious buffet dinner plus super door prizes. The Phoenix Chapter newsletter "Caesius Comments" particularly cited Dick Homes for his outstanding job of organizing this "first time around." The usual February business meeting was omitted. However, at the upcoming March meeting, Chairman of the Nominating Committee, Past President Jim Lindland will announce the slate of officers for the coming 1971-72 year. The election will be held at the April meeting.

**Arizona P. C. Contributes**
At their January meeting, Jerry Bantana, First Vice President of the Arizona Chapter of the Producers’ Council presented a check for $300.00 to Dean James Elmore, FAIA, of the College of Architecture at the University of Arizona, Tempe. In accepting this contribution to the University’s architectural scholarship fund, Dean Elmore said the funds which are administered by the A.S.U. Architectural Foundation are used to enrich the college’s program and “to do a variety of things which cannot be done with state funds." In addition to providing scholarships, the money donated to the college is used to buy books for the architecture library and to help fund field trips.

Jerry pointed out that the Arizona P. C. Chapter has made an annual contribution to the architecture scholarship fund for the past decade and that the group also gives $150.00 annually to the University of Arizona’s College of Architecture in Tucson.

**Symposia/around the region**

**arizona**

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**Procedure Manual**
The long awaited Procedure Manual produced and published by the Denver Chapter of the Construction Specifications Institute is NOW on sale. This most helpful publication includes five articles... A-1: Issuing Bidding Documents; A-2 Qualification of Bidders; A-4: Approval of Substitutions; C-1: Shop Drawing Processing and D-2: Punch List. Later articles to be published include those purchased and mailed to those purchasing the Manual will be: Bidders' Proposals, Addenda, Insurance Certification, Bonds, Personnel Listing and Cost Breakdown: Payments During Construction: Changes in the Work, Inspections, Completion and Occupancy and Acceptance of the Completed Project. Contact your nearest CSI member for information on how you can get your hot little hands on this fine document. Cost—a pittance—Five Bucks.

**Wine, Women and Song!**
On February 27, high atop the Petroleum Building in Denver, the Gypsum Drywall Contractors International held their Annual Dinner Dance. A real gala! A fabulous steak and lobster dinner was served, there were door prizes and music was provided for those who wished to trip the light fantastic. GDCI also took the opportunity to install their new officers who are Robert Wyatt (General Interiors) President; Danny Larsen (Colorado Partitions), Vice President, and Earl Hall (Sehrbier Decorating), Secretary-Treasurer. Bruce Miller headed the committee master minding this very special occasion.

Incidentally, GDCI has added something new—a newsletter—as yet nameless. A lively monthly, it will serve to keep members informed of local happenings. Contributions, comments and/or suggestions are welcomed... send same to Shirley Parker, 1400 South Clay, Denver, 80209 or telephone 934-7211.

**A.I.A. News**
Keeping up with the doings of the Colorado Central Chapter these days is a little like running up the down escalator. These fellas are busy! President Vic Hornein, FAIA, is being aided and abetted this year by First Vice President (President-Elect) Charles S. Sink; John Rogers, Second V. P.; George Haller, Secretary; Norman Kasch, Treasurer, and Directors Norton Polivnik, Langdon Morris, Neal Carpenter, William Muchow, FAIA (Immediate Past President), and Bert Bruton, who chairs the Social Action Committee. Commissioners are Larry Bourn, Professional Society;
Mike Lombardi, Professional Practice; Dave Williams, Public Affairs; Dan Havekost, Environment-Environment/Western Slope; Dean Chambliss and Dick Crowther, Education and Research. The February meeting was held on the 18th at Seal Office Furniture and coming up March 24 is the Gala and Benefit at the Country Dinner Play House. For a paltry “tenner” per person, you can enjoy a marvelous buffet dinner, a sparkling performance of “Cactus Flower” and give the Central Chapter a “boost.” Do not walk—run to your nearest telephone and make your reservations through the A.I.A. Office—244-8959 . . . the closing date is 10/March.

new mexico

Up Albuquerque!

You can bet if there is a new and better way, the Albuquerque Chapter/CSI will give it a whirl. Their latest innovation to build up meeting attendance is the “Buddy” system. Each member is assigned (at random) a “Buddy,” and each one is responsible to the other to make the necessary calls and/or visits to insure both members attend the next meeting. Members are asked to report at the meeting concerning success or failure. Each month’s list is published in New Mex Spex. This was tried initially at the February meeting—and although President John Reed said it was “too early to tell”—success seems likely. The February meeting at the Sheraton Western Skies, incidentally, was a very good one with Mr. Harvey Kolstadt of Marsh and McLennan Insurance Underwriters speaking on “Fire Prevention During Construction.” And “Hey There” to new Spex Editor, Jim Cushing . . . you’re lookin’ good!  

oregon

Appointments

It was with a great deal of pleasure that we read in “Architects and Architecture,” the Portland Chapter/AIA Newsletter of the appointment of Portland architects to some mighty important jobs. Many of these assignments are of particular significance because they place the professional in a position of influencing public decisions. For instance, Joe Yodogawa has been appointed to the Formal Japanese Garden Commission—a three year term; John Foster to the Milwaukee City Planning Commission and Roger Shiel (immediate Past President of the Chapter) has been elected to the Board of Directors of the Oregon Environmental Council. Additional professional appointments included Al Staehli as Historical Preservation Coordinator for Oregon on the national AIA Committee; Norman Zimmer, FAIA, has been selected Chairman of the steering group for the national AIA Committee on Architecture for Commerce and Industry, and Robert Frasca has been selected for the national AIA Committee on Urban Planning and Design. Congratulations—one and all!

Joint Meeting

The Portland Chapter/CSI and their opposite number in the Producer’s Council held a joint meeting in February in the Roaring Twenties Room at the Hoyt Hotel. The program “Scope, Design and Construction” brought together an outstanding panel of experts discussing the various roles assumed by the building “team” working together to achieve the desired building results within the overall budget. Representing the owner was John Van Bodegom, Vice President of the First National Bank of Oregon. Tom Frey of Skidmore, Owings and Merrill and Brooks Gunsul of Wolff, Zimmer, Gunsul, Frasca and Ritter, were the architectural representatives and Mike Strunsky, Carl Morse, Inc. of California represented the Construction Consultant. The Contractor was represented by Cecil Drinkward, who is Vice President and General Manager of the Hoffman Construction Company and Dan Mercer, President of Mercer Steel Company, represented the Sub-Contractor and Material Sup-

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Symposia/March, 1971 Page 31
An excellent program airing pros and cons which are of vital interest to the entire industry.

**utah**

Gay Doings/AIA

A "Care" package in Symposia's Smiling Mailbox from our Utah correspondents, the Carpenters—always an occasion for rejoicing. Pictures, clippings, magazines, and heaps of news are always included giving us a complete over-view of "what goes" in the architecture/engineering/construction community in that fair land west of the Rockies. It would certainly seem that the Utah Chapter/AIA have been having a grand and glorious time of it. They were, of course, gracious hosts at Grassroots/Seventy One held January 18-19 at the Hotel Utah. On Thursday, January 21, they joined forces with the Women's Architectural League for a marvelous evening and installation of officers at Sundance, Utah's newest ski resort. It was by and large, an evening of jollity, however the entire group took time to salute WAL president, Betty Bailey and her charming husband, Roger. Nancy sent along multi candids which gave us a delightful glimpse of many of our dear Utah friends and neighbors. Our Nancy, incidentally, is Chairman of the By-Laws Committee for WAL this year. They have got Some Kinda Group in Utah! Also the Notice is out on the AIA/PC Spring Party which is scheduled for Friday, March 5 at Maxfield's Theatre Restaurant. This "something different" will include not only the usual libations and good food, but "Fanny Girl"—an old fashioned musical comedy with olio. This has just got to be a "blast"!

**P. C. Contribution**

The Intermountain (Salt Lake City) Chapter of Producers' Council has made a significant contribution to architectural education.

Nancy writes: "The latest happening in P. C. is the installation of a library in the Department of Architecture at the University of Utah, along with a display room. This is a magnificent contribution to the students and will be so helpful in their training to have product information immediately available and current." PC-ers, please accept Symposia laurels for this fine endeavor!
The American Institute of Landscape Architects Plans

“A BETTER PLACE”

On January 27-30, the American Institute of Landscape Architects held their international conference in Dallas, Texas with the theme—“A Better Place” keynoted by Mr. Gene Horton, President of the Earth Awareness Foundation, at the banquet on Friday, January 29th. Mr. Horton is the former manager of the NASA educational program and was quite involved with the Institute resulting in Paul Saito, Los Angeles, becoming the new international representative who will sit on the Board of Directors of the Institute.

Elevated from Executive Director to Executive Vice President was F. J. MacDonald, Phoenix, Arizona. Dinner on Thursday evening was in the “new Texas style” at the “Club Village.”

“A Design Process” was the title of the outstanding program presented on Friday morning. It entailed “audience involvement” and kept the rapt attention of the members for three hours during a unique project competition. The problem, the design of a small park, was sent to member firms in Texas, California and Montreal. Each firm designed the project to fit its local area, then presented the solution at the meeting. After a lively discussion, a student team from Louisiana State University then developed an extemporaneous solution before the group.

The program was so successful that A.I.L.A. will start immediately screening worthy projects for next year’s competition. The project will be presented with the winning drawings at the January 1972 Convention. Winners of this year’s competition were: First award—Courtland Paul/Arthur Begg & Associates, Pasadena, California; second award, Naud Bennett Associates, Inc., Dallas, Texas; and third award, Parkway Planning Associates Ltd., Montreal, Quebec.

It was announced that the American Institute of Landscape Architects would award a $1,000 scholarship to Louisiana State University.

As a result of this year’s convention, student chapters across the country will elect an international representative who will sit on the Board of Directors of the Institute.

On Friday afternoon two prominent professionals were on hand to discuss two different phases of the environment. Mr. F. J. MacDonald of Phoenix, Arizona (Symposia’s Contributing Editor on Landscape), the Executive Vice President of the American Institute of Landscape Architects, presented a slide show on “Environmental Planning for Electric Transmission Systems.” (Symposia is pleased to announce that an article on this subject authored by Mr. Mac will appear in an upcoming issue of the publication.)

The Director of L.S.U.’s School of Environmental Design, Gerald J. McLindon, presented the challenge to all in dealing with environmental problems. Dean McLindon is a native of Bathgate, Scotland. He holds a Bachelor of Architecture and a diploma in Civic Design from the University of Liverpool, England, a diploma in college teaching from Harvard University and Radcliffe College, and a Master of Landscape Architecture degree from Harvard. McLindon also has served as Director of the Market Street Development project in San Francisco, and as Director of the Metropolitan Planning Commission in Little Rock, Arkansas.

Some of the extra-specials at the 14th Annual Conference included “Breakfast at Brennans,” a Bus Tour sponsored by Dallas Landscape Architects, Luncheon and Fashion Show for the Ladies in the Zodiac Room at Neiman-Marcus, and a post convention tour of Mexico City.

Founded in 1952, the American Institute of Landscape Architects is devoted to the aesthetic design and beautification of exterior space, with the objective of achieving a pleasing and functional environment for the benefit and enjoyment of all mankind. These Landscape Architects are dedicated to the advancement and skill in the art of landscape architecture, as an instrument of service in the public welfare, and the promotion of good professional practice.

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Again in 1971—on March 3-4 to be exact, the members of CEC and AIA from around the nation will assemble in Washington, D.C. for their Annual Public Affairs Conference. One of the most important meetings of the year!

Here’s news to curl your corners—Albuquerque topped $100 million in construction volume in 1970. Prognosticators in the “land of enchantment” are predicting an even bigger 1971!

In Denver—Dr. Fazlur R. Khan, Chief Structural Engineer and Partner, Skidmore, Owings and Merrill. Dr. Khan was the principal speaker at the American Institute of Steel Construction breakfast held on January 29.

Tucson’s Women in Construction glowingly report that Dean Sidney Little and his charmin’ Kitty were guests at the February meeting. The good Dean was the principal Speaker—topic “Ecology”—complete with film.

In Nampa, Idaho—a new professional association for the practice of architecture—meet the new firm of Keys, Olson and Ensley, 812 C 12th Avenue South. Bon Voyage, gentlemen!

Calvin Straub, FAIA, of Phoenix, Arizona has been appointed WMR Representative on the newly organized Human Resources Council. He attended the Council’s first meeting in Omaha on February 27.

Passed by the City of Beaverton, Oregon: An Architectural Design Ordinance creating a Design Review Committee and setting standards for community excellence. Congratulations!

On March 9th, a joint meeting of Albuquerque Chapters of the A.I.A. and C.S.I. will hear from Forrest Wilson, Editor of Progressive Architecture.

By vote of the membership, the 1972 Grassroots Conference/AIA will be held in Phoenix . . . a pretty good place to be in the cold and snowy wintertime.

Next time you are in Santa Fe, be sure to stop at Galeria Casas Viejas, 1579 Canyon Road. It’s an opportunity to see the beautiful water colors and prints of Southwest scenes and structures done by our most talented friend, Foster Hyatt.

Honored! Art Maxwell of Salt Lake City, immediate past president of CEC/US has received an award noting his five years of service as a trustee of the CEC Life-Medical Insurance Plan.

The New Mexico Building Branch of the A.G.C. held their February meeting in Clovis.

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Symploa/March, 1971 Page 35
spring housecleaning?
Barry William Kirschner, Librarian of the Art and Architecture Library at the University of Colorado Libraries, Boulder, Colorado — 80302 — has made the following request of Symposia. . . And we quote:

"Gaps in our holdings of several major architectural publications such as: "Architectural Record," "Progressive Architecture," and "Architectural and Engineering News" prompt the request that you publish — perhaps in the Last Word section of Symposia a request for backfiles of these periodicals from area subscribers planning to dispose of them."

Mr. K. refers to the above as major publications . . . and indeed, they are! — however, we would appreciate any Symposia readers who contribute to the "cause" to mention "Zsa Zsa sent you" if only to prove that PFC's do serve a purpose in the industry.

Jim Barr of Symposia (AND Weyerhaeuser) has been appointed to complete Roy Bettesworth's term on the Board of Directors of W.O.O.D., Inc.

The Arizona Chapter of P.C. had a great meeting on February 17. An informational get together sponsored by Georgia-Pacific, the guest speaker was Ed Kimball, a national PC Board member and past president.

With Women in Construction the big word is BOSS, and these gentlemen will be honored throughout the area . . . in Denver on February 17th—in Phoenix, March 6 and in Tucson on March 15th. The Salt Lake City WICs have not yet set a date for their annual salute to the Boss.

The Rocky Mountain Section of the Illuminating Engineering Society celebrated Ladies Night on January 28th at Denver's Golden Ox Restaurant. The program included the film . . . "Lighting Today in Japan."

Starring on the over-done Roast Beef and Green Bean Circuit in Colorado—former Governor of New Mexico, Jack W. Campbell currently President of The Federation of Rocky Mountain States. On February 5, he was the principal speaker at the 18th Annual Club 20 meeting in Grand Junction—on the 12th, at the CSI Region 10 Conference in Colorado Springs. Bon appetit, Governor.

The Gold Medal, highest honor bestowed by the A.I.A.—will be awarded Louis I. Kahn, FAIA, Philadelphia architect and educator at the national convention in Detroit, June 20-24.

The Nevada Chapter of the Associated General Contractors presented 1,600 Washoe County Sophomores with a real treat on February 5. The students were AGC Guests at a special concert of the Johnny Mann Singers. A great show—"So Proudly We Hail."

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