Where can you get the best power systems engineering, installation and service?

At McCoy, because we care!

Next time you’re confronted with a power systems problem, call on McCoy’s Engine Center personnel. They’re experienced specialists who understand power and its application. They are backed with the finest facilities, the tools and the Caterpillar technical data to assure you power systems correctly engineered to meet any requirement. It may involve a Total Energy System that supplies full time power needs on site. Or a Caterpillar Standby Power Unit that takes over when outside power fails. For help with either new power or repowering of existing systems, use McCoy’s Total Service Engine Center. It’s designed to meet your needs and those of your clients. Professionally. Capably.

... because at McCoy, we care!

McCoy CO.
Caterpillar in Colorado | 6000 Dahlia | Commerce City, Colo. 288-2621
Durango | Grand Junction | Pueblo
Caterpillar, Cat and Travelelelor are Registered Trademarks of Caterpillar Tractor Co.
# THIS MONTH

<table>
<thead>
<tr>
<th>Building Blocks</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Last Word</td>
<td>8</td>
</tr>
<tr>
<td>A.G.C. Scholarships</td>
<td>10</td>
</tr>
<tr>
<td>A Symposia Salute to Orley O. Phillips</td>
<td>15</td>
</tr>
<tr>
<td>In September — Santa Fe by: Bradley P. Kidder, FAIA</td>
<td>16</td>
</tr>
<tr>
<td>Joe Boehning, AIA</td>
<td></td>
</tr>
<tr>
<td>And That's How It Was in Old Tucson being a Summary of the 19th Annual Conference Western Mountain Region/A.I.A.</td>
<td>19</td>
</tr>
<tr>
<td>Honor Awards Portfolio — Part I</td>
<td>23</td>
</tr>
<tr>
<td>Sea, Sand and Sun/Hawaii Seven — O as summarized by: Robert L. Hamill, Jr., AIA H.P. “Hap” Saabye, AIA</td>
<td>27</td>
</tr>
<tr>
<td>Around the Region</td>
<td>31</td>
</tr>
<tr>
<td>An Innovation</td>
<td>35</td>
</tr>
<tr>
<td>Breakfast with the Bunch</td>
<td>35</td>
</tr>
<tr>
<td>In Sympathy</td>
<td>35</td>
</tr>
<tr>
<td>They've Done It Again . . . and again . . . and again!</td>
<td>36</td>
</tr>
<tr>
<td>Up — Up with People</td>
<td>37</td>
</tr>
<tr>
<td>Are You Old Enough to Remember?</td>
<td>38</td>
</tr>
<tr>
<td>New Boundaries/CSI</td>
<td>38</td>
</tr>
</tbody>
</table>

**Publisher:** Fletcher B. Trunk  
**Editor:** Elizabeth W. Trunk  
**Art Direction:** Bob Hesdorfer  
**Photography:** Rush McCoy  
**Circulation:** Florence Morrison

---

**EDITORIAL ADVISORY BOARD**

**arizona**
- Warren Edminster, AIA/CSI
- Sidney W. Little, FAIA

**colorado**
- James Barr, CSI
- Don Decker, ABC
- W. Patrick Dulaney, AIA
- Thomas W. Keeton, Jr., CSI/PC
- F. Lamar Kelsey, FAIA
- E. Vernon Konkel, CEC
- Bernard P. McMenany, CSI-ASHRAE
- R. James Noone, CSI
- Maxwell L. Saul, FCSI/AIA

**idaho**
- Robert L. Hamill, Jr., AIA
- John L. Hoffmann, CEI

**montana**
- A. Calvin Holland, AIA

**nevada**
- Edward S. Parsons, AIA
- Walter F. Zick, AIA

**new mexico**
- Bradley P. Kidder, FAIA
- Joe Boehning, AIA
- Robert Schmidt, FASCE-CSI
- James R. Cushing, CSI

**oregon**
- Robert Wilmsen, FAIA

**utah**
- Ashley Carpenter, AIA
- Nancy Carpenter
- WAL/NAWIC
- Elden V. Talbot, CSI/AIA

**wyoming**
- Gerald Deines, AIA
- N. A. Nelson, AGC

**CONTRIBUTING EDITORS:**
- Landscape: F. J. MacDonald, AILA/CSI Arizona
- Urban Affairs: Ronn Ginn, AIA/AIP/CSI New Mexico, Florida
Western architects designing buildings for dirty cities, areas where dusty winds blow free or where snow and rain streak facades should take a good look at “washable” buildings—structures faced with Formica® brand E V 61 Vertical Exterior Laminate. It is new—it is exciting—it is available only in the West! Tested for 8½ years under the most stringent outdoor conditions, “new chemistry” has endowed this product with such characteristics as non-fading, resistance to severe air pollution, checking, cracking, crazing or delamination for the life of the building! and—it may be washed down with the same solution used for window cleaning to maintain its pristine beauty.

Washing a building may seem a little like washing an elephant, but elephants never come in such a variety of colors and patterns.

There are Woodgrains... Teak, Maryland Oak, Distressed English Oak, Williamsburg, Spanish and Federal Oak and Book Matched Walnut. And Colors!... Moorish Red, Bisque Beige, Black and White and solid colors coordinated and color-keyed to patterns like Sienna Travertine. Plus—special designs can be created from the standard collection or special designs can be developed to satisfy a particular requirement. That is known as “design freedom”.

Formica’s Exterior Laminate is now being manufactured and stocked in three standard sizes: 3’ x 7’, 4’ x 8’, 4’ x 10’. On order, you may have 3’ width in 8’, 9’, 10’ and 12’ lengths and 4’ width in 9’ and 12’ lengths. If 5’ width is required, this size could be available also.

Authorized door and panel manufacturers have been appointed throughout the West after rigorous testing of their capabilities. At least one authorized manufacturer is located in every major Western city. If you do not know the name of the manufacturer in your area—contact your nearest Formica Sales office.

Tested and approved by Pittsburgh Testing Company, Southwest Research and the American Plywood Association... Formica® brand E V 61 Vertical Exterior Laminate is truly a new medium for exterior building design.

Want to wash a building—it’s easy! But—only in the West!
WE CAN LAMINATE!

Formica's NEW EXTERIOR LAMINATES
U. S. Plywood's GLASWELD
Verticel's HONEYCOMB or Any Core

For Doors — Spandrel Panels
Clean-Room Walls
Use Your Imagination!

butler fixture & mfg. co.
2323 SOUTH LIPAN STREET
DENVER, COLORADO 80223
(303) 935-4623
Elected: Treasurer of the National Association of Women In Construction at the Annual Convention in San Antonio . . Marie Oeltjen of Colorado Springs. Congratulations to Marie—a great gal!

In 1971, it's Dallas! The American Institute of Landscape Architects have set Dallas as the site for their Annual Convention on January 28, 29 and 30. The gentlemen in charge—Naud Burnett II and Texas Southwest Chapter President, Al David.

President Tom Moreland (Willamette Valley Chapter/C.S.I.) has appointed Ron Eakin to complete Terry John's one-year term on the Board of Directors.

The October first Board Meeting of the Colorado Society of Architects was held in the offices of Director Robert A. Van Deusen in Grand Junction. On hand, John Anderson, Max Saul, Hobart Wagener, Ed White, Jr. and Executive Secretary, Barbara L. Light.

Bradbury and Stamm Construction Company of Albuquerque is the apparent low bidder on the project for Lenkurt Electric, a division of General Telephone and Telegraph in that city. The bid: $3,436,451—a nice, big one!
"Grass Roots—West" is now scheduled for Salt Lake City. The dates . . January 17-19. Always a most important meeting!

CEC/Colorado has nominated William Clevenger to be Vice President of the Consulting Engineers Council/US. Mr. C. is a past president of the Colorado Council and very active in CEC affairs for many years.

Honored! Willard C. Nelson, AIA, of Provo by the Utah State Examining Board (Prez: Ashley Carpenter)—a Certificate of Appreciation for his many efforts as a Board Member—1962-1970.

Allen L. Keesen has been asked to serve as International Director of the American Institute of Architects until election time in January. Allen spearheaded organization of the newly formed Rocky Mountain Chapter.

Appointed—to the Executive Committee of the Hydraulics Division of the American Society of Civil Engineers . . Kenneth R. Wright (Wright-McLaughlin Engineers) of Denver. Ken is past-president of the Consulting Engineers Council/Colorado.

Low net score at the Annual PC/AIA Golf Tournament—Hyland Hills—was turned in by Denver architect, Bill Muchow, FAIA. As always, this was a great gathering!

Lloyd Weaver, Senior Plumbing Inspector for the City of Phoenix, was the principal speaker at the September 11th meeting of the Arizona Society for Hospital Engineers.

Max Saul, our "som kinda fella," was in Washington, D. C. early in October for a meeting of the National Nominating Committee/CSI. (Dat mene Cement Shoos, Inc, don' it?)

---

**NORTH SIDE WATER TREATMENT PLANT**

Westminster, Colorado

**Consulting Engineer:**
Henningson, Durham & Richardson
Denver, Colorado

**Contractor:**
Penner Construction Company
Lakewood, Colorado

**Concrete Supplier:**
Herbertson Sand & Gravel Company
Englewood, Colorado

PDA Water Reducing — Set Controlling Admixture for Concrete was specified and used in all cast-in-place concrete. PDA assured the engineer and contractor they were giving the owner dense, high strength concrete throughout the plant. It was imperative the concrete be consistent throughout the large pours for the underground holding ponds to satisfy the rigid demands of the engineer.

You, too, can achieve the same high standards in your concrete by specifying and using PDA.

Contact your Protex Representative for assistance.

---

1331 West Evans Avenue
Denver, Colorado 80223

**Symposia/November, 1970**
**Page 9**
Happy Birthday to the Portland Oregon Chapter of the Construction Specifications Institute. They celebrated at a September 28th Banquet in the Roaring Twenties Room of the Hoyt Hotel.

Hawaii's Governor has signed the bill providing registration for landscape architects. Two landscape architects will be appointed to the current Board governing the practice of engineering, architecture and land surveying in the Aloha State. This brings to twenty the number of states requiring registration for Landscape Architects.

She did it again! Yes, our Nancy Carpenter has again been named "WIC of the Year" by Chapter 90 in Salt Lake City. It's the second time around for this personality kid! A well deserved honor!

Even the natives are happy about the unraveling of the "Mystic Maze"—that weird collection of intricate turns just south of Colorado Springs on the highway to Canon City. They say it may even reduce pollution levels—a worthy goal!

A.G.C. SCHOLARSHIPS

The Second Annual Construction Scholarship Program has been announced by the AGC Education and Research Foundation to aid high school and college students in pursuing careers in construction through a college program in construction or civil engineering.

Five scholarships ranging up to $4,000 will be awarded in March at the Annual Convention of the Associated General Contractors of America in San Diego. The scholarships will be for $1,000.00 per year and will be renewable each year for a maximum of four years of undergraduate study providing the recipient maintains adequate grades and is employed during the summers in some aspect of the construction industry.

Awards will be based on written applications, indicating the applicant's interest in a career in construction, financial need, scholastic qualifications and extracurricular activities. Applicants will be selected by the AGC Education and Research Foundation's Board of Directors.

Applications may be obtained from your local A.G.C. Office or from the A.G.C. Education and Research Foundation, 1957 E Street, N.W., Washington, D.C. 20006. The deadline for the receipt of applications is December 1, 1970.

In last year's program, the Foundation awarded scholarships to three high school seniors, a college freshman and two college sophomores. These winners were selected from 135 applications from 33 states.

WE SUPPORT Your Specifications With:

- Ten Rocky Mountain Stocking Distributors
- Take-off and Estimating Service
- Engineering Service
- Job-Site Assistance
- Custom Fabrication
- Installation Service

UNISTRUT WESTERN INC.
601 S. Jason St. 733-5535
Denver, Colorado

- Space Frame
- Metal Framing and Accessories
- Movable Interior Partitions
- Tubing Sign Support Systems
- Telescoping Tubing, Solid and Perforated
- Tray System for Power and Control Distribution
PELLA CLAD WINDOWS

Low maintenance wood windows that have aluminum exteriors with baked-on factory finishes!
PELLA CLAD Construction

Durability, plus! Choice of colors, too!

Aluminum to the Weather!
There's finished aluminum on every weather surface. Baked-on acrylic color coating provides a handsome, durable factory finish.

Unique Weatherstripping!
Vinyl weatherstripping at head, check and bottom rails... plus a combination of polypropylene pile and vinyl at the side stiles... keeps out cold and heat.

Double Glazing Panels!
Aluminum-framed panels stay in place all year. Insulating glass is available.

Designed for Installation from the Inside—Inside glazing, too!
Glass rests in bed of butyl mastic. Removable inside wood glass stops allow glazing or reglazing from room side.

Wonders of Wood Inside!
Interior frame and sash members are wood... for warmth and beauty. Can be painted to match any color scheme or finished naturally. And, wood's natural insulating qualities minimize condensation.

PELLA Clad Windows combine tested materials, quality and craftsmanship to set high standards in both appearance and performance.

PELLA Clad Windows have spring-loaded high-impact vinyl jamb liners that permit pivoting for cleaning glass from inside. Color-matched aluminum outside screens are removable from inside, too. Removable muntin bars come in regular, diamond or horizontal patterns. Exclusive PELLA Slimshades® are also available for light and sun control.

PELLA CLAD Styles

PELLA Clad Windows are available in the Contemporary and Traditional Styles shown to meet a wide variety of design applications. Fixed units that pivot for washing are also available. These windows exceed commercial standards and FHA specifications for air and water infiltration.

Ideal Replacement Windows
Matching snap-on frame extenders and filler panels fit the window to the opening, making the PELLA Clad Window an economical, weathertight replacement unit.
Ten designer-blend colors, plus white, in a high-temperature baked acrylic polymer coating. Decades of use on other exterior building surfaces have proven the weathering qualities of these finishes.

Many other colors available on special order.
PELLA CLAD Features

Quick Pivot Sash
Maintenance can be handled quickly and easily... and all from inside. Movable sash are counter-balanced with concealed, pulley-block type extension spring balances for easy operation. Spring-loaded vinyl jambs permit sash to pivot for washing and allow sash removal.

Removable Muntin Bars
Snap in and out for easy cleaning. Available in ventilating and fixed pivot units of Traditional Series. Regular, horizontal or diamond patterns.

Control Light and Sun with Slimshades®
This exclusive PELLA feature fits neatly between double glazing panels and outside glass. Offers variation in light control from full open to full closed. Keeps summer heat out and reduces winter heat loss for the most economical comfort control.

PELLA Clad Detail
File Set Available
Complete set shows sizes, details for head, jamb and sill sections, unit dimensions, etc., available free upon request from your PELLA distributor.

Rolscreen Company, Pella, Iowa 50219
PELLA MAKES CLAD WINDOWS, WOOD WINDOWS, WOOD FOLDING DOORS & PARTITIONS AND WOOD SLIDING GLASS DOORS

PELMA MAKES CLAD WINDOWS, WOOD WINDOWS, WOOD FOLDING DOORS & PARTITIONS AND WOOD SLIDING GLASS DOORS

Pella Products of Colorado, Inc.
4500 Grape Street (303) 388-0888
Denver, Colorado 80216

Pella Products Company of New Mexico
211 Sierra, S.E. (505) 768-4042
Albuquerque, New Mexico 87108

The Baker-Thomas Company
300 South 12th Street (402) 254-5503
Phoenix, Arizona 85034

Joel P. Paulson & Company
963 E. 33rd, South (801) 466-1074
Salt Lake City, Utah 84108

Yuhas Millwork Company
2501 Hauser Boulevard (406) 442-4707
Helena, Montana 59601

The Rex Robertson Company
1240 Burlington Avenue (307) 234-0641
Casper, Wyoming 82601

Printed in U.S.A.
On October 21 in the Georgian Room of the New York Statler-Hilton, the American Society of Civil Engineers presented its top award to Colorado engineer Orley O. Phillips. This 1970 Edmund Friedman Professional Recognition Award is more than merited by Mr. Phillips, who has had a long and distinguished career not only as an engineer, but as a man devoted to his profession and his community.

President of the consulting engineering firm of Phillips-Carter-Reister and Associates, Inc., Mr. Phillips just this past May received a Distinguished Engineering Alumnus Award from the Engineering Development Council of the Colorado University College of Engineering—a group of which he is a long-time member and former chairman.

Orley Phillips is a leader indeed—he has been president of Consulting Engineers Council/Colorado, the Colorado Chapters of the Professional Engineers and ASCE. He has been director and vice president of CEC/US, president of the Colorado Engineering Council, and is, at present, the Chairman of the Colorado State Board of Registration for Professional Engineers and Land Surveyors. Currently serving on the CEC/Colorado Board of Directors, Mr. Phillips has also been chairman of the City and County of Denver's Board of Appeals and has been both Chairman and member of the Building Code Advisory Committee for sixteen years.

Orley Phillips’ many friends and colleagues, we know, will join us in firing this November’s “Symposia Salute” to a grand guy and a fine engineer!
In September—Santa Fe

Being a summary of the meeting
New Mexico Society of Architects

by: Bradley P. Kidder, FAIA
Joe Boehning, AIA

Both our Symposia Board members were elated with the State meeting held September 25-26. Joe called it “the best state meeting I have ever attended.” This article is a blend of the two reports received by Symposia—and edited only insofar as necessary to obviate repetition.

Statistically, this meeting was a great success. Businesswise, we have never accomplished more . . . socially, it was outstanding. Members of the NCARB and WCARB members who were holding their Board meeting concurrently were delighted with their reception both from old acquaintances, renewed, new ones made and convivial congeniality all around. Everyone enjoyed the snappy Fall weather provided by Santa Fe’s always cooperative weatherman.

There were six delegates from the Southern Chapter, thirteen from Albuquerque, and as hosts, the Santa Fe Chapter turned out fourteen—better than twenty per cent of the State membership. Four Fellows were in attendance, plus Regional Director-Elect Max Flatow, FAIA, and all but one of the ten State officers. It was the best we have ever had. Everyone was delighted with the turnout and John McHugh as Conference Chairman was congratulated many times over.

We conducted some important business . . . the session was scheduled for an hour and a half Friday morning, but we had to re-convene again Friday afternoon and again on Saturday morning. The discussion was lively and positive! Items on the agenda included:

1. Heard, reviewed, modified and approved a speech to be given by New Mexico Society President Boehning before School Planning panels around the State. (See “Around the Region.”)
2. Discussed the Friends of the University Architectural Department at the University of New Mexico—voted to increase our support to at least $3,000.
3. Discussed the NMSA Fee Schedule and its application, and the Pueblo Indians Solicitation of Architectural Services on the basis of fee. Letters have gone out, but Indians agreed to consider award on the basis of merit, etc.
4. Discussed U.S. Department of Defense proposal for trial run on the basis of Design and Fee (similar to Indians’ proposal). Voted to bring this to the Regional Conference with opposition noted.
5. Perhaps the most important item of business was our discussion about the new approach to licensing NCARB, and how it does or does not fit in with the present and future curricula in architectural schools. The proposed new exam will do away with the 4-day, 36-hour technical exam, and replace it with a 1-day, multiple choice, machine graded exam. The proposed new exam will not deal with the technical aspects of architecture, but will be based upon tactics. The new NCARB exam will be based upon the premise that the architectural graduate will be thoroughly trained in the technology of architectural practice while doing his undergraduate work. The graduates from a six-year architectural program may take the exam immediately without any experience in an architect’s office.

The information we have from Don Schiegel and other educators is that architectural schools are teaching students more about the tactics and less
about the technology of architecture. Our question is—if the exam and education are heading toward licensing architects as tacticians, and not as technicians also, how do the licensing laws protect the public from the registered architect who does not know how to design a building that is efficient, economical, safe, etc.

A committee of the New Mexico Society discussed this with the NCARB Board of Directors who were also meeting in Santa Fe. This committee did not receive a satisfactory answer from NCARB, so we hope to get the subject on the WMR agenda in Tucson. You can learn more about it at that time. Our committee has been made a permanent committee to follow through on this subject.


There were sixty-seven on hand for the luncheon on Friday which included an excellent meal and a delightful talk by Dr. G. B. Harrison, a Shakespearian scholar and "veddy" English. He spoke on the vagaries of owning— and designing—an English Country House, with witty comment on the eccentricities of "Cessie"—the English cesspool, and its unpredictable habits.

In the afternoon, Bill Geddis (President of NCARB) gave a most informative, illustrated talk. One of the men charged with the responsibility (The Architects Collaborative) of designing the new Headquarters Building for the A.I.A., he not only discussed all phases in the design, but showed several slides to indicate how the entire block might be developed. It promises to be a building the architects can all be proud of—for a long time!

In the evening ninety-three were present for cocktails and a banquet. This was hosted by Summit Brick Company, Kenney Brick Company and the Structural Clay Products Institute. The very personable Don Wakefield from Denver was the Master of Ceremonies.

We also had full reports on the AIA National Convention from Boehning, McHugh, and Flatow. Consensus of opinion is that we cannot afford NOT to be involved. We have too much at stake in the outcome of the business session and should be better represented.

A "little something extra" was the fine exhibit of Art Work—Hobby Paintings from Hyatt, McHugh, Luna and Walker. They were hung in the main meeting rooms of the New Mexico Society and the NCARB for all to view and enjoy. Several of these are worthy of any Fine Arts Exhibit.
For Environmental Control—Oven West Corporation, La Luz Complex, Albuquerque.

With tongue in cheek and a hot fire in the broiler . . . the following FOLLIES AWARDS were made:

To: The Atchison, Topeka and Santa Fe Railroad for Historical Preservation
For the Demolition of the Alvarado Hotel, Albuquerque

The Santa Fe Urban Renewal Board — for Urban Renewal of The Santa Fe River Park

To McHugh and Kidder for the Santa Fe Opera Pavilion and to the Opera Association of New Mexico as Owners.

To Merle Clark—
For Outstanding Architectural Service to the State as Head of the New Mexico Planning Office.

These awards were presented by Ernestine Evans, Secretary of State for New Mexico.

N.M.S.A. Honor Awards
To: Ferguson, Stevens, Mallory and Pearl
The Mountain Bell Telephone Exchange, Los Alamos

Flatow, Moore, Fairburn & Bryan
Addition to the Biology Building/University of New Mexico.

John Reed
San Pedro Branch Library/Albuquerque

To: Riley and Pearl
For improvement in Planning and Restoration — “Planning Framework for Revitalization of Tajique, Torreon, Manzano and Puenta del Agua.

To: Anthony Predock

NOW YOU CAN HAVE PRECAST WALLS DELIVERED TO THE JOB COMPLETE WITH WINDOWS
NEW FULL 2” DEEP ALUMINUM SECTIONS FIT PERFECTLY IN PRECAST WALLS

- Save Installation Time
- Weather Tight Fit
- Vent Can Be Installed Later
- Manufactured To Your Specifications For Precast and Prestressed Walls

Colorado Metal Products Corporation
450 Kalamath Street
Denver, Colorado 80204

Page 18 Symposia/November, 1970
Warren Edminster's sketch shows the Mission in "Old Tucson" built as a replica of the "Old Adobe" as it was in the mid-1800's. Many movies and films are shot in this present day amusement center.

and that's the way it was in Old Tucson!

(Akin to a good Marguerita, the Nineteenth Conference of the Western Mountain Region of the American Institute of Architects was a skillful blend of exciting ingredients. Fred Jobusch and Company of Tucson, Arizona, "put it all together" with consummate skill and light hearted artistry. It brought together some two hundred and thirty participants for in-depth exploration of the professional's problems—garnished with music and laughter and topped with a fine Awards Program. The Westward Look, newly face-lifted by the Tucson firm of Cain, Nelson, Wares, Cook and Associates, is located north of the city in a suculent desert environment and complete with every amenity ... up to and including a warm (hot?) whirlpool situated right next to the pool itself ... and in the beautifully appointed rooms on the perimeter the proper number of welcome Hospitality Rooms. It was something of an experience to look out in the early morning hours to discover a covey of quail, a cottontail and a road runner enjoying a group session just window. The Western Mountain Region's architects will long remember the relaxed atmosphere of this 1970 conference, the warm welcome accorded them by their hosts—the Tucson Chapter, and four carefree days of fun in the sun.)

the events

(In order of their appearance)

Originally scheduled, the Project Management Workshop to be presented by Booz, Allen and Hamilton of New York City October 12-14 was cancelled because of an insufficient number of interested participants.

Biertstube Oktoberfest

Gut Essen Genen ... held pool-side and sponsored by the Kohler Company.

This was the time, indeed, when all the "good fellows got together"—when all the people who had not seen all the other people since the last WMR renewed acquaintances vociferously, and when new friends met old friends and versa vice. We would note particularly perky Nancy Cook in what her husband, Bill, termed "a combination of South American costumes," but bewitching all the same ... and a great, uniformed German Band which included many members of Tucson's "Fallen Arches." The bratwurst was succulent, the beer cold, the company—unparalleled. Many a brave soul was on hand for a late swim—few as brave as Pat Dulaney who jumped from "hot jacuzzi" to "cold pool." A shock, we would surmise, to one's little system. He survived. Stout fella!

"Your Office"

After a delightful "al fresco" Continental Breakfast sponsored by the Host Chapter—conferees gathered to be "officially" welcomed by Conference Chairman, Fred Jobusch and by Host Chapter President, Bob Maasen. The three part presentation was made by Fred Montmorency (Brazier, Montmorency, Hayes and Talbot) of Salt Lake City; George Marshall of PAR Technology, Inc., a division of Booz, Allen and Hamilton, Inc., Los Angeles and by Max Flatow, FAIA, (Flatow, Moore, Bryan and Fairburn) of Albuquerque. Fred's report dealt with his firm's actual experience with the PSSE Master-Spec Service—used, in part, on three projects. Their reaction, thus far, has been most favorable, and it is the BMHT firm's hope to utilize the service more fully in the future. Mr. Montmorency had for distribution additional material on MASTERSPEC—and we would urge architects interested to contact Production Systems for Architect and Engineers, Inc. at 343 South Dearborn Street, Suite 1709, Chicago, Illinois 60604 for full information on this subject which is much too lengthy, and complicated for summary in this article. Suffice it to say it is in use in the WMR—and successfully as reported—by Fred Montmorency.

"An Approach to Achieving Clerical Cost Reduction and Control" was the subject treated in the slide presentation given by Mr. George Marshall of the PAR Technology division of Booz, Allen and Hamilton. A cursory survey of AIA members in attendance indicated the techniques prescribed by PAR were not applicable to the practice of architecture in the Western Mountain Region. This is not to say they would not apply to some of architecture's "jolly green giants"—the WMR's "pea-pickers in the valley," however, do not employ sufficient clerical staff to make such extensive surveys practicable.

Incoming Regional Director, Max Flatow, FAIA, of Albuquerque was most helpful to the practitioner in sharing what might be termed some "trade secrets." In his usual
easy manner. Max told his colleagues of the production techniques which have been used successfully by his most successful firm. He spoke highly of “Showcase” which is a storage and retrieval system, and of the use of “drafting machines.” Both, he feels, will speed up the production of working drawings and specifications. Max urged architects to take a “good hard look” at design...projects which become bogged down in the drafting room or in the specifications area are all too often, he admonished, the result of a poor design concept. These are the projects, he stated, which we would like to go back “and design all over again.”

Luncheon—No. 1
It is always a pleasure to attend a luncheon—a banquet—or any meeting where Dean Sidney W. Little, FAIA, presides. He is a “charmer,” (only one step less in this department than his darling, Kitty, [No. 1 Charmer]). During the excellent luncheon, the Sunshine Kiwanis “Swingin’ Several” entertained—and not even the Hard Rockers could object to this effulgent group...Those of us over thirty (make that, forty) were enchanted by music without a message, but with a melody and a “beat” which we could understand. (i.e. Basin Street Blues).

Keynote Speaker for the Conference was George M. White, Cleveland, Vice President of the American Institute of Architects. Mr. White’s topic was “Proposals for a New Institute Structure.”

This topic so vital to every Institute member cannot be successfully treated in this brief article. Mr. White has graciously consented to cover the subject for Symposia in a December article.

Regional Development
Slides and Seminar
Participating: Earl Kai Chann, Moderator—Don Williams, Chairman, Regional Development and Natural Resources Committee/AIA; Ronn Ginn, Marvin Hatami, Bennie Gonzales, Paul Spreiregen, James Vettman, Gorine Luepke and Student Representative, Rick Emmons (ASU).

Don’s initial statement outlined the multiple opportunities available to the architectural professional in the area of Regional Development. He urged architects of the WMR to become a part of “master planning” participating as members of the “Friends of the Regional Development Committee” broadening their “grass roots” base...a concept which received a warm Western welcome from those in attendance. (Case in point: Victor Hornbein, FAIA, Dan Haveost, Blake Chambliss and Ye Ed from Colorado were all present at the Thursday a.m. session of this committee—indicating a real interest in Regional Development).

Paul Spreiregen of Washington, D. C. (Orig: Boston) made a particularly fine slide presentation—a scholarly delineation of regional planning in America from colonial times to the present...irrevocable proof that although the AIA Regional Development Committee is a mere “babe in arms” the concept is as old and honorable as Williamsburg, Virginia. This excellent slide presentation will be made available to Chapters throughout the US by the Octagon early in 1971.

Ronn Ginn who serves as Symposia’s Corresponding Editor on Urban Affairs brought the Regional Development idea into “home base.” As early as October, 1967, Mr. G. was writing in Symposia about the “Great Crescent of the Rockies.” In November, 1969, Symposia published much of Ronn’s message to the meeting in Tucson—the expansion of a new “megalopolis” extending from Wyoming in the north—through Denver and Salt Lake City (ahride the Continental Divide) to Albuquerque and El Paso in the south and northward to Tucson, Phoenix and Las Vegas. This monumental area for Regional Development, Ronn feels, offers the architect a leading role with each community seeking its own talent for professional assistance.

Through series of excellent slides and concise comment, Architect Marvin Hatami of Denver presented the problems faced by Regional Development in Colorado’s Frontier Range—an area extending roughly from Fort Collins in the north to Trinidad in the south. This land—nominally flat country—is centered upon the nucleus of the Denver Metropolitan region, approximately sixty miles in radius. Marvin stressed the importance of planning done now in the areas of mass transit, ecological and environmental studies. Only planning can preserve the potentials of this area. (We might suggest an immediate Task Force for all Front Range Cities on the topic of Air Pollution. The smog lies black and heavy against the flanks of those “big ones” to the West.)

Probing, intelligent questions and significant answers made the Seminar following the RDC presentation of real value to WMR Architects in attendance.

To the question of how the individual architect relates to Regional Development, Bennie Gonzales of Phoenix outlined his own firm’s increasing involvement in this area. The firm’s early experience with a 701 Planning Grant, Mr. Gonzales stated was not really innovative planning but rather a reinforcement of obsolete government regulations. It was also a financial failure—“We only lost $50,000, on a $45,000 grant.” The $2.00 per head allowance is not adequate in the West, an area of “skinny” population and large amounts of real estate. The lack of information on many topics has made it necessary for the Gonzales firm to create their own reconnaissance teams to conduct their own environmental studies. By providing knowledgeable input and solving problems in a logical way...
planning can be accomplished in a successful manner. At present, Gonzales is involved in planning projects in Washington, Sonora, Mexico and on the Navajo Reservation.

Jim Veltman stated that although resources will be different, ecological basics are the same. Planning must begin with the land defining sensitive areas in answer to the question of where to build and where not to build. A number of solutions were suggested for the control of land usage. Don Williams said that part of future change will be in this area, particularly in the West where a large percentage of land is still publicly owned and should remain that way. Gordon Luebke feels a massive program of research should be undertaken immediately to obtain the empirical evidence needed to control pollution and land use.

Paul Spreiregen stated we have been incredibly unimaginative in developing new ways of selling rural land. The old English system of "fee simple" is no longer valid. Land costs spiralling on the perimeter of urban centers is the reason for "leap frog" land development and sprawl. Americans should be offered a greater choice of environment and life styles. In summation, Don Williams reiterated the need for better information—in much planning, we are putting together poor facts and getting poor results. Until about thirty years ago perhaps, he said, we were simply amoral in regard to our environment because we might not have known what we were doing. This is not true at present or since World War II—our abuse of our environment and natural resources is now immoral because we do realize what we are doing. Our goal must be "a creative fit between man's social needs and the world he lives in."

Architects At Home
As always, one of the most enjoyable evenings provided at any Western Mountain Regional Conference. Without exception, every one next morning spoke of "a wonderful time," "delightful evening," "great people," "fine food" etc. The Symposia Team was privileged to be with Sid and Kitty Little in their lovely new home (Mrs. L. insists on calling it a "geriatric ghetto"). Suffice it to say, the flag flew, the hospitality was warm and the drinks cold. It was a memorable evening!

Environment and the Arts/I
"Art in Situation"
Muralist-Designer-Craftsman Charles Clement was the first speaker on Friday morning. A delightful and enthusiastic gentleman, he employed beautiful slides and rapid-fire commentary to introduce WMR architects to many facets of "art in architecture," particularly in educational facilities.

Mr. Clement's first series of slides, largely European, were produced with the help of a small grant from the Educational Facilities Laboratory. Examples of all types of art forms—sculpture, murals, fountains, benches, paving, even doors were shown in many schools abroad—most particularly Switzerland. In America, he said, art often has to be "smuggled in" to school facilities. Although the buildings are handsome architecturally, "they do not do much for the kids." Perhaps, Mr. Clement suggested, architects are too tall—there should be something exciting for children to experience at about four feet.

When Kansas University asked EFL for advice on a funded art project, Mr. Clement remarked he was the button they pushed. The generous gift to the University was for mosaic murals at the new auditorium; he told administrators, however, they would cost about $50.00 a square foot. "They keeled over at that." Besides, he told them, the building didn't need them. What did come about, however, was an exciting new art education concept—"Art in Situation."

Students from Fine Arts, Architecture and Crafts enrolled in an eight-week summer course (this has been done for two summers) which enabled them to develop campus projects from original schematics to completion. Mr. Clement assisted by three professors—Sculpture, Architecture and Landscape Architecture—worked with enthusiastic students on a number of campus projects which have given grey sandstone Kansas University a "new look." There are, Mr. C. related, no more green benches—they all have color. The playground (employed in connection with courses being taught) was a "plain, flat, dull nothing." Now, there is a huge tunneled sculpture, a hill, a sandy ravine with scattered driftwood, water—a very real delight completely unlike "playgrounds that look like something out of the Spanish Inquisition." Most ambitious of the projects was the 35-foot high by 75-foot long mural on the Agriculture Building. It caused, chuckled Mr. Clement, a real stir. Committees were formed—$300.00 was raised to have it painted out—$400.00 was pledged to put it back in case it was painted out—there was, he said, "a lot of interest." We cannot, of course, treat all the projects done on the KU campus—suffice it to say, the bouncy Mr. Charles Clement received what might be termed an ovation following his presentation.
Regional Development

"Future and Change"

Don Williams, practicing architect and Assistant Director of the Urban Studies Center at the University of Louisville, was the challenging second speaker on Friday morning. He began by stating that although historically the architect was a regional planner, his role in the future has not yet been staked out. In the 1930's—a unique era—architects worked within the framework of the National Resources Planning Board, the only significant attempt made in the field of planning the physical environment on a national scale. Embroiled since its inception in controversy—even tagged a "communist plot," the NRPB met its demise in the early 1940's. A reincarnation of this simple board today will not serve, Don said. There are no simple answers in today's complicated world.

Perhaps due to the "well-fed" years from World War II to 1969, the architect has built a box for himself. He must change his attitude about the past, the present, the future and the very nature of change itself. Although most education is based upon the past, this concept is in itself a disservice in a fast changing, post industrial society. The past cannot now tell us about the future. For about three hundred years, there has been an amazing continuity in trends...in other words, the past could be projected into the future. Mr. Williams now feels we are upon the edge of a chasm similar to the Industrial Revolution—a chasm into which most of the past fell. The foundations have shifted under our feet...we are standing on thin air. Man and his world must step across a great divide into a future where the systematic acquisition of knowledge will replace experience. We cannot presume that what was good enough for us will be good enough for our children..."the Depression and World War II are not really current events," and we cannot expect kids to understand them.

The nature of the role played in planning by the national government is in the process of change. Very soon, national government will define general objectives and national policy and operational procedures will be carried on at the regional and state level. A prototype for the future may be found in the Appalachian Regional Commission.

Certainly the architect has a real visual talent to bring to decision making, regional planning offers him a great opportunity. It is, perhaps, suggested Don, his social responsibility. The architect could find himself in the future filling the role of a managing coordinator of store-bought components insuring their safe and timely delivery to the site and signing a final check out list. "Active work in Regional Development," he concluded, "is certainly not the only means of expanding the opportunities and responsibilities of the architect, but it is one means where we can try to make some changes."

Luncheon — No. 2

The eminent anthropologist, Dr. Emil W. Haury, spoke at the luncheon on Friday. Through slides and commentary, he transported WMR architects back through time to visit the cultures of early man in the desert environment of the North American continent. His genial approach and quiet humor added much to his scholarly topic. Dr. Haury is former head of the Department of Anthropology at Arizona University and director of the justly acclaimed Arizona State Museum.

Viva Mexico!

Architects were categorized into two groups for the No-gales expedition—shoppers and non-shoppers. Shoppers, including most of the ladies who had just enjoyed a fabulous lunch (Filets—yet!) and fashion show at the Tucson Country Club hustled back to the Westward Look to catch "the early bus." Some came equipped with shopping bags (Pat Havecost led the field in this department)—all had that bargain hunters gleam in their eyes. We were fortunate in having our very own "Tour Guide"—Bill Cook, Tucsonian and President of the Arizona Society. The later busses did have one up on the shoppers...Margueritas. But then, you can't have everything! Lively "ranchero" music regaled foot-weary shoppers, and no so weary Marguerita-drinkers at the pre-dinner cocktail party and Lobster Thermador feast at El Restaurant La Caverna. It was just what the program promised..."Una Fiesta Grande!" It was surprisingly quiet on our bus back to Tucson except for an occasional snore as merry-makers headed home.

Annual Business Meeting

Presiding: Dean Sidney Little, FAIA

Just for the record, the 1970 business meeting of the Western Mountain Region had the largest attendance and was the longest in duration in something like nine years. Dean Little opened the session by expressing to Bill Cook and to Richard Morse (who served while Bill was in South America) the Region's appreciation for their fine work as Regional Secretary-Treasurer(s). Bill's financial report indicated a good margin in the black and Sid reported three Student Projects were now in "the works." The Las Vegas Chapter in 1969 established a fund for this purpose. At Dean Little's suggestion, a motion was passed to underwrite attendance of both Chapter Presidents and Presidents-Elect at the vitally important Grass Roots meeting to be held in January in Salt Lake City. The report of the Resolutions Committee was given by Chairman Van Dorn Hooker of Albuquerque. Other Committee members were Jim Christopher of Salt Lake City and John Delesanti of Phoenix. (Resolutions have been summarized—using the sense of the resolutions rather than exact wording.)

Resolution No. 1: Each member of the Western Mountain Region extends his thanks and stands in tribute to the leadership of Sidney W. Little, FAIA, as Regional Director. (They stood—they applauded—and they meant it!)

Resolution No. 2: Warmest thanks were accorded the Southern Arizona Chapter—President Robert Maesen and General Chairman Fred Jobusch for their warm hospitality during the 19th Conference of the Western Mountain Region. Passed unanimously.

Resolution No. 3: Condolence for the work done by the committees and staff of the American Institute of Archi-
Citizen. He began by pointing out the advertisements regarding pollution in a current issue of Scientific American, and then went on to illustrate through slides and commentary the facts of the matter. Nobody really cares very much...least of all those who are doing all the advertising. Although he stated initially he really wasn't talking to anyone over thirty, his somewhat elderly audience stubbornly remained and became enchanted. Mr. Shulman clearly demonstrated that he cannot only photograph buildings but uses his camera sensitively and beautifully on children, cats, people, and the landscape. Slide after slide underscored his commentary which, in essence, was really a plea for the use of imagination in our planning...and for immediate action in a full-scale war on the pollution of our environment. "All land should be planned"—"Nature ordains order—without order we are lost"—"The automobile is the greatest source of destruction in our society"—"We do not need a gas station on every corner"—"I plead with you to say—'Hey, we can do something about this'"—"Why shouldn't today's child deserve better?"—"Keep working—smile—be happy—let's go."

Following the tasty buffet luncheon served on the open terrace of the "Westward Look"—Julius Shulman "rapped" with the students, and interested professionals. This very gracious guy comes complete with built-in grin and a very real rapport with the young—and the young at heart. He also introduced us to a frightening fact sheet—a talk delivered by Eddie Albert (he's with that Gabor girl in "Green Acres") regarding the state of our environment. This should be on everybody's "must read" list. It will not only scare the hollouta you, but will certainly make you believe we damned well better get cracking on this problem or we won't be here to do anything about it.

THE AWARDS PROGRAM

THE JURY:
Frederick Montmorency, Chairman
Julius Shulman
Dean James W. Elmore, FAIA

Two Honor Awards and ten Merit Awards (two of them of a "Special Class") were selected from the 74 submittals from Western Mountain Region architects. The Jury spoke highly of the quality of all the projects in the Exhibit, but commented briefly on only a few.

honor award

OFFICE BUILDING Englewood, Colorado
Rogers/Nagel/Langhart, Inc., Architecture • Engineering Planning

Owner: Clyde G. Kissinger/Kissinger Petroleums, Ltd.
John B. Rogers, Partner-in-Charge
W. Arley Rinehart, Project Designer
Gary Merideth, Interior Design
E. Thomas Punshon, Structural Engineer; Kennon B. Stewart, Mechanical, and Electrical Consultant was Behrent Engineering.
General Contractor: Hayward Construction Company.

DESIGN PROBLEM
The design requirement requested the creation of a strong statement for the company's image while establishing a form that would express the individuality, growth and success of the firm, the architects were also asked to provide a stimulating and challenging environment to promote continued growth.
DESIGN SOLUTION

The structure provides space for the administrative headquarters of Kissinger Petroleums Ltd. Executive offices, accounting and secretarial staff areas comprise a majority of the 13,000 square feet.

The building was located to take advantage of its spacious site with a spectacular view of the front range of the Rocky Mountains.

The facility is a series of sculptured masonry units which penetrate into the interior spaces. The use of corbelled masonry window openings gives the desired control of view and sunlight into and out of the building. The individual executive offices are oriented towards the personalities of their occupants.

The sculptural masonry units along the entrance way not only enclose such utilitarian equipment as the gas meter, sprinkler system, mechanical air intake and outside equipment storage, but provide visitors the opportunity to become involved with the building forms on a more intimate scale before they enter the building. Because of this involvement, one continually recalls these forms outside in the land forms and again inside with the ceiling forms, sculptured brick wall and glass partitions. Varying heights of land forms create interesting vistas when approaching the building and form a partial visual screen for the parking area.

The Clyde Kissinger corporation is strong by the strength of its parts. One function of the concept was to link the individual departments to form a total sculpture expressing a singular strong corporation. The predominance of one material was used to give the individualities a sense of unity, dignity and harmony . . . creating, instead of monotony, an environment of vitality and variety.

Deep brown bricks with flush joints were used in the bearing wall construction, for both exterior and interior. Special shapes were ordered for the corbelled portions.

honor award

NATATORIUM/University of Utah—Salt Lake City
Robert A. Fowler Associated Architects—Salt Lake City
Owner: State of Utah
Consultants:
Briegers and Paxton, Mechanical
Bloomquist and Brown, Electrical
Hughes, Page and Associates, Structural
Bolt, Beranek and Newman, Acoustical
General Contractor; Jacobsen Construction Company, Inc.
Photography: Gordon Peery

Problem: A three swim-pool natatorium serving a University men's and women's sports and physical education as a single part of a large total complex of physical education and sports buildings.

Solution: Natatorium must provide for educational needs of all physical education classes without requiring separate locker areas, check out, outdoor travel to pool from other physical education buildings. Elevated spectator seating for 490 persons, with additional capacity around decks for swimming meets. Natatorium shall be entirely indoor space but “indoor-outdoor” feeling is desirable.

Solution: Natatorium is located centrally within quadrangle with sun-and-garden court on the south as focal point from within. The lower level of the Natatorium is connected on the three remaining sides by: (1) Men's physical education locker rooms, (2) Women's physical education locker rooms, and (3) Sports locker rooms, these are all at the level of the pool deck. To enter the pool.
Consultants:
Ketchum, Konkel, Barrett, Nickel & Austin, Structural
McFall and Konkel, Mechanical
Swanson-Rink & Associates, Electrical
Ward Bennett, New York City, Interiors
Photography: Rush J. McCoy

PROBLEM:
To develop a flexible prestige corporate image for the home office of an international financial organization with continuing organizational changes. Capitalize on site views to enhance employee satisfaction.

SOLUTION:
A flexible modular open floor plan with detached supporting core. Interconnect floors with sophisticated vertical communication system combining conveyor and record lift.

Semi-movable partitions throughout for flexibility with an appearance of permanence.

Large bronze glass areas heated and cooled through solar activated interior water conduction vertical louver operating in a closed system with water cooled fluorescent light fixtures. Solar activation to eliminate need for draperies. Use prestige materials—granite and bronze colored aluminum. Incorporate generous outdoor public spaces for community use.

merit award
RESIDENCE for the Architect—Nogales, Arizona
Edward L. Starr, AIA, Architect

PROBLEM:
To design a contemporary home for a young architect's family with two children on an extremely steep sloping site on a moderate budget. Build without disturbing the site and take best advantage of a northern exposure to a beautiful view of the distant mountains while also overlooking the lights of the community at night.

SOLUTION:
Greatest emphasis was given to the living area which was to be completely open for visual and oral communication between family members at all times, while sleeping areas were kept to a minimum since little of the family's time is spent there. With the future closing in of a lower level which is to be a multi-purpose space, the children will have that area to expand their activities to as they grow older.

All areas are open to the view with access to outdoor deck spaces by way of aluminum sliding doors, while at the same time the house is closed off for privacy to adjacent neighbors. Because of the terrain, a lightweight structure was designed of wood, Redwood being selected because of its greater ability to stand up to the weather changes in the higher altitudes, while at the same time offering low maintenance and termite resistance. This structure blends in well to its wooded, sloping site. The interior has much Redwood to give continuity and warmth, wall to wall carpet to give quiet and softness, plain white sheetrock walls to give contrast. The residence has refrigeration with a forced air, gas fired heating system, and due to the high insulative value of the wood and with the majority of glass exposed to the north upper deep overhangs, the operation of mechanical equipment is very successful.
merit award

TABLE MESA ELECTRONIC SERVICE SYSTEMS BUILDING, Boulder, Colorado
Elwood C. Grabow, AIA, Architect—Boulder, Colorado

Owner: Mountain Bell Telephone Company
Consultants:
Anderson and Hastings, Structural
Paul Koch and Associates, Mechanical
Behrent Engineering Company, Electrical
Dan Nels, Landscape Architect
General Contractor: Fischer Construction, Inc.
Photography: James H. Roberts

The irregular shaped site and the building location in relation to the surrounding area and a highway along one side led to the following basic concepts:

1. The building should be set on the site such that there is maximum use of the site for the building, its future horizontal expansion and landscaping. A park-like setting should be created by landscaping with large trees, shrubs, rocks which have varied colors and harmonize with the surroundings. Twelve 7" caliper hardwood trees and twenty 5" caliper pine trees are to be planted in the spring of 1971.

2. The equipment space is the heart of the building and is designated by its larger mass. All the other functions do not require the height needed in the equipment space and should work around the two non-growth sides of this space.

3. The exterior appearance should sympathize with the surrounding residential, religious and small professional buildings in the area. Therefore, the massing should be scaled down to relate to these buildings.

Exterior colors: Flush joint brownish-orange; bronze colored glass set in anodized bronze mullions; sandblasted concrete.

merit award

CONDOMINIUM, APARTMENT AND COMMERCIAL BUILDING—Vail/Lionshead, Colorado
Architect: Charles S. Sink & Associates

Associate in Charge: William Dilatush
Consultants:
Johnson, Voiland and Archuleta, Structural
Swanson-Rink and Associates, Mechanical-Electrical
Landscape Architect: Chris Moritz
General Contractor: Mershon and Gimeno
Photography: Daniel Ilko

Building consists of ski school and ski rental shop, underground parking and storage on lower level. Shops, bar and restaurant on ground floor level. Twenty-five condominium units on upper three floors varying from one to four bedrooms. All units have balconies and fireplaces. Some include loft bedrooms and private sundecks. An elevator provides service to parking area. Entire exterior is clear cedar paneling.

(Since the Jury comments were somewhat limited and general in nature, we have elected to use the architect’s own descriptive data in regard to the design problem and its solution. They are, perhaps, more germane to the interests of our professional readers. The large number of awards given has made it necessary for the balance of the winning buildings and architectural information to be published in the December issue.)
Sea, Sand & Sun
Hawaii Seven-O

(Symposia was extremely fortunate in having a “team” on the job at the 1970 Conference of the Northwest Region. More’s the pity, Ye Publisher and Ye Ed were unable to participate personally in this meeting held in Honolulu and graciously hosted by the Hawaii Chapter. Although some items are somewhat repetitious in the two reports we have received—they really only serve to emphasize the importance of the items. We have, of course, requisitioned new stars for the crowns of our correspondents—Robert L. Hamill, Jr., President of the Idaho Chapter/AIA, and a member of Symposia’s Editorial Advisory Board and H. P. “Hap” Saabye, Salem, President of the Oregon Council. Our sincerest appreciation to them both.)

Conference Summary
by: Robert L. Hamill, Jr./AIA

Carl Heiland’s famous quotation “Only madness, fits or a serious case of poverty should keep you away from the 19th Annual Regional Conference in Honolulu on October 7-9,” was certainly very appropriate.

The conference was a tremendous success and as stated in Jack Wright’s Symposia invitation was truly both entertaining and educational for the practitioners and their wives, thanks to the efforts of the Hawaii Chapter guided by Mr. Gordon Bradley, General Chairman, and Mr. Gerald Allison, Chapter President.

The story of the conference would not be complete without describing both the pre and post tours arranged for the mainland participants. The pre-tour group of ten landed at Hilo on the big island of Hawaii and were whisked over to the beautiful harbor of Hilo and the Naniloa Hotel. As if the rebuilding of the ocean front at Hilo with the beautiful parks and civic complex was a result of the 1960 tidal wave which forcefully cleared the waterfront, killing sixty-one persons in the process.

The pretour then continued around the south end of the island of Hawaii, visiting the active volcano of Kilauea, the black sand beaches, and on to Kailua and the beautifully detailed Kona Hilton Hotel done by Gerald Allison’s firm. The next day we flew over to the island of Maui for several days’ stay at the scenic Kaanapali beach area. It was here we got our first chance to try the surf and quite a bit of film got wasted trying to get a shot of the body surfing efforts of Willard Johnson and Bob Fehlberg of Montana. But as the bikinis started to appear, our lens efforts were directed to other things. We certainly enjoyed the “Sea, Sand, & Sun” at the Sheraton Maui Hotel, so much that none of us even took time to play the excellent golf courses for which the area is renowned. Unfortunately this frolic ended too soon and we had to head on to Honolulu and get to work.

Jack Wright conducted his usual efficient Executive Committee meeting on the first day of the conference. In addition to the President’s Reports of each of the 13 Chapters and two Councils, the delegates received the usual financial report, dues report, and advance reports of the forthcoming 1971 Conference by the Central Washington Chapter and the 1972 Conference by the Alaskan Chapter.

The Director’s report by Jack Wright covered the following matters:

The first item was a description of the 1971 projected budget of $2,840,500.00 by the Institute and a description of the programs possible after basic operating costs have been paid.

He described also, the current sales of the “Future of the Profession Report” of which only 500 have been sold to date. He urged those interested in obtaining a report to do so as soon as possible in order that the required 2,500 copies be published. He described the student scholar program in 1970 and termed it very successful. He announced the dates for the student forum in Berkeley being November 27th through 30th.

Included in his report was the current status of the new standard of Ethical Practice. The Board has approved the revised ethics for prompt publication to the membership. The Executive Board of the Institute agreed on two basic points of prime concern. The first is that practitioners cannot do general contracting without ownership of the project. This will be described further by President Allen of the AIA and a statement will be distributed...
from President Allen approximately the first of November. A committee report on research was distributed by Director Wright, which in essence stated the research policy of the AIA. It should be to support and promote research, but not to do the research. He announced that bids will be received on the new headquarters building December 15th and it is hoped that construction will begin by the first of January, 1971. Other matters announced by Director Wright include the announcement pertaining to a new town short course which will take place following the 1971 convention. Each of these courses will be limited to 59 persons on a first come basis. Those who might be interested should write to Bill Slayton and reserve a spot if they wish to attend. The one hitch is that one will take a spot if they wish to attend. The one hitch is that one will take place in Stockholm, Sweden, and one in London, England. A committee report pertaining to interstate compensation schedule was distributed by Director Wright and described the policies of Montana and Washington. The following course of action was suggested in the report as an interim consideration while the committee continues their efforts. First: the committee should obtain full information pertaining to fees from the State Council and Chapter offices. Two: that practitioners work toward a region-wide policy on the form of the Owner/Architect agreement to be used. Three: that the committee appraise the fee policy of all states. Four: that the Executive Committee consider the possible benefits of actuarial consultation. Mr. Wright also requested that Chapters urge their members to participate in the Master Spec program being done by the Productions System Architects and Engineering Corporation. As you know, the Master Spec is their first effort. The next item on their agenda is a cross control system which should give each office a basis for uniform comparison. One of the primary advantages of this would be a large enough organization that prices could be updated on a national level frequently enough to be of value to practitioners throughout the United States. A motion was made pertaining to the Director's allowance wherein stated the Director should discontinue automatic transfer to the conference and should make its use discretionary at the discretion of the Director. One controversial item requiring a vote in the Director's Report pertained to limiting student travel fund money to students who were members of the AIA sponsored student organizations. This was discussed by the Executive Committee including the hope the fund might be used to entice students into the AIA student groups; the Executive Committee defeated a motion requiring that the travel fund be limited to AIA student groups. A committee report from the joint AIA/Producers Council Committee, chaired by Fred Creager, was distributed to the members present. In summary the Committee reaffirmed the observations made in the March, 1969, report, that first, no attempt be made to turn the Regional Conference into a "little institute convention." Second, a de-emphasis on business sessions should be continued to be encouraged. Third, producers involvement should be made on the basis of contribution to the program with an admission of booths and static products display. Following the Executive Committee meeting, a delightful evening was planned by the host Chapter with a garden cocktail party at the Ostheimer home in Kahala, hosted by the Weyerhaeuser Co., Olympic Stain Co. and Monitor Cabinet C0. This was followed by the Hawaii Chapter members taking mainland members and their wives to dinner at either their homes or at one of the many delectable restaurants in Honolulu. Thursday events began with breakfast under the banyan tree overlooking the beach at the Surfrider Hotel, headquarters for the conference. The morning business session did the usual routine things such as approving previous minutes and doing some housekeeping on the Northwest Regional Council Bylaws, before getting down to the controversial issues of the election of officers by mail ballot. Conversation waged hot and heavy until Director Wright decided to appoint a committee to report on a recommended process for mail ballot procedure which will be reviewed at the spring '71 Northwest Regional meeting. Following this, Director Wright described the AIA institute program for '71 which might be best described as a "development program" consisting of developing the professionals, developing the tools, developing the climate, developing the client, and developing the Institute. The candidates for Director 1972-1973 were then introduced. These are Mr. Val Ossipoff of the Hawaii Chapter (unfortunately he was in Washington, D. C., that day) and Mr. Bob Fehlberg of the Montana Chapter. After that, Director Wright gave the membership the locations for both the Regional and National conventions for the years 1971-1976, and the meeting adjourned until Friday. The delegates then moved to the Princess Kauiulani Hotel penthouse for a Producer Council hosted luncheon at which Reverend Dr. Chester Terpstra talked to the Architects and Producers Council members. That evening Dr. John Craven, substituting for Taylor A. Pryor of the Oceanic Institute gave a humorous and instructive talk on Honolulu and the new citadels of the sea. A most
Friday, the business meeting reconvened at the Outrigger Canoe Club and the Resolution Committee report was given by Phil Jacobson. These included resolutions of appreciation to the Hawaii Chapter for their conference efforts, a resolution urging increased efforts in the Community College Program including continuing education, a resolution urging increasing of the Institute's activities related to the economic endeavors of the individual practitioner, and a resolution urging the Institute to increase activity relating to improving the working tools of the individual practitioner. All of the resolutions passed.

Bailey Ryan then socked it to us in his delightful style and gave us the "New Thrust in Public Relations." He stated there is a new era approaching and that the institute is changing from servant to leader. He described the present program and introduced us to the new program with its theme of "Environment By Design."

Following Director Ryan (and he is hard act to follow), the students at the University of Hawaii, headed by Chris Lum, described the "Work-Study Program" approach to architectural education. This approach is receiving much attention throughout the United States is intended to overcome the big gap existing between education and the practitioners. The panel gave the viewpoints to the program by the practitioner, the student, and the faculty. The University of Hawaii Architecture Department is initiating the Work-Study Program for their third year students and is working toward development of a program where the student has the option of work on a 40 hour week basis as an equivalent of one educational term. This program would follow guidelines set up by the University, and the guidelines would contain also the evaluation and review procedures to be followed by both the practitioner, the faculty and the student. Following this panel, the business session adjourned.

Friday evening, the host Chapter's Annual Dinner was held at the magnificent Oahu Country Club. Highlight of the evening was singing and dancing by the Kawaiahao Choir. This choir of international renown has been invited by President Nixon to sing at the Capital in the near future, but we got them first and they were great! President-Elect Robert Hastings then gave the main address, recapitulating the activities of the Conference.

Saturday, the Conference concluded with a tour to Sea Life Park at Makaha and the Oceanic Institute, where we were able to observe man's future under the sea in action as described by Dr. John Craven at the Thursday night banquet. Following this, many members returned home, but others either relaxed a few days in the sea, sand, and sun or traveled to the island of Kauai for the post tour arranged by the Hawaii Chapter.

The post tour was a beautiful climax to an excellent conference. The group of about twenty stayed at the lovely Coco Palm Hotel at Lihue. Tours were arranged to the "Grand Canyon of the Wai'amea" and the "Fern Grotto of the Waialua." As usual, though, the beach and the surf were of prime interest to us mainlanders and there we were, getting the last efforts toward a good sun tan. On Monday, the 12th, most of the mainlanders headed home, leaving just a few who looked like they were seriously considering never coming back to the mainland.

It was an excellent conference sponsored by the Hawaii Chapter, well arranged and well sponsored. Sponsors in addition to those already named included: Pacific Bureau of Lathing & Plastering, the Hawaiian Electric Co., the Hawaiian Telephone Co., and the Honolulu Gas Co. I believe each person present at the conference is looking forward to 1971 and the Central Washington affair.

SURF * SAND * SUN
A Summary by:
H. P. Saabye, A.I.A.

When a Director wants to really hurt a guy, he has a full day of meetings scheduled in Hawaii. Then to top that off, he may even hold it in a room without windows. If that isn't enough, he suggests that the meeting be continued the next morning with luncheon speakers for the next two days. John Wright, F.A.I.A., is some dedicated leader. I doubt that he even saw the sun for the entire convention.

The first day was taken up completely with the executive board meeting and the program was something like this:

With the nitty-gritty matters of all board meetings such as roll call, approval of past meeting minutes, financial report, etc., out of the way, John gave his director's report. The National A.I.A. is printing the text of a committee report, "Future of the Profession" in hard copy and there must be 2,500 sold before it can be published in paperback. Hardback copies are $15.00 per copy. A.I.A. members may purchase at a reduced rate in lots of ten for $12.00.

The A.I.A. Student Scholar Program, a program where four students from the nation were selected to stay in Washington, D.C., for the summer and work on a project of their selection, was very successful. From the four students chosen, two were from the Pacific Northwest Region — Sue Jones and Bruce Webb. Their project was "Public Education on the Environment."

President Allen of the A.I.A. and the National A.I.A. Board has approved a publication to the profession concerning interpretation of the New Ethical Standards passed in Boston:

1. You cannot bid competitively for services.
2. You cannot do general contracting without ownership.

The proposed new A.I.A. headquar-
ters building will be bid December 15,
1970. Construction is slated to begin
January 1, 1971.

President Nixon interviewed Nat
Owings on September 18, and the net
result of the meeting was that Mr.
Owings will head a committee made
up of A.I.A. members and charged
with developing a "national land use
policy for the U. S. A." Mr. Owings
will meet with President Nixon at
least every three months. The project
will be complete by September, 1971.

This is considered a great leap for-
ward for the status of the profession.
Bill Slayton has put together a pair
of one week courses on New Towns
following the 1971 convention. One
course will be held in Stockholm,
Each course is limited to 50 persons.
The Northwest Region has formed a
student travel fund. The purpose is to
assist students in travel expenses to
national and regional conventions.
The funding thus far has been solely by
the Northwest Region to the tune of
$2,000. The student is required to pro-
vide a portion of his own financing
and the Region will assist him when
there is a need. The results have been
quite astounding. The students are
very reluctant to use any of this
money and together with the A.I.A.
members on the committee dole out
the money with a miser's control. As
a result of the fund, the Northwest
Region has had student participation
at all conventions and regional meet-
ings. Several students traveled to Bos-
ton as a result of the fund, but they
have remaining about $750 in the fund.
This is certainly money well spent.

The meeting ended with written re-
ports from all component presidents
on their chapter activities.

The 1971 Northwest Regional Confer-
ence will be held in Richland, Wash-
ington. The theme will be "Vision
20/20—A Look at the Environment."
This title is very appropriate and
since the visibility in the tri-cities
area is always 50 miles plus, a con-
ference attendee should be able to see
most of whatever you can see in South
Central Washington. Trips through a
nuclear power plant, pheasant hunt-
ing, a trip up the Snake River, golf,
are some of the fun and games.

Speakers have not at this time been
confirmed, but it has the makings
of a good do, providing the architects
can again begin earning some money
to afford a trip like this.

The Hawaii Chapter passed a unani-
mous mandate that every corporate
member of the Hawaii Chapter would
be required to register but at a re-
duced rate. This may seem, to some
of the free thinkers, like a stern pro-
clamation. If you could see the amount
of architectural work going on in Ha-
waii, you would know that many
members would pay to not have to
attend meetings just to get on with
the work in the office. There is good
cause for the report that Honolulu,
Hawaii, was third in the nation in
total value for construction—Los An-
geles and Chicago had more. Most of
us are not used to designing buildings
without heating plants, but in Hawaii,
very few structures do have heating
systems.

There is little doubt that any chapter
in the U. S. could put on a more de-
lightful conference. Friendliness
abounds in the land of Fun and Sun,
but perhaps the casual attitude and
dress contribute more to the over-all
relaxed feeling one acquires while in
the Islands.
arizona

1970 ACI Convention

The Annual Convention of the Arizona Chapter of the American Concrete Institute has been scheduled for December 11 at the Executive House Arizona in Phoenix with all persons interested in advancing technology and concrete design invited to attend. One of the highlights of the meeting will be a detailed study of new European construction techniques—"Systems Building in Europe"—by S. D. Burks, national ACI President. Mr. Burks recently spent three weeks abroad visiting factory and erection sites in five countries and through slides and commentary will illustrate the most widely used construction practices on the continent. In the past decade, Mr. Burks notes, automated fabrication techniques and improved erection methods have resulted in increasing greater use of Systems Building abroad.

Howard Pugh, Arizona ACI Chapter President, has announced that in addition to Mr. Burks, Ashby Gibbons of the Portland Cement Association, Skokie, Illinois will present an "Overview of New Building Code Act 318-17"; Lewis Cuthill of Sacramento will discuss "Highlights of the New Standard on Hot Weather Concrete," and Howard McGinness of the American Cement Corporation, Riverside, California will report on "Accelerated Strength Tests for Concrete."

The special feature of the afternoon session will be in Poland in late 1970 and early 1971. The September meeting of the Denver Chapter of the Construction Specifications Institute.—his partner, Pat Dulaney is presently serving as Treasurer of the Colorado Central Chapter/AIA and has long been a member of Symposia's Editorial Advisory Board.

The Prospect Valley Elementary School in Jefferson County designed by Rogers/Nagel/Langhart/architects and engineers is going traveling. This 1968 WMR Merit Award Winner has been selected for inclusion in an exhibition of recent American architecture which will be seen in four cities in Poland late in 1970 and early 1971.

CSI/Modular Construction

The September meeting of the Denver Chapter of the Construction Specifications Institute was a real dandy...to quote the sparkling report in "Scope"..."The crow was transformed into a golden brown ox, the cell into a beautiful palace and the steady few into a large responsive group (102 for dinner...really)." Bob Johnson, Pete Mirabella, Jim Noone, Dick Lehman and the others involved most certainly deserve a sound round of applause. The topic under discussion was "Modular Construction," the whole bit moderated by that wise and witty R. James Noone. "Big Jim" asked, "What is..."
There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Drama, give your home a whole new look.

Proper lighting can create a mood, add a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.

Proper lighting can create a mood, add drama, give your home a whole new look.

There's no charge for our advice on decorating with light. Call us.
Great Falls.
Chester W. Cohen, Northern Regional Manager of the Western Wood Products Association, spoke at the 12:30 p.m. Luncheon on “New Lumber Grading Rules.” The Women’s Architectural League met at 1:30 and a good many of the architects present headed for the links for a pleasant afternoon of divot digging.

It would certainly appear that Montana’s JPB Boys have done it again! Economic Blues

Our Man in Montana—JPB’s own Cal Holland—has been gazing into the economic crystal ball, and issues a somewhat gloomy prediction. “Economically, Montana is starting an upswing as you say Denver is, but commercial building has never been a big part of the Montana architects’ work, so it will have little effect. Bond issues appear to be (1) unpassable because of voter taxpayer resistance and (2) illegal until the Montana constitution can be changed to comply with the recent one-man-one vote rule on taxpayer voting. It would seem we won’t have any bond issues here for at least two years. We are looking at the edge of the earth!” Say not so, Swami!

new mexico

High Road to Taos

Brad Kidder reports that in early October, the McLough and Kidder office played host to John Kirkpatrick, an Associate Partner of the Skidmore, Owings and Merrill firm. He was working on an analysis and presentation for the “High Road to Taos,” one of the major Fact Finding Committees appointed by the Governor by Legislative request to determine the feasibility and route of the proposed Scenic High Road to Taos. The entire Committee—armed with Mr. Kirkpatrick’s maps and descriptive notes—made the trip by car to investigate all of the alternatives and short cuts which appeared to be worthwhile before preparing the Final Presentation.

This Study, complete with many maps and a description of all views to be observed, will be presented to the Legislature for approval at the next session in January.

School Building Panels

As reported in October, the New Mexico Society of Architects is participating in the workshops held around the State by the Department of Education. Being presented—a paper “School Building Construction Planning”—which was discussed, modified and approved by the Society at the meeting in late September in Santa Fe. Five hundred copies have been printed and will be mailed to all AIA members in New Mexico as well as to all school administrators in the state.

Joe Boehning made the first presentation on October 2nd in Las Vegas—well attended, says Joe, and well received. The second meeting was held on October 9th in Portales, and the third presentation was in Las Cruces on October 16. Prexy Boehning was in Tucson at the WMR Conference at that time, and the paper was delivered by Will Harris, AIA, of Hobbs, New Mexico. Our copy at hand indicates good thinking and a wealth of important information for planning school facilities.

oregon

New Engineering Booklet

The Consulting Engineers of Oregon, reports the current CEC newsletter, has a new booklet titled “An Introduction to Consulting Engineering.” It graphically delineates the role the Consulting Engineer has played in the development of the Northwest. Illustrated examples of member firm projects are followed by a description of the organization, guidelines on the selection of a CE, fee negotiation, services provided by the member firms plus a list of firms, their fields of practice and a roster of partners and principles.

This excellent format makes it easy for anyone interested in engineering services to find the info needed.

utah

WAI Speaker/Betty Thompson

The Women’s Architectural League of Utah brought Betty Thompson in from California to speak at their initial luncheon meeting held September 23. Her topic was “Training Tomorrow’s Decision Makers” in which she urged that programs of environmental education be included in school curricula. She said... “Environmental education is geared not only at adult citizens to—
day but assuredly for decision makers of tomorrow. Its aims are to lead future citizens in becoming sensitive to what makes up an environment, what problems result from things not taken into account, and to the fact that visual environment is a basic essential to life as much as air and water. The time to learn this is in school so that it becomes partly second nature.

Mrs. Thompson is Senior Editor of Architectural Record, a graduate architect and a Fellow of the American Institute of Architects. Her message was heard not only by members of the Women's Architectural League, but by many Utah educators and architects. And what a fine way to begin another exciting year! In November, WAL members will hear a panel discussion featuring Dr. William Brown on the subject “How to Live With an Architect and Survive.” The answers should be interesting.

New WIC Officers
Those bright and busy Women in Construction over in SLC have named their “fearless leaders” for the 1970-'71 season President (for the second time around) is LaRue Tufts, a real high flyer. Yep, she has had her private pilot's license since 1963 and is a former member of “99's,” a women's flying organization. Born in Idaho, she attended Brigham Young University, is a past president of the Pocatello Chapter of Toastmistress International and the first woman in the U.S. to receive an Honorary Toastmaster title. LaRue will be aided and abetted by Vice President Vivian Maddocks, Secretary Barbara Pace and Treasurer Ruby Robinson. The Directors for the year ahead are

NEW PRESIDENT

Connie Harlin, Sally Chidester, Roselin Sheya and Margaret Borg. Margaret is the immediate past president of NAWIC. Lois White—last year’s Chapter President is this year’s Program Chairman — and doing a great job, as always. In October, WICs met at “The Print Shap,” a new restaurant in Arrow Press Square, toured this most interesting renovation project, and in November, the group will don hard hats to look over the new J. C. Penney building designed by Scott, Louie and Browning, architects and engineers.

P.C. Institute Held
The 1970 Architectural Sales Representatives’ Institute was held October 13-16 in cooperation with the Department of Architecture at the University of Utah with PC Associate Field Director, Brian P. Kenedy as Moderator. Participants in the program included Utah Architects . . . William A. Richardson, Siegfried A. Weiss, Arthur Olsen, John Piers, Joe Ashworth, Charles Dean Peterson, Ralph Edwards, Howell Q. Cannon, Elenor Talbot and Gene Haycock. President of CEC/Utah, Mark Bryner spoke on the Engineer's Role and the participating contractors were Alan Holbrook, and H. S. Culp, Jr. The “Product Consultant” panel included Abe Bernstein, Paul Buehner and William C. Howe, Jr. Professor Robert L. Bliss, Head of the U.U. Department of Architecture welcomed participants in the Institute, spoke on the subject of “New Architects and Architecture” and presented certificates to the sales representatives attending.

However . . . all is not work with the Intermountain P.C. Chapter. Their annual fall “Kick-Off Party” was held this year in Park City. Chairman of the function was Gail Gill of Mountain Bell who came up with a unique game which had architects matching faces to names, products, logos and national companies. First prize of a Sony midget T.V. went to Ashley Carpenter, second prize of a tape recorder to Will Louie and the third prize of binoculars went to Keith Anderson.

Utah architects are waiting (with bated breath?) for PC’ers to announce their “Architect of the Year” —an annual event come November.
An Innovation

"Because," commented Don Williams, "I was new at this sort of thing, and really didn't know any better," the National Committee on Regional Development and Natural Resources of the American Institute of Architects came to Tucson in October. The Committee, meeting concurrently with the Western Mountain Regional Conference, was an outstanding success. Members of the Committee and Chairman Williams contributed significantly to the Conference theme of "The Architect and Environment"; students in attendance "rapped" enthusiastically with them (there were a lot of skinny eyed RD members on Saturday a.m.) and the Committee's own meetings and discussions were termed "fruitful and exciting."

In addition to Chairman Don Williams of Louisville, Kentucky, members of the Committee in attendance at Tucson were James A. Veltman, Philadelphia; Marvin Hatami, Denver; Ronn Ginn, Tampa and Albuquerque; Paul Spreiregen, Washington, D.C.; Israel Stein, Houston, Texas; Fernand T. Picou, Thibodaux, Louisiana; Paul Dunley, Charlottesville, Virginia; Daniel J. Havekost, Denver, and Mike Barker of the Octagon Staff, Washington, D.C. Williams, Veltman, Hatami, Ginn and Spreiregen were included in the programming of the WMR Conference.

The concurrent meeting of a National Committee in connection with a Regional Conference was to our mind a meaningful innovation. It was a "grass roots" effort to be commended, a mutual exchange of information which proved most valuable to both Committee and Regional members. It may be that "it has never been done" or perhaps—"we don't do things this way"—but this is a successful innovation which bears repetition.

Breakfast with the Bunch

Symposia's Annual Western Mountain Region Breakfast was held at the Westward Look on Friday morning, October 16th. This "family affair" is held each year—a happy gathering which accords us the opportunity to meet somewhere beside Symposia's smiling mailbox. The Editorial Advisory Board members on hand this 1970 included Dean Sidney Little, FAIA, and Warren Edminster, AIA/CSI, from Tucson, Arizona; Pat Dunley of Denver; Ed Parsons of Reno, Nevada; Bradley P. Kidder, FAIA, of Santa Fe and Joe and Bonnie Boehning of Albuquerque. Ron Ginn (sometimes known as Ronald Gin) of Florida and New Mexico, our Editor on Urban Affairs was present with two of his colleagues from the National AIA Committee on Regional Development and Natural Resources—Chairman Don Williams of Louisville, Kentucky, and Marvin Hatami of Denver. Other invited guests included incoming Regional Director Max Flatow, FAIA, Albuquerque and his wife, Ann; Bill Cook, President of the Arizona Society and Fred Jobusch, Conference General Chairman. We were also privileged to have with us Jim Hunter, FAIA, President of the Colorado Society; Bob Fielden, past president of the Nevada Association of Architects and last year's program chairman at Las Vegas; and the 1971 Conference Co-Chairman, Jack Toohey of Worland, Wyoming, president of the Wyoming Chapter.

A quick count indicated there were four Regional Directors . . . past, present and future . . . around the table plus multi Chapter president both past and present. It was a very real pleasure for us to meet together and express in some small way our gratitude to this great group of people who make Symposia possible. Viva "los magnificos"—the Editorial Board!

We would take this opportunity to express our sympathy to the family and the many friends of Olyn L. Price, Architect, of Fort Collins, Colorado. A member of the Boulder architectural firm of James M. Hunter and Associates, Mr. Price was an active member of the Denver Chapter of the Construction Specifications Institute and highly regarded by members of the architecture/engineering/construction community in Colorado.

We are Proud of the appointment of Donald W. Decker
Executive Manager
Associated Building Contractors of Colorado, Inc.

In the years ahead we intend to expand and improve our service to the industry in the same measure as will the Association under Don's leadership.

Daniel W. Porter..................President and Owner
June Reilly.........................Secretary-Treasurer
Gary E. Gustafson...............Estimator and Project Manager
Marshall Blanchard...............Superintendent
Walter Wilson....................Superintendent

Jack McFall....................Superintendent
Carl Nielson.....................Superintendent
Paul Strange.....................Superintendent
Alvin Willhite..................Superintendent

BLACKINTON AND DECKER, INC.

Symposia/November, 1970 Page 35
They’ve Done It Again!

... and again

... and again!

Yep, the Denver Chapter of Producers’ Council has hauled home another load of hardware from the Annual Convention held this year in Atlanta, Georgia. This time, it was a “Silver Bowl”—the top award for outstanding programming during the past year. This 1969-'70 fiscal year was the first in which new criteria for the Annual Silver Bowl/Bell contest became effective. Under the new ground rules, all fifty-three Producers’ Council chapters were automatically entered in the contest which is based on the program and activities of each chapter for the entire fiscal year. The Denver Chapter (again!) outpaced all the others with their fine comprehensive program of reaching new markets from as far north as Great Falls, Montana, south to El Paso, Texas, and great programming for a wide range of specifying and buying influences.

The Silver Bowl Winner is selected from among the winners of Silver Bells—Bell awards are named in each of four groups based on Chapter size. Bells in this year’s competition were awarded PC Chapters in St. Louis, Honolulu and Jacksonville... as well as Denver, and the “Silver Book” award went to Cincinnati for the year’s single most effective chapter program. Cincinnati’s entry was titled—“Significant Happenings in Cincinnati Architecture” and combined a display of historical material on architecture with displays of the old and new products of the thirty member companies... this imaginative programming captured the attention of the entire construction community.

On hand in Atlanta to accept the Silver Bowl trophy was Denver Chapter President, John Kilbey of U. S. Plywood. On his return to the Mile High—John commented modestly that the Denver P.C. contingent now had enough silver for the largest sixteen cylinder wedding including the bells! Wouldn’t you say this great group deserved a laurel or two from our Symposia laurel tree? Maybe we’d better make that a large can of silver polish.

Congratulations (again) Denver!
School of Engineering, Mr. McClary has spent his thirty eight years of construction experience with the Morrison-Knudsen Company, Inc. of Boise. He is presently Executive Vice-President and Director. His major project experience includes the Casper Air Base, Wyoming; the Gunnery School, Yuma Air Base, Arizona; Otay Naval Air Station, California and the Sanalona and Morelos Dam projects in Mexico.

He is a Fellow of the American Society of Civil Engineers, Chairman of the Idaho Permanent Building Fund Advisory Council, a Trustee of Boise College and a member of the American Society of Military Engineers, Consulting Constructors' Council of America and the Newcomen Society of North America.

James McClary and his wife, Mary Jane, live in Boise and have two children—Pamela and John William. And needless to say—we are delighted indeed to have one of AGC's top "fearless leaders" within our Symposia Region. UP, Mr. McClary!

UP WITH ROGERS!

Our old and good friend, John Rogers of Rogers/Nagel/Langhart, Inc. was invited to be a consultant on the Little Tennessee Valley Charrette, which was held October 12 to October 20 in Knoxville, Tennessee. During this period, the Charrette group, which is sponsored by the U.S. Office of Education, the School Planning Laboratory at the University of Tennessee, the Appalachian Regional Commission, and seven school districts in three counties explored the possibilities of "What Can Be Done Cooperatively To the Advantage of School Children That Cannot Be Accomplished By Each District Independent-
ARE YOU OLD ENOUGH TO REMEMBER?...

(Many moons ago, the late Fred Weaver, FAIA, of Phoenix, Arizona, introduced us to “Between the Sheets”—a delightful publication edited by Bob Fort for the Sheet Metal and Air Conditioning Trades Industry Program of that State. It has been a happy association—Mr. Fort in his gleanings of many publications has brought us a wealth of material which he has so kindly allowed us to reprint in our pages. We are “at it again” with this nostalgic bit of “Dearie, do you remember?” It is most particularly dedicated to those who can recall not only the front porch—but the front porch swing and a cold pitcher of lemonade shared with your neighbors as they took a slow walk around the block while the “kids” played “Run, Sheep, Run!”)

When you never dreamed our country could ever lose,
when you left the front door open,
when you bragged about your home town and state,
when you knew that law meant Justice, and you felt a little shiver of awe at the sight of a policeman,
when professions and Catholics and Jews thought enough when intellect was the neighborhood you grew up in,
when you knew that law meant justice, and you felt a little shiver of awe at the sight of a policeman,
when young fellows tried to join the Army and Navy and Marines,
when songs had a tune,
when criminals went to jail,
When you bragged about your home town and state,
When clerks and repairmen tried to please you, or else,
When a complaint could accomplish something,
When you considered yourself lucky to have a good job;
When you were made to feel guilty for enjoying dialect comedy,
when people still had the capacity for indignation,
when you were proud to have one,
when you were to be respected,
when a woman was a woman; when a boy was a boy; when they liked each other;
when you weren't afraid to go out at night,
when people knew what the Fourth of July stood for,
When you took it for granted that women and the clergy were to be respected,
when college kids swallowed goldfish, not acid.
We invite you to see our installations at
- The Air Force Academy
- University of Colorado
- University of Wyoming
- Polo Club Apartments
- D. U. Memorial Gardens

Your choice of
SCOTT’S WINDSOR
Merion or Kentucky Blue
Full Written Guarantee
Call for a Free Estimate on your next project.

Richlawn Turf Farms
Denver-Boulder 771-5611
Colorado Springs 473-5836
Pueblo: 473-5836 Call Collect

New Boundaries/C.S.I.

Reporting on the National Board Meeting of the Construction Specifications Institute held in Washington, D. C., in September, Region 10 Director Bob Schmidt gives us this info on the Ad Hoc Committee recommendations on boundaries and section directors.

The Hawaii Chapter was included with Region 11—where it is now. The El Paso, Phoenix and Tucson Chapters were voted into Region 10 which presently includes Wyoming, Colorado, New Mexico and Utah. The Wyoming and Hawaii alterations were the only ones made to the Ad Hoc Committee recommendations.

In the early part of November, professional members will be receiving a ballot on the By-Laws change to increase the number of sections from six to eight. These votes will be tabulated the latter part of December to be reported at the next Board meeting of January 23-24, 1971. If the change is accepted, this will allow the proper timing for the newest section to vote for their Director during February as specified in the By-Laws. This would then place the new boundaries in effect on July 1, 1971, following the National Convention.

Specify
RICHCLAWN
Quality Sod

We invite you to see our installations at
- The Air Force Academy
- University of Colorado
- University of Wyoming
- Polo Club Apartments
- D. U. Memorial Gardens

Your choice of
SCOTT’S WINDSOR
Merion or Kentucky Blue
Full Written Guarantee
Call for a Free Estimate on your next project.

Richlawn Turf Farms
Denver-Boulder 771-5611
Colorado Springs 473-5836
Pueblo: 473-5836 Call Collect

Page 38  Symposia/November, 1970
Are You Giving Your Client the BEST Rooftop Multizone System for His Dollar$?
No...if you haven’t used a Natural Gas Chiller for the cooling side.

Case histories prove the substantial economies of using gas-fired chillers with rooftop multizoned systems. These chillers are easily specified, readily available and can be serviced by the many competent maintenance personnel available in your area.

The multiple gas air conditioning units insure against complete system failure. Controls are simple; vibration is eliminated and the long-life units provide dependable cooling.

You really can’t afford to go any other way!
Case I—Natural Gas Air Conditioning Saves $1,673 Annually!

A study was made of a typical small office building using a rooftop multizone unit heating and air conditioning system. It was assumed that the building was used from 8 a.m. to 5 p.m., five days each week, and that the unit air conditioning load was 16 tons total with three separate zones; there were 2,845 hours requiring mechanical cooling and 1,473 “full load” hours. The GATE Computer Energy Analysis Program was used to simulate heating and air conditioning loads throughout the year, with energy requirements calculated from actual weather data and building load profiles for 8,760 hours.

The rooftop multizone unit operation was simulated with both an air-cooled/gas air conditioning unit and an air-cooled/electric air conditioning unit. An economizer outside air cycle was used with both systems to take advantage of “free cooling” where possible.

The results of this study are as follows:

**Economic Analysis/Office Building with Rooftop Multizone System:**

<table>
<thead>
<tr>
<th>Type Air Conditioning</th>
<th>Natural Gas Cost/Yr.</th>
<th>Electric Cost/Yr.</th>
<th>Maintenance &amp; Insurance</th>
<th>Annual Operating Costs</th>
<th>Annual Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Electric, Air Cooled</td>
<td>$451</td>
<td>$2,656</td>
<td>$511</td>
<td>$3,618</td>
<td>—</td>
</tr>
<tr>
<td>2. Gas Fired, Air Cooled</td>
<td>$879</td>
<td>$665</td>
<td>$401</td>
<td>$1,945</td>
<td>$1,673*</td>
</tr>
</tbody>
</table>

*NOTE: The estimated added investment for gas air conditioning of $1,750/unit will be paid back to the owner in only 1.9 years, after taxes.

Case II—Natural Gas Air Conditioning Saves $875 Annually!

Another study was made of the rooftop multizone unit heating and air conditioning system in a school building. It was assumed that the school area was used during daytime only, nine months each year (with no heating or air conditioning required during summer months). The cooling load totaled 16 tons with three separate zones; there were 1,166 hours requiring mechanical cooling and 601 “full load” hours. Hourly and total energy requirements were computed by the GATE computer energy analysis program.

The rooftop multizone unit operation was simulated with both an air-cooled/gas air conditioning unit and an air-cooled/electric air conditioning unit using full summer unit shutdown. Again, an economizer outside air cycle was used with both systems.

The results of the school study are as follows:

**Economic Analysis/School Building with Rooftop Multizone System:**

<table>
<thead>
<tr>
<th>Type Air Conditioning</th>
<th>Natural Gas Cost/Yr.</th>
<th>Electric Cost/Yr.</th>
<th>Maintenance &amp; Insurance</th>
<th>Annual Operating Costs</th>
<th>Annual Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Electric, Air Cooled</td>
<td>$378</td>
<td>$1,543</td>
<td>$511</td>
<td>$2,432</td>
<td>—</td>
</tr>
<tr>
<td>2. Gas Fired, Air Cooled</td>
<td>$552</td>
<td>$604</td>
<td>$401</td>
<td>$1,557</td>
<td>$875*</td>
</tr>
</tbody>
</table>

*NOTE: The estimated added investment for gas air conditioning of $1,750/unit will be paid back to the school in only 2.0 years.
Typical Rooftop Multizone Unit Cross Section

A—Zone Damper Section (or Dual Duct Outlets)

B—Natural Gas Fired Heating Section

C—Chilled Water Coil — Supplied From Natural Gas-Fired — Air Cooled Air Conditioning Units.

D—Main Fan and Filter Section

E—Economizer Section With Outside Air, Return Air And Exhaust Air Dampners, etc.

Gas Fired/Air Cooled Air Conditioning Units:

(Chiller Section Only)

<table>
<thead>
<tr>
<th>MAKE/MODEL</th>
<th>NOMINAL COOLING CAPACITY, OUTPUT*</th>
<th>NATURAL GAS INPUT</th>
<th>CHILLED WATER FLOW, 45°F</th>
<th>ELECTRICAL INPUT</th>
<th>UNIT WEIGHT</th>
<th>UNIT SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkla-Servel/</td>
<td>2 ACB60</td>
<td>120,000 BTUH</td>
<td>250,000 BTUH</td>
<td>24.0 GPM</td>
<td>2800 Watts</td>
<td>1650#</td>
</tr>
<tr>
<td></td>
<td>1200 Watts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>42&quot;Hx48&quot;x66&quot;</td>
</tr>
<tr>
<td>Arkla-Servel/</td>
<td>#ACB48</td>
<td>60,000 BTUH</td>
<td>125,000 BTUH</td>
<td>12.0 GPM</td>
<td>1400 Watts</td>
<td>822#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>42&quot;Hx48&quot;x34&quot;</td>
</tr>
<tr>
<td>Arkla-Servel/</td>
<td>#ACB36</td>
<td>48,000 BTUH</td>
<td>100,000 BTUH</td>
<td>9.6 GPM</td>
<td>1200 Watts</td>
<td>772#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>42&quot;Hx48&quot;x34&quot;</td>
</tr>
<tr>
<td>Arkla-Servel/</td>
<td>#ACB36</td>
<td>36,000 BTUH</td>
<td>75,000 BTUH</td>
<td>7.2 GPM</td>
<td>875 Watts</td>
<td>570#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>34&quot;Hx40&quot;x29&quot;</td>
</tr>
<tr>
<td>Bryant/</td>
<td>#120-452</td>
<td>120,000 BTUH</td>
<td>300,000 BTUH</td>
<td>25.0 GPM</td>
<td>3000 Watts</td>
<td>1500#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>60&quot;Hx33&quot;x68&quot;</td>
</tr>
<tr>
<td>Bryant/</td>
<td>#90-452</td>
<td>90,000 BTUH</td>
<td>225,000 BTUH</td>
<td>18.5 GPM</td>
<td>2500 Watts</td>
<td>1200#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>60&quot;Hx33&quot;x68&quot;</td>
</tr>
<tr>
<td>Bryant/</td>
<td>#48-453</td>
<td>48,000 BTUH</td>
<td>107,000 BTUH</td>
<td>10.0 GPM</td>
<td>1450 Watts</td>
<td>800#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>43&quot;Hx30&quot;x52&quot;</td>
</tr>
<tr>
<td>Bryant/</td>
<td>#36-453</td>
<td>36,000 BTUH</td>
<td>88,000 BTUH</td>
<td>7.5 GPM</td>
<td>1200 Watts</td>
<td>625#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>37&quot;Hx30&quot;x44&quot;</td>
</tr>
</tbody>
</table>

*NOTE: Refrigeration capacity shown is based on sea level rating with 95°F ambient temperature and 45°F chilled water supply.

For information on the above gas air conditioning units, or for information regarding the air conditioning economic analysis, please contact the Marketing Services Department, Colorado Interstate Gas Company, Post Office Box 1087, Colorado Springs, Colorado 80901. (303) 473-2300.
Mr. Architect / Engineer:

Your specification of
Cast-in-Place or Site Cast  Ready Mixed Concrete
Provides you the command of
ECONOMY — STRENGTH — BEAUTY — FLEXIBILITY
ADAPTABILITY — VERSATILITY — DEPENDABILITY

Your selection of one of these producers will assure
COMPETENCE — CAPABILITY — RESOURCEFULNESS

(look for this insignia on their trucks)

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams Transit Mix Corp., Brighton</td>
<td>659-2383</td>
</tr>
<tr>
<td>Arapahoe Concrete Materials, Longmont</td>
<td>776-2356</td>
</tr>
<tr>
<td>Aspen Ready Mix, Aspen</td>
<td>923-3598</td>
</tr>
<tr>
<td>Boulder Ready Mix Concrete, Boulder</td>
<td>444-4992</td>
</tr>
<tr>
<td>Barnett Construction Co., Durango</td>
<td>247-2174</td>
</tr>
<tr>
<td>C &amp; M Ready Mix Concrete, Boulder</td>
<td>445-1099</td>
</tr>
<tr>
<td>Canyon Concrete Co., Canon City</td>
<td>275-7441</td>
</tr>
<tr>
<td>Certified Concrete Co., Pueblo</td>
<td>543-6350</td>
</tr>
<tr>
<td>Cowan Concrete Products, Inc., Greeley</td>
<td>325-6574</td>
</tr>
<tr>
<td>Delta Sand &amp; Gravel, Delta</td>
<td>874-3052</td>
</tr>
<tr>
<td>Jaceb Dern &amp; Son, Inc., Ft. Morgan</td>
<td>867-2967</td>
</tr>
<tr>
<td>Walt Flanagan &amp; Co., Inc., Denver</td>
<td>777-3058</td>
</tr>
<tr>
<td>Flatiron Materials Co., Ft. Collins</td>
<td>482-8535</td>
</tr>
<tr>
<td>Flatiron Materials Co., Loveland</td>
<td>667-6332</td>
</tr>
<tr>
<td>Flatiron Pre Mix Concrete Co., Boulder</td>
<td>444-2151</td>
</tr>
<tr>
<td>Fountain Sand &amp; Gravel Co., Pueblo</td>
<td>544-5451</td>
</tr>
<tr>
<td>Ft. Collins Ready Mix, Ft. Collins</td>
<td>484-1521</td>
</tr>
<tr>
<td>Golden Concrete Co., Longmont</td>
<td>776-1003</td>
</tr>
<tr>
<td>Green Brothers, Inc., Ft. Morgan</td>
<td>867-2404</td>
</tr>
<tr>
<td>Gunnison Ready Mix Concrete Co., Gunnison</td>
<td>441-0951</td>
</tr>
<tr>
<td>H. H. Hall Co., Aspen</td>
<td>925-2456</td>
</tr>
<tr>
<td>Jefferson Transit Mix Co., Wheat Ridge</td>
<td>424-5521</td>
</tr>
<tr>
<td>Lamar Valley Concrete Co., Lamar</td>
<td>336-2223</td>
</tr>
<tr>
<td>Loveland Ready Mix Concrete, Inc., Loveland</td>
<td>567-1108</td>
</tr>
<tr>
<td>Mathias Concrete, Inc., Alamosa</td>
<td>589-4901</td>
</tr>
<tr>
<td>Mathias Concrete, Inc., Monte Vista</td>
<td>853-3732</td>
</tr>
<tr>
<td>Morrison Ready Mix, Morrison</td>
<td>985-1561</td>
</tr>
<tr>
<td>Paron &amp; Rister Ready Mix, Julesburg</td>
<td>474-2615</td>
</tr>
<tr>
<td>Porto Mix Concrete, Inc., Glenwood Springs</td>
<td>945-6529</td>
</tr>
<tr>
<td>Poudre Pre Mix, Ft. Collins</td>
<td>482-9971</td>
</tr>
<tr>
<td>Prent Concrete, Inc., Sterling</td>
<td>522-4164</td>
</tr>
<tr>
<td>Schlosser Ready Mix, Burlington</td>
<td>346-8806</td>
</tr>
<tr>
<td>Sterling Ready Mix Concrete, Sterling</td>
<td>522-1263</td>
</tr>
<tr>
<td>Suburban Ready Mix Co., Arvada</td>
<td>421-0720</td>
</tr>
<tr>
<td>Transit Mix Concrete Co., Colorado Springs</td>
<td>632-3556</td>
</tr>
<tr>
<td>Valley Concrete Co., Rocky Ford</td>
<td>254-7461</td>
</tr>
</tbody>
</table>
Bronze Baptismal Font

Free-Standing Archways of Steel

Bronze background and table. Stainless Steel Tabernacle

Architectural Metal
by

The Church of the Risen Christ
architect: James S. Sudler
engineers: Andersen, Koerwitz and Hawes

William & Zimmerman
Architectural Metals, Inc.
Craftsmen for the Rocky Mountain Region Since 1932
PHONE 623-4171
201 EAST 58TH AVENUE
DENVER, COLORADO 80216