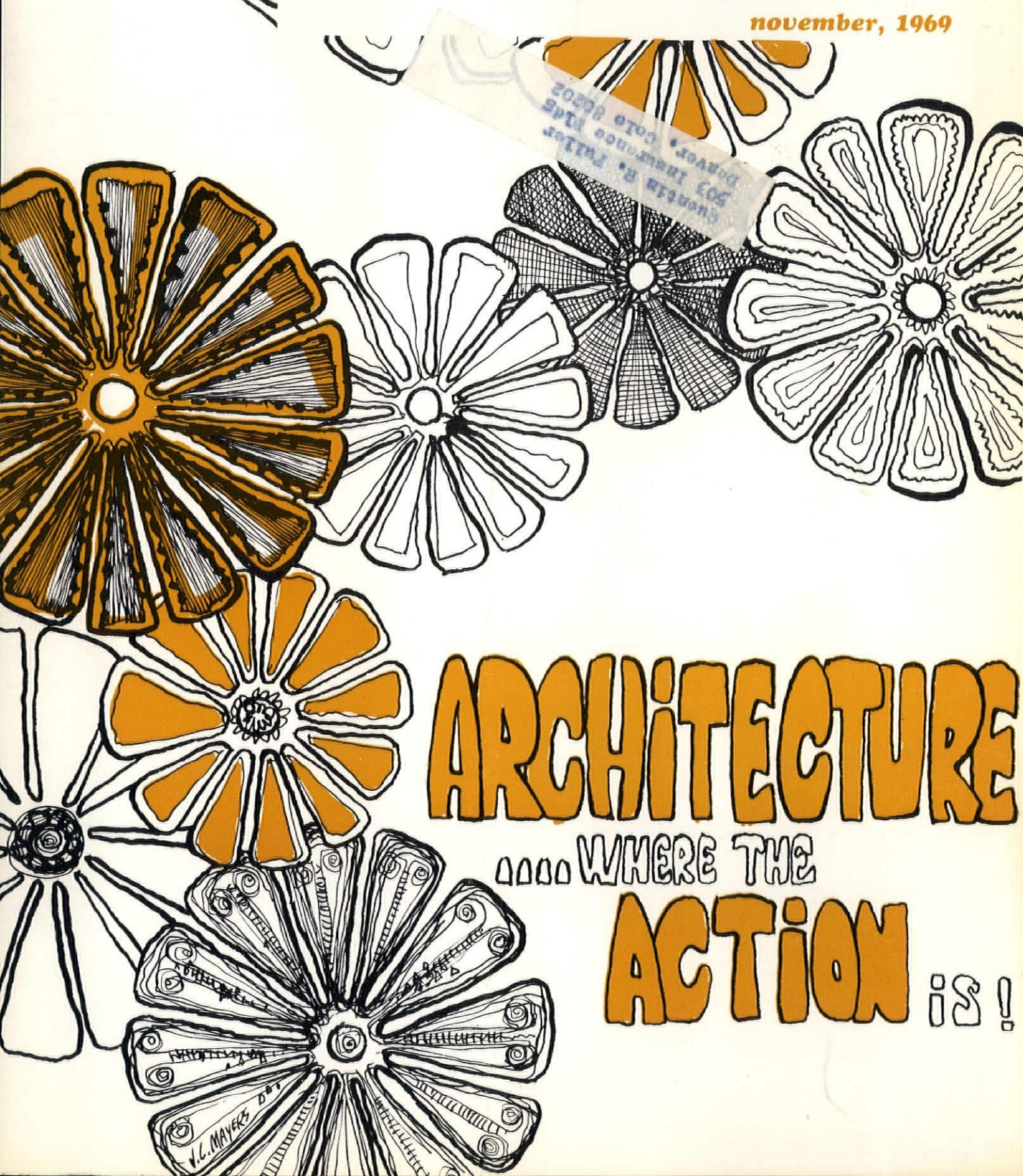


architecture/engineering/construction

symposia

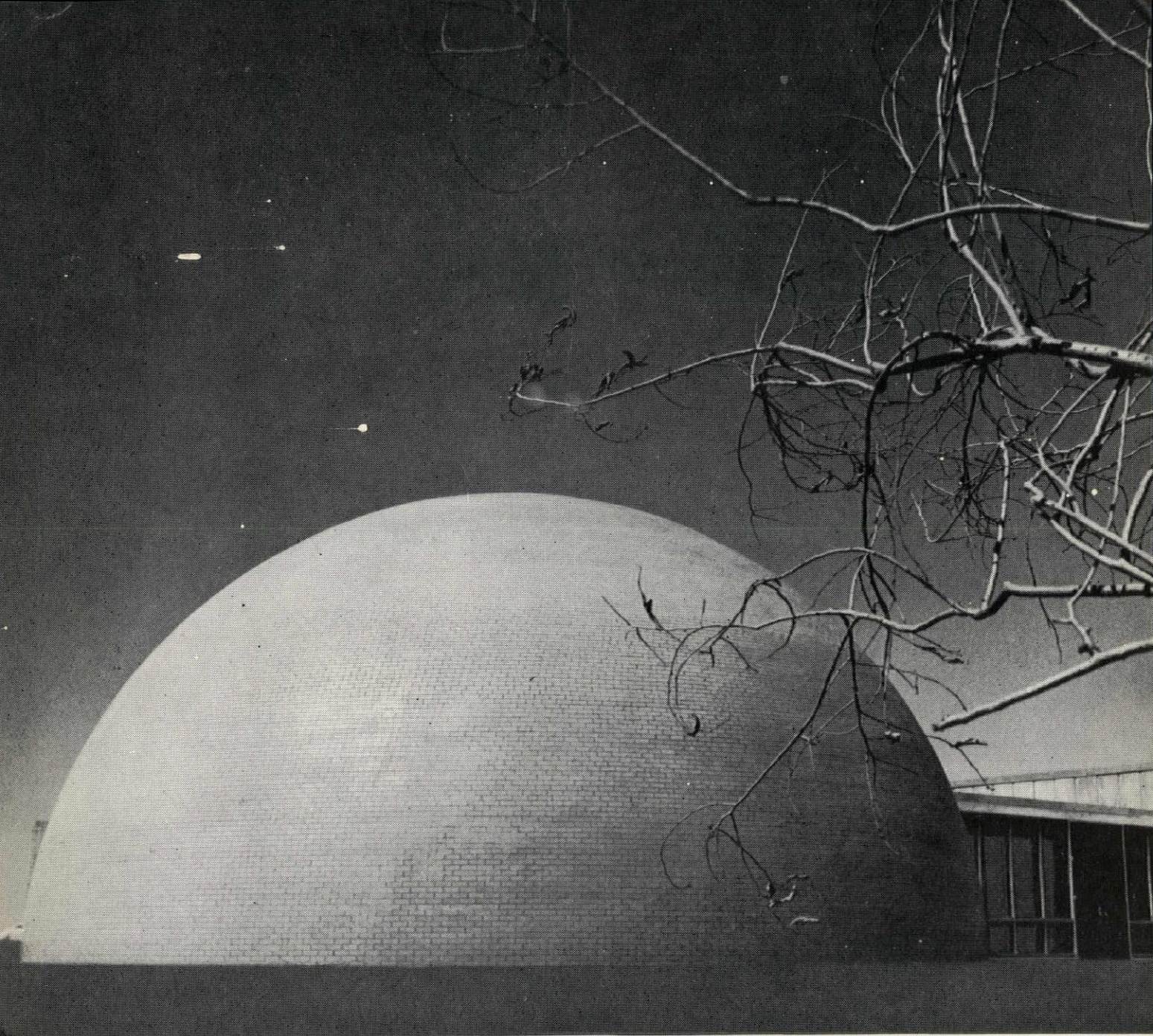
november, 1969



ARCHITECTURE

....WHERE THE

ACTION is!

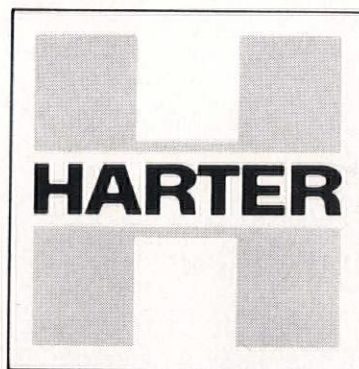
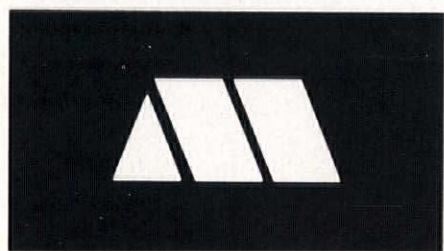
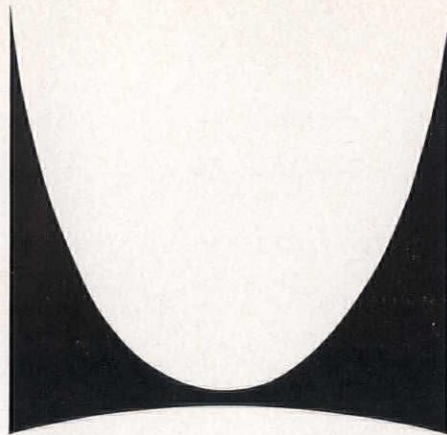
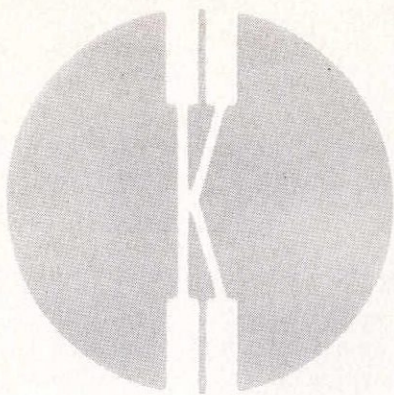


Planetarium, Lamar High School, Lamar, Colorado. Architect: Wheeler & Lewis, Denver, Colorado. Mason Contractor: Robert Eaton, Cortez, Colorado.

They're not making domes like they used to.

A four-inch glazed brick planetarium, built with high bond mortar containing Sarabond® brand mortar additive. Sarabond gives the dome extra strength and weather resistance to meet Lamar's extreme environmental conditions. It's an idea material for architects with ideas. The Dow Chemical Company, 216 Security Life Building, 1616 Glenarm Place, Denver, Colorado 80202. Phone: 343-8660.





We're name droppers

We are proud to mention such names as Knoll, Herman Miller, Art Metal, Harter, Commercial Carpet Corporation, Supreme Systems, Domore, Thayer Coggin, Bigelow, Gulistan, Howard Miller, Georg Jensen, Founders and many more. Great names renowned for imaginative design and skilled workmanship. Great names we proudly offer. These outstanding lines span the full spectrum of design and function from gracious traditional furnishings to the most exciting contemporary . . . including Herman Miller's Action Office II, the revolutionary concept of open office planning that welcomes constant revision with changes in requirements. Yes, we're name droppers. Names of distinguished furnishings you recognize as the finest obtainable. See them all in Seal's showrooms.



FURNITURE, INC.

80 SO. SANTA FE / DENVER / 777-3071

symposia

construction communications in the Rocky Mountain West

OFFICIAL PUBLICATION—WESTERN MOUNTAIN REGION CONFERENCE/AIA

VOLUME 4

NUMBER 6

NOVEMBER, 1969

THIS MONTH

	Page
<i>A.I.A./A.A.M.C. Awards Program</i>	6
<i>Symposia Salute to Harris P. Sharp, A.I.A.</i>	7
<i>Research Contract Awarded by C.S.I.</i>	12
<i>The Last Word</i>	18
<i>Don't Miss It/Utah Architects!</i>	19
<i>A.G.C. to Award Scholarships</i>	20
<i>Urban Design II/New Towns</i> by: Ronn Ginn, Contributing Editor, Urban Affairs	21
<i>Hatami Wins Boulder Competition</i>	24
EIGHTEENTH CONFERENCE/WESTERN MOUNTAIN REGION/A.I.A.	
<i>A Message from President Rex Whitaker Allen, FAIA</i>	25
<i>Hail to the Chief/The Leaders</i>	26
<i>Welcome to Las Vegas—THE PROGRAM</i>	28
<i>On Tuesday</i>	30
<i>On Wednesday</i>	31
<i>Thursday Is Fun Day</i>	34
<i>And Then It's Friday</i>	34
<i>Annual Meeting/Colorado Society/A.I.A.</i>	35
<i>The Winners/1969 S.C.P.I. Award Competition</i>	36
<i>Dates Announced for CSI's Region 10 Conference</i>	42
<i>Symposia/Around the Region</i>	43
<i>Waltz Me Around Again, Willie!</i>	44
<i>New Construction Options at New Mexico University</i>	48
<i>Hail and Farewell/Cook Returns to Regional Job</i>	49
<i>A Reminder/Annual Conference of Joint Committee</i>	49
<i>About the Cover</i>	50
<i>Index to Advertising</i>	50

publisher: Fletcher B. Trunk

editor: Elizabeth W. Trunk

art direction: Bob Hesdorfer

photography: Rush McCoy

circulation: Florence Morrison

A publication of Boyce Publications, Inc. Issued monthly.
Business offices 4070 Estes St., Wheat Ridge, Colorado 80033
Telephone Area 303-422-4153
Controlled circulation postage paid at Denver, Colorado
Copyright 1969, Boyce Publications, Inc.

EDITORIAL ADVISORY BOARD

arizona

Richard M. Arnold, AIA,
Phoenix

James R. Cushing, CSI
Window Rock

Sidney W. Little, FAIA
Tucson

colorado

James Barr, CSI

Don Decker, ABC

W. Patrick Dulaney, AIA

Thomas W. Keeton, Jr.,
CSI/PC

F. Lamar Kelsey, FAIA
Colorado Springs

E. Vernon Konkel, CEC

Bernard P. McMenamy,
CSI-ASHRAE

R. James Noone, CSI

Roland Proett, P.C.

Maxwell L. Saul, AIA-CSI

montana

A. Calvin Hoiland, AIA
Great Falls

nevada

Walter F. Zick, AIA
Las Vegas

new mexico

Bradley P. Kidder, FAIA
Santa Fe

Joe Boehning, AIA/CSI
Albuquerque

Robert Schmidt, FASCE-CSI
Albuquerque

utah

Ashley Carpenter, AIA

Nancy Carpenter
WAL/NAWIC

C. Walter Scott, CSI
Salt Lake City

wyoming

Gerald Deines, AIA
Casper

N. A. Nelson, AGC
Sheridan

CONTRIBUTING EDITORS:

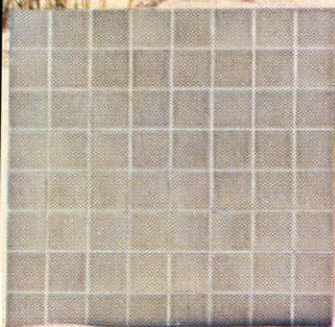
Landscape: F. J. MacDonald,
AIA/CSI Arizona

Urban Affairs: Ronn Ginn,
AIA/AIP/CSI
New Mexico, Florida



Naturally

new Hacienda series from the desert palette...



YUCCA



BUCKSKIN



ADOBE



SAGEBRUSH

From the greatest creator of new colors, from nature herself, the exciting, new Monarch/Marshall colors that recall the rustic adobe of sun-drenched lands. Colors that whisper as a prairie wind through delicately green sagebrush . . . that touch a lonely yucca to capture its indefinable hue. True colors from nature — to bring the serenity of nature indoors, to create restful, meaningful settings for any room. Call or write now for additional information and samples of Monarch/Marshall Hacienda series of ceramic tile.

Monarch
TILE MANUFACTURING, INC.

FACTORY AND GENERAL OFFICE, SAN ANGELO, TEXAS 76901



Marshall Tiles, Inc.

P. O. BOX 1119, MARSHALL, TEXAS 75670

Members of Tile Council of America and the Producers Council





AIA/AAMC Awards Program

Inaugurated in 1966, the Awards Program of the American Institute of Architects and the American Association of Medical Clinics has presented two Awards of Merit within our Region this year. These honors are shared by Wyoming architect, Henry Therkildsen for his Casper Clinic seen in the October Symposia, and by the Glenwood Medical Associates Building shown here.

Category: Clinic to accommodate 7-15 physicians
GLENWOOD MEDICAL ASSOCIATES
GLENWOOD SPRINGS, COLORADO

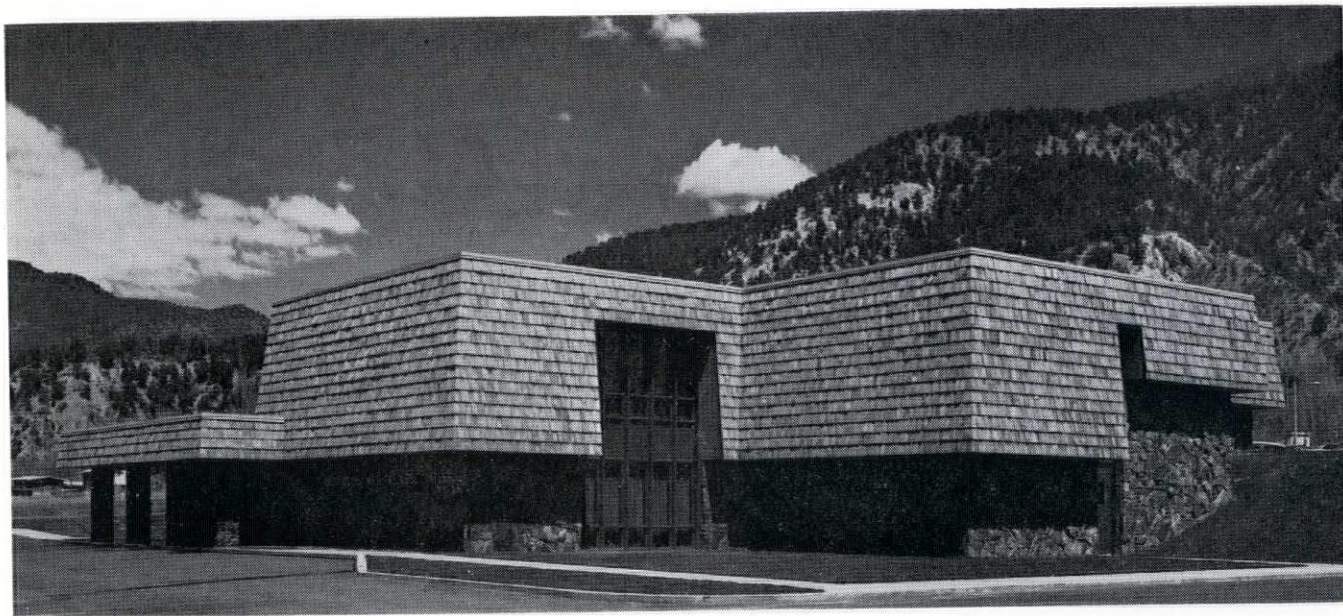
Jury Comment: "Form, color, and variety of materials are blended to create a warm, hospitable environment for patients and staff. The organization of the functions separates laboratory service from the treatment services in a logical, efficient, and simple design. Furnishings and illumination are integrated to provide a relaxed, non-commercial setting for an unobtrusively functional operation."

architects: Ellerbe Architects, St. Paul, Minnesota

Chambliss Associates (Associate Architects) Grand Junction, Colorado

structural, mechanical and electrical engineers: Ellerbe Architects

general contractor: William F. Harwood, Inc.



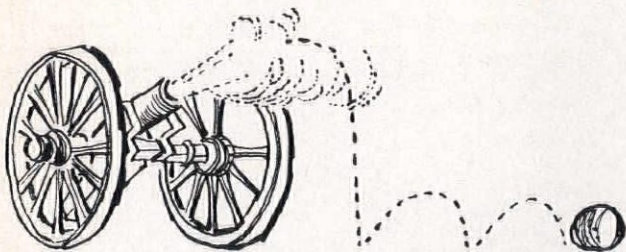
Architect's Statement Concerning Design Problems and Solutions: The immediate objectives were (1) to accommodate an expanding practice of medicine with maximum utilization of physicians' time, and (2) to create physical space for an additional staff of physicians within the next five years. Longer range objectives were to include arrangements for future additions in logical construction stages. To answer these needs, a combination examination-consultation

room concept was developed as a unit module, with each doctor assigned a home room.

Multiples or combinations of multiples of this unit module idea readily accommodate ancillary services such as X-ray, laboratories, etc. It was generally agreed that some facilities such as business office, medical record storage, laboratory and waiting areas should be over-sized for the present practice to facilitate future planning and for reasons of ultimate

economy. The longer range space solution anticipates that the first and second floor will expand to the south utilizing typical examination consultation unit modules. Further expansion beyond will occur on the third floor. A 35-bed hospital exists adjacent to the clinic, and mountain ranges exist to the east and west. The facility is oriented in a north-south direction to take advantage of the warmth from the sun for both pedestrian and vehicular traffic.

a symposia salute



TO:
Harris P. Sharp, A.I.A.
General Chairman, 1969
W.M.R. Conference

Each year, as we gather for the Western Mountain Regional Conference, the General Chairman is accorded our Symposia Salute. He really has it coming! There is another and very special reason this time around . . . Harris Sharp is one of the warmest and one of the finest human beings it is our pleasure to know.

Big frame—big grin bespeak his Texas origins. He attended both the University of New Mexico and the University of Arizona, and graduated in Architecture from the University of California. Following graduation, he did his "bit" as a Gunnery Officer in Uncle Sam's Navy . . . returning to work briefly in the Planning Department at U.S.C.

He gained much of his early professional experience with the firm of W. C. Kruger at Los Alamos, White Sands and the Sandia Base in New Mexico, and on projects overseas. In 1948, he came to Las Vegas. On November 14, 1969—he and his partner, Walter Zick, will celebrate two decades of a successful and happy association.

Harris joined the AIA as an Associate Member of the Los Angeles Chapter in 1941, and was a Founding Father of the Las Vegas Chapter, and later served as its President in 1967. He has served as Chairman of the Nevada State Board of Architectural Examiners, and was a Commissioner for the City of Las Vegas for six years.

He and his wife, Margaret, have "four wonderful kids"—the oldest is Spencer, 26—and Mary and Margaret stair-step down to Martha who is 18 and a high school senior. Both Margaret and Harris share their enthusiasms for golf, hunting, fishing and the out-of-doors.

Our sincerest Symposia Salute to you . . . Mr. Harris Sharp, General Chairman, Architect and Good Guy!

LAKE SHORE INDUSTRIES STEEL ENTRANCE SYSTEMS



Precisely tooled steel permanently bonded to
rigid urethane core

- Shock Proof
- Sound Proof
- Lightweight
- Warp Resistant
- Adjustable Sweep
- Aluminum Sill
- "U" Factor less than .08
- Shelf Adapting Weather Strip

Personality Entrances
Designs for Apartment, Institutions,
Churches, Residences

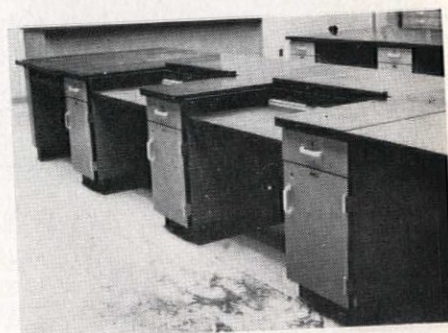
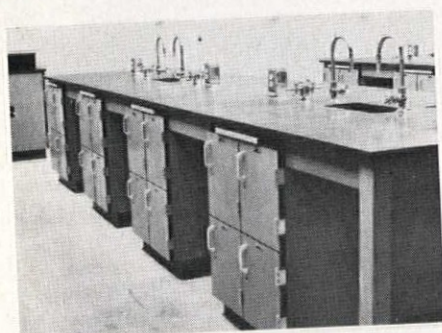
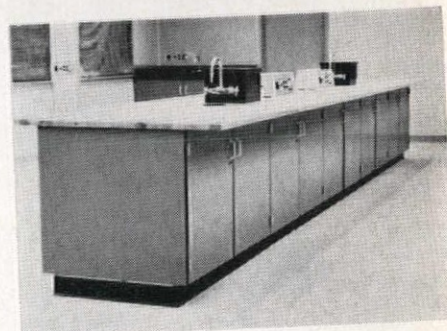
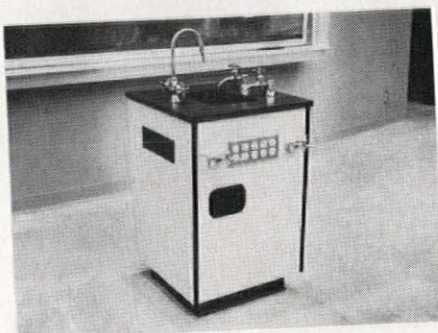
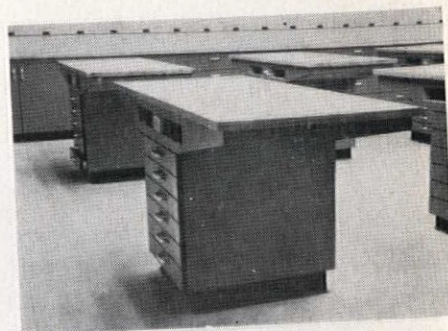
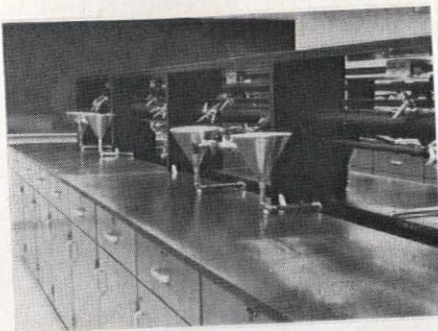
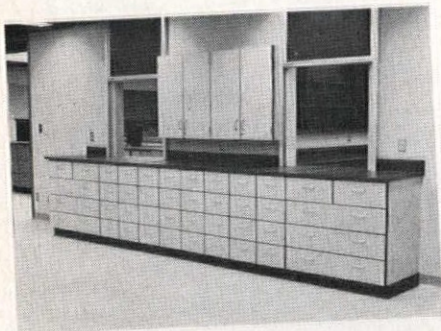
Western Plywood & Door Inc.

755 S. Broadway • Denver, Colo. 80209

303/777-2606

WE CAN MEET YOUR SPECIFICATION FOR LABORATORY EQUIPMENT FURNITURE

GRANITE-LINE



All accessories such as Fume Hoods, Fixtures, Tops, etc., are available with Granite-Line plastic faced or natural wood casework for laboratories requiring the most stringent specifications. Our engineering department can also help you develop your specifications. Check our independent laboratory tests on materials and finishes to make your comparison.

TYPICAL INSTALLATIONS

Science Building Complex
Biological Science Building
Science Building Complex
Mercy Hospital
Andaconda Laboratory
Science Building Complex
Denver General Hospital
Battle Mountain Hospital
Chemistry Building
Utah State Agricultural Lab

Weber State College
University of Utah
College of Southern Idaho

Western States Headquarters
College of Eastern Utah

Idaho State University
State Capitol

Ogden, Utah
Salt Lake City, Utah
Twin Falls, Idaho
Nampa, Idaho
Salt Lake City, Utah
Price, Utah
Denver, Colorado
Battle Mountain, Nevada
Pocatello, Idaho
Salt Lake City, Utah

FACTORY REPRESENTATIVES

Milton J. Merrick Associates
Dyce Sales & Engineering Co.
Structural Systems Distributors, Inc.
Sublett & Associates, Inc.
Granite Mill & Fixture Company

2785 No. Speer Blvd.
P. O. Box 1766
P. O. Box 3829
P. O. Box 716
Direct Sales

Denver, Colorado
Billings, Montana
Albuquerque, New Mexico
Oklahoma City, Oklahoma
Idaho, Nevada, Wyo., Utah

GRANITE-LINE CASEWORK CATALOGED ALSO FOR: GENERAL CASEWORK, LIBRARY, DORMITORY, HOMEMAKING, ARTS & CRAFTS, BOOKSTORES.

Call or Write
Hugh M. Lyman, Jr.

Granite Mill & Fixture Company / 400 West 2nd North / Salt Lake City, Utah 84103 Phone 801 - 521-3222

Gas Energy: The answer to 58,000 different problems at Corning Glass.

Kind of incredible isn't it?
A fuel that is so versatile it
meets critical heat
requirements for over
58,000 different
Corning glass products.

That's why Corning Glass
depends on natural Gas for
almost 99% of its heat
energy requirements.

Gas Energy gives
precise control. The kind of
control needed by a machine
making 2000 light bulbs a minute.
And the kind of control demanded
by a Steuben craftsman slowly
creating a single, delicate
work of crystal over a
period of months.

Gas Energy burns clean.
And costs less. Less for installa-
tion. Less for maintenance.

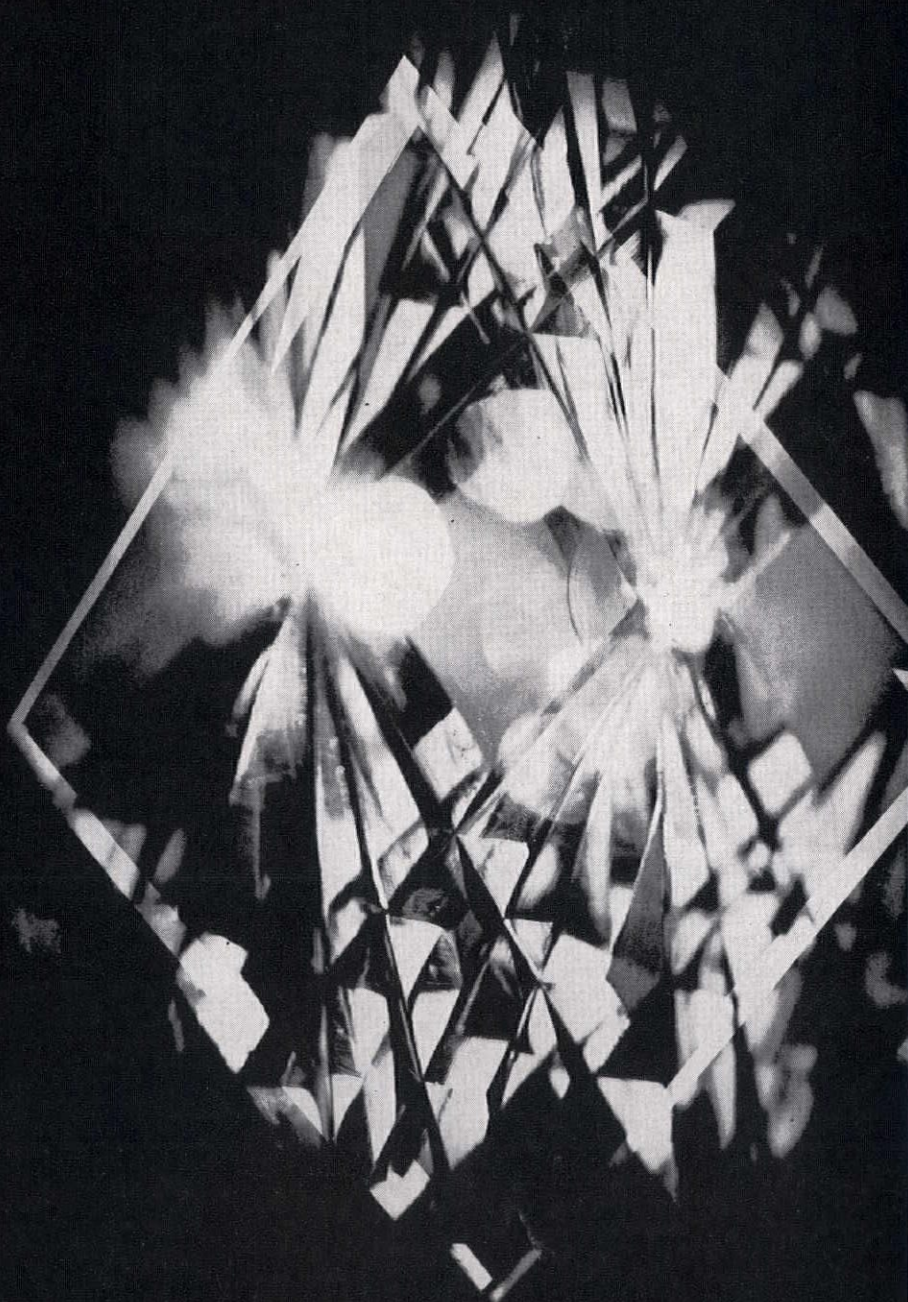
How much more can Gas Energy
do? Find out from your local
Gas Company Sales Engineer. He's
thinking of your future



**COLORADO
INTERSTATE
GAS COMPANY**



PIPELINE DIVISION OF
Colorado Interstate Corporation
COLORADO SPRINGS, COLORADO

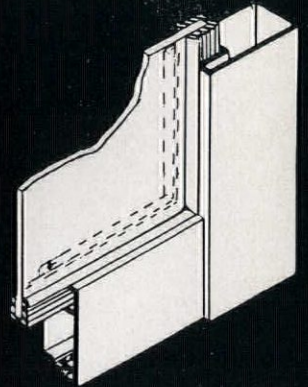
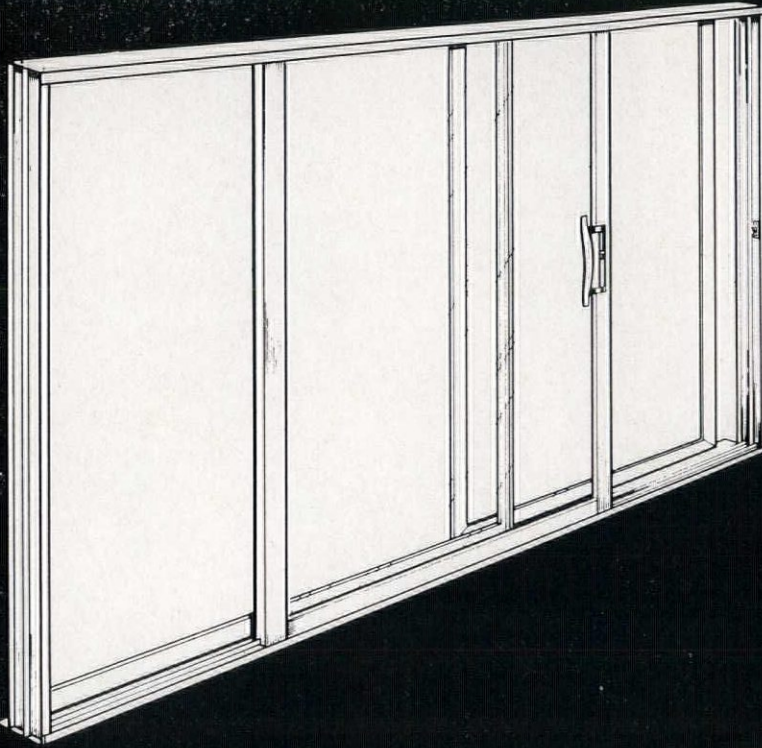


ALUMINUM SLIDING GLASS DOORS

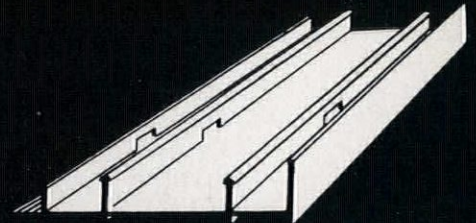
*Quality-engineered for easy installation,
low maintenance and lasting beauty.*

WITH 1" x 1 3/4" TUBULAR SCREEN STILES
(Same Thickness as Doors)

The Versatile 400-900 Series



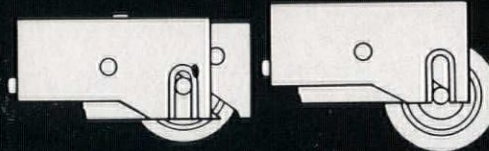
Vinyl Glazing Channel —
Provides "cushion of safety"
between glass & metal



Sloped Sill & Adequate Weep Holes —
Assure water-tight installations.



Tubular Door Stiles — Incorporated smart
trim lines with maximum strength



Adjustable Wheel Carriages —
Plated steel ball bearing wheels

Optional Decorator Hardware — Elegant simplicity is
keynoted in the gracefully sculptured handle with
matching recessed pulls, embraced in satin aluminum,
finished in brilliant chrome and designed for the
most discerning taste. Optional wood handles.

COLUMBINE PRODUCTS:

Residence Steel Casements
Residence Aluminum Casements
Insulating Glass
Sliding Windows

Awning Windows
Hopper Windows
1 1/4" Steel Windows
2" Deep Prestress Windows



COLORADO METAL PRODUCTS

450 Kalamath Street

Denver, Colorado

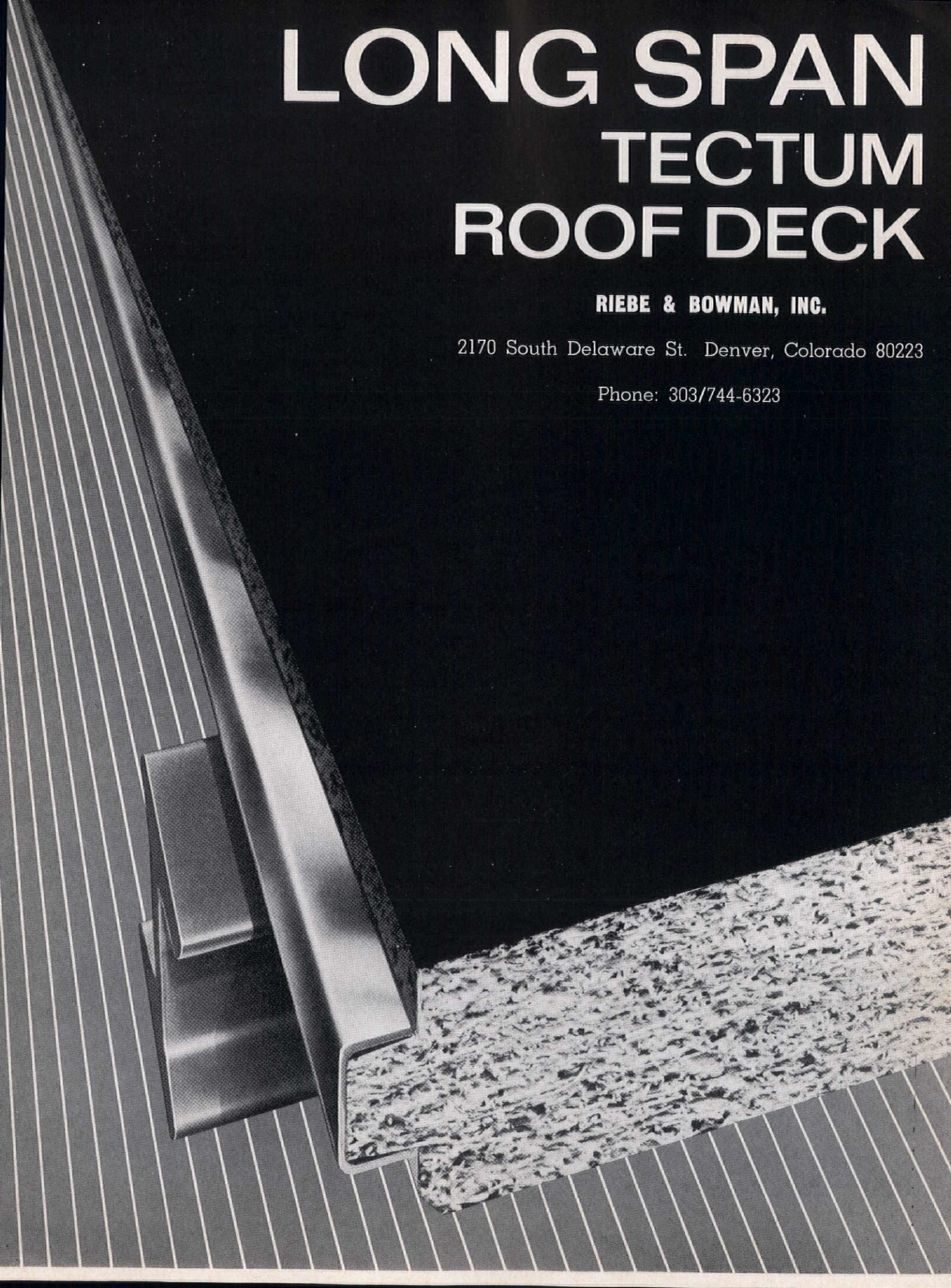
303/266-245

LONG SPAN TECTUM ROOF DECK

RIEBE & BOWMAN, INC.

2170 South Delaware St. Denver, Colorado 80223

Phone: 303/744-6323





Research Contract Awarded by C.S.I.

Denver's own Henry B. Baume, FCSI/AIA, in consort with National President of the Construction Specifications Institute, Arthur W. Brown announced in mid-September the award of a research contract for the development of a national standard system for automated specifications. Early in 1970, the Stanford Research Institute (SRI) winner of the contract award, will deliver a software specification which will provide the system standard for the construction industry. Under prior research contracts, SRI has defined various levels of specification automation for the Institute. The present contract will provide Level III and IV sophistication which will operate at the practical limit of the existing state of the art. The newly developed system of specification automation will incorporate the most modern techniques and operate in today's environment utilizing the best technology available.

Both Mr. Baume and Mr. Brown emphasized the importance of providing the construction industry with a common specifications system which will serve not only the design professional, but constructor, materials supplier and owner as well. It is, of course, recognized that the selection of the specific specification text now, and in the immediate future, must remain with the designer which places the emphasis on the system rather than a master text. The requirement for specific tailored documents, the CSI spokesmen said, is dependent upon the scope and size of practices and the different construction constraints which exist because of jurisdiction and locations. These constraints, however, do not preclude the development of a general software system for the automated manipulation of a specification text, its storage, modification or printing.

The open-ended system to be developed will provide a nationwide opportunity for the individual practitioner to obtain service in specification automation through a local data processing service or bureau. The individual design

firm equipped with even the rudiments of a basic master specification text will be able to store his specification text, modify and retrieve, and produce a job-tailored specification ready for print on an individual project. The open-ended specification will provide architects, engineers and specification writers with a proven specification processing system. The development of the system will be enhanced by the ability of building materials producers to enter their literature and specification data in a companion library for information storage and retrieval.

This open-ended specification system will serve as the cornerstone for the future Level V construction communication and information systems. These future high-level systems even now under research development will permit the automation of graphic material, the handling of information on construction standards, codes and materials, data for cost estimates, accompanied by systems for project management and controls.

Baume and Brown pointed out that a large number of the professional design firms are of relatively small size and therefore find the cost of developing an automated specification system on an individual basis prohibitive. On the other hand, the data processing service bureaus do not have the knowledge of the construction design practice to permit them to develop such systems. With the CSI Research Foundation acting as the catalyst, Stanford Research Institute will develop a single set of criteria for nationwide software development. This single package will provide data processing services with a specification for an automation system which will satisfy the needs of most designers. Regardless of his location, or the service bureau utilized, the designer will have to become acquainted with but one system, and this one tailored to industry standards.

CSI and the CSI Research Foundation are keenly aware of the need to improve construction techniques. Their provision of this system is one of their continuing contributions to industry improvement. The ultimate benefits will accrue to both the public and private sectors in our country.



*polished terrazzo
cast concrete*

"A name that really means what it says"

ARCHITECTURAL CONCRETE,
INC.

5880 Sheridan Blvd. Arvada, Colo. 80002

Phone (303) 428-5021



Who can serve all of your energy needs ...best?



McCoy's Total Service Engine Center.

Whether you are an architect, consulting engineer, electrical contractor or building contractor . . . McCoy's Engine Center personnel can serve you. They are experienced specialists who know and 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 . . . whether it may be a Total Energy System that supplies all full time power needs on site, or a Caterpillar Standby Power Unit that picks up when outside power fails. For help with either new power or repowering of existing systems, you're invited to use our engine center to maximum advantage. It's the first Total Service Engine Center in Colorado, designed to meet your needs and those of your clients . . . best!

McCOY CO.

*Caterpillar in Colorado • 6000 Dahlia • Commerce City, Colorado • 288-2621
Durango | Grand Junction | Pueblo*

Caterpillar, Cat and Traxcavator are Registered Trademarks of Caterpillar Tractor Co.

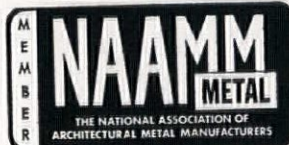


HOLLOW METAL
doors—frames—panels
Manufacturers—Warehouse Stock

KOOLSHADE®
Sunscreen

W. RAY CRABB, INC.

471 Kalamath
Denver, Colo.
303/534-5101



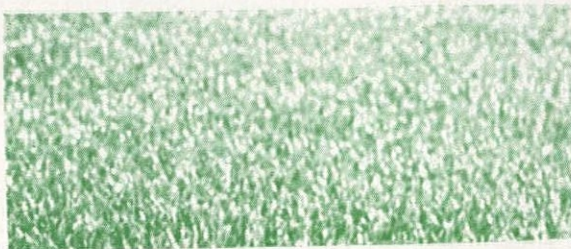
NEW KIND OF GRASS

Chemgrass®

LANDSCAPING SURFACE BY Monsanto

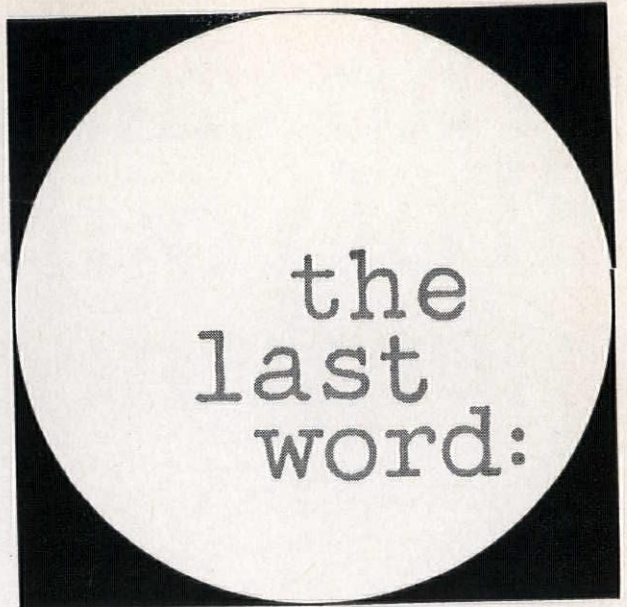
NO GROW. Chemgrass looks like Bluegrass in the Spring. An
NO MOW. amazing Polyethylene land-
NO H₂O. scaping surface developed
by Monsanto Research.

Chemgrass installs like carpet. Unroll it and staple it to prepared earth or glue it to hard surfaces. Chemgrass will eliminate those grass problems at Homes, Motels, Service Stations, Shopping Centers and All Landscape Areas.



Astro Surfaces Co.

2025 South Holly 303—757-7691
Denver, Colorado 80222



Colorado Constructors, Inc., heavy and highway company of Denver, has been acquired by Gordon H. Ball, Inc., California, a subsidiary of the Dillingham Corporation of Honolulu. Chris Eastin will continue as manager of the Denver operation which will operate throughout the Rocky Mountain Area. Mr. Eastin is First Vice President of the Colorado Contractors Association (Heavy-Highway Chapter of the AGC).

Salt Lake City's Producers' Council (Intermountain Chapter) will present their annual Award of Merit to the "Architect-of-the-Year" at the luncheon meeting to be held at the Rodeway Inn on November 17th. Last year's winner was Symposia Editorial Board Member, Ashley Carpenter.

1420 Larimer Square is the new home for the new architectural firm of John McMorran, Thomas Obermeier and Eliot Goss. The trio was formerly with James H. Johnson and Associates of Denver.

CSI's Western Section Director, George Petty (Monarch Tile, Phoenix) has been a travelin' man lately. On September 11, he was in Denver for the regular second Tuesday meeting. On September 22, he was in Tucson for their first Installation and Awards Banquet.

UTAH ARCHITECTS!

Get out your best bib and tucker!
Make a date with your best girl!!
Circle DECEMBER 4 on your calendar
It's the AIA/PC Winter Fun-Fest at
the Willowcreek Country Club!

DON'T MISS IT!

The 1970 Convention of the American Institute of Landscape Architects will be held January 22-25 at the Hilton Inn in San Diego. That is . . . the Hilton is the base of operations, there is a day in Mexico on the agenda with an Installation dinner to be held at the Rosarito Beach Hotel. Sounds plush!

Recently appointed Commissioner of the Bureau of Reclamation is the former Utah resident, Ellis Armstrong. This Presidential appointment pleases a large group of Western engineers--particularly his friends in the Consulting Engineers Council/Utah. Congratulations!

The Associated Building Contractors (Colorado's AGC Building Chapter) has scheduled their Annual meeting for December 6. James S. Brown, Jr. (Brown-Schrepferman) has been appointed Chairman of the Arrangements Committee.

Named president and general manager of Colorado Metal Products Corporation--Hans Schuster, well known Denver and European Industrial engineer. This is part of the diversification and acquisition program initiated by Chairman of the Board, Leslie G. Taylor.

George Zimmerman of William G. Zimmerman Architectural Metals, Inc., has been appointed the ABC (Colorado Building Branch/AGC) member of both the Iron Workers Local #24 Joint Apprenticeship Training Committee and the Board of Trustees of the Apprenticeship Training Trust Fund.

Nelson Distributing Company

Acquires

Rushton Distributing Company, an established leader in the field of floor and wall coverings. Len Rushton, who heads our new floor and wall covering division, recommends Parkwood laminates, carpeting by Triton and Mannington Mills and other leading brands.

Opens

a new Showroom soon! Finishing details are now in progress on this new addition. Watch for our Grand Opening date and Open House.

Continues

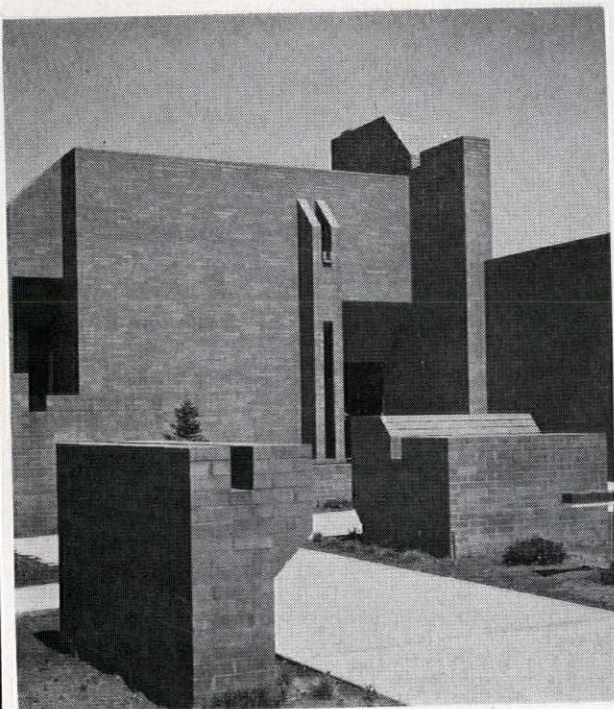
to represent fine lines that are incorporated in distinctive homes throughout the Rocky Mountain West. Complete specifications are available on:

Corning's indestructible Counter Saver
Jenn-Aire's revolutionary Indoor Bar-B-Q
and Range
Dwyer's complete Compact Kitchen
Yorktowne, the apartment builder's
Cabinets

NELSON
DISTRIBUTING
917 WAZEE STREET / DENVER, COLO.
TELEPHONE: 292-3290

AWARD OF EXCELLENCE

architect: Rogers, Nagel, Langhart
designer: Arleigh Rinehart



The Kissinger Building, Denver, Colorado

1969 S.C.P.I./A.I.A.
Awards Competition

"A strong sculptural statement"
"One material achieves unity, dignity, harmony . . .
never monotony . . . but rather a sense of vitality
and variety."

Jury.

STRUCTURAL CLAY
PRODUCTS INSTITUTE

2680 18th Street

Denver, Colorado

Phone 455-4791

Rex Allen, FAIA, President of the AIA, has announced the appointment of William L. Slayton as Executive Vice President of the Institute. Mr. Slayton has been President of the Urban America, Inc. and will assume his new position in the new year. Bill Scheick, FAIA, who has been Executive Director since 1961 will remain with the AIA on a special assignment basis.

On November 20th, the Women's Architectural League of Utah will have a "Show and Tell" party at the home of Jean Wehrli, wife of Dr. Robert Wehrli of the University of Utah. Some great ideas are expected for putting the "Merry" in Christmas.

Sym Slater of Slater, Small and Spenst, the Denver architectural firm, has sent along this announcement--James F. Paull has been made an Associate of this fine organization where he has been employed for the past seven years. Mr. Paull is a graduate of the University of Virginia and was a commissioned officer aboard the USS Forrestal--CVA 59. He is a member of Alpha Rho Chi and the Colorado Society/AIA.

A.G.C. TO AWARD SCHOLARSHIPS

Plans have been announced by the Associated General Contractors of America to award three scholarships in March at the A.G.C. Annual Convention which is to be held in New Orleans, Louisiana. The Scholarships of \$4,000 to \$6,000 for outstanding High School seniors will be provided by the A.G.C. Education and Research Foundation. Founded to promote construction education and research for the public good, the Foundation is a separate non-profit educational and scientific corporation.

The A.G.C. Scholarship Awards will be based on written applications which will indicate the applicant's interest in a construction career, financial need, scholastic qualifications and extra curricular activities. Applicants will be screened and winners selected by the A.G.C. Education and Research Foundation's Board of Directors. The scholarships will be renewable each year providing the recipient maintains an adequate grade average, and is employed during the summer months in some aspect of the Construction Industry. Members of the Associated General Contractors throughout the region may obtain applications for the Scholarship program from their local AGC offices or from the AGC Education and Research Foundation, 1957 E Street, N. W., Washington, D. C. 20006.

urban design

: new towns **2**

Architect Ronn Ginn,
Contributing Editor Urban Affairs

SECOND IN THE SERIES

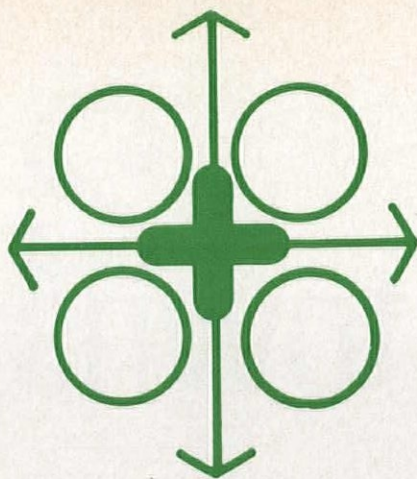
The idea of planning organized urban growth centers, or New Towns, is not new. Since the twelfth century, planned communities, in one form or another, have been developed to accommodate physical and social needs of expanding population in center cities. In 1190 the city of Bern, Switzerland was founded as the result of a regional "New Towns Policy" envisioned by the medieval house of Zähringen. The success of this planning is, of course, measured by the fact that the city is now the country's national capital, has a population of 200,000 and is still the center of a large urban region while retaining the essence of its original foundation. All in all, the dukes of Zähringen built twelve new towns in the hundred year history of their dynasty, once located in the German heartland. These towns were founded within a few decades, most prosper today, and none have disappeared. Zurich, Europe's worldwide financial center, is another of the Zähringen Towns.

Further historical research into past new town development reveals several well known cities of today were the result of an organized pattern implemented by talented designers and planners. Vesinet, in France, was designed by an architect in 1859 and built on a former hunting forest. The national capital of Australia, Canberra, is the result of a 1910 international design competition won by an American architect. In England, Letchworth was begun in 1902 as the first complete community using Ebenezer Howard's garden city concept. Welwyn, built in 1920 as the second garden city, is now the center of the British film industry. The United States has produced two such well known planned towns of the past in Radburn, New Jersey and Greenbelt, Maryland. While the pace of new town planning has accelerated quite rapidly in this country the past five years, it cannot match the activity presently underway in England. Since passage of the British New Towns Act in 1946, that country has planned, designed, and implemented, in various phases, 27 designated new towns—all of course, based on Howard's idea of combining open space with big city comfort and social opportunities. From Harlow and Stevenage near London, to Cwmbran in Wales, to the well known award winning Cumbernauld in Scotland, England has moved progressively forward to end the seemingly endless sprawl of big cities and built towns designed for healthy living offering a full measure of social life and civic pride. Social, economic, and physical urban needs, of course, have no political boundaries. Other countries, too, have found that the successful example of England may be applied in their lands. New seats of government have sprung out of previously vacant land: Chandigarh in India, and Brasilia in South America's largest nation. Holland is presently building two new communities, Bijmermeer and Amstelveen, as part of her City Fringe Plan to surround Amsterdam. In West

Germany it is Markisches Vierthel, a complete city designed to meet the needs of the expanding West Berlin population. Tapiola in Finland, and Farsta, Hasselby, and Vällingby in Sweden are excellent Scandinavian examples, and the Soviet Union has Bratsk, Angarsk, and Akademgorodok. On the homefront, new towns of all shapes and sizes are in various stages of development. The most famous of these being Columbia in Maryland, and Reston in Virginia—both independent satellites near Washington, D.C. While there are many others in the United States presently being planned and implemented, many more are needed in the near future to accommodate 150 million more Americans by the year 2000. New towns such as Sunpoint in Florida, Havasu in Arizona, and Valencia in California are well done complements to Columbia and Reston planning and design techniques, but are only a portion of the 50 complete new cities needed just to keep up with the projected population growth in this country alone.

NEW TOWN TYPES

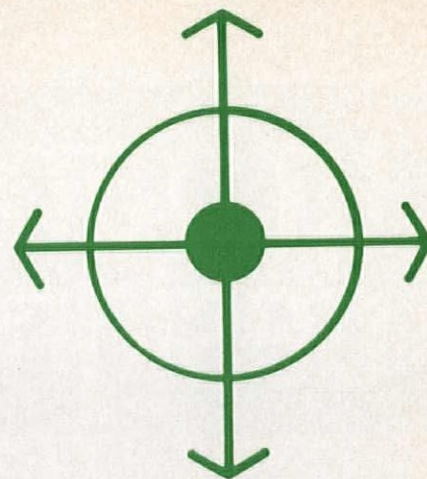
While the various new towns may vastly differ in location, use, and size, they can be classified as basically one of three recognized planning types; each one is equally feasible, and all are necessary to satisfy the projected need for the new urban centers. However, the planning and design development criteria differ considerably in the problem-solving of each. The first potential new town type is one developed around an existing small community located near a large metropolitan area. The basic planning criteria needed here are adequate transportation arteries to the metro center, an expanded CBD, adjacent open land for residential community growth, and, of course, flexible zoning. This type of New Town is a completely independent and self-sufficient entity from the beginning, yet may also serve as a satellite to the metro center. A second type is located on vacant land, and must be carefully planned for phased implementation. This New Town design also requires proper transportation to the larger centers, as well as a continuous parcel of land—approximately 1,500 to 15,000 acres depending on the size and density needed in the area. It is rare that a development group is able to procure such a large single tract, and even when it is purchased and planned, further risk is taken as implementation is begun. It is the nature of this type of New Town that the first phase is nothing more than a residential subdivision and many years pass before the town becomes wholly self-sufficient. This dependence also requires closer proximity to the larger center—another reason for single land purchase difficulties. But worst of all, the first residents of the community are continually on public display and exhibition—much to their chagrin.



EXISTING ...



OR OPEN ...



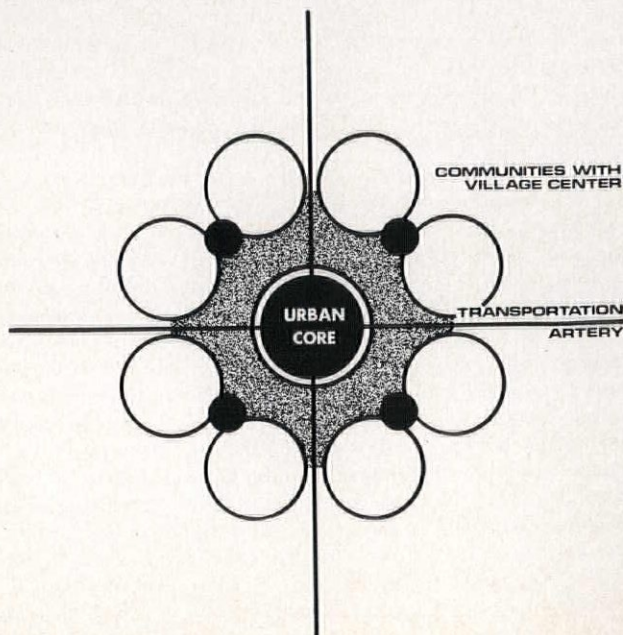
OR FRINGE ...

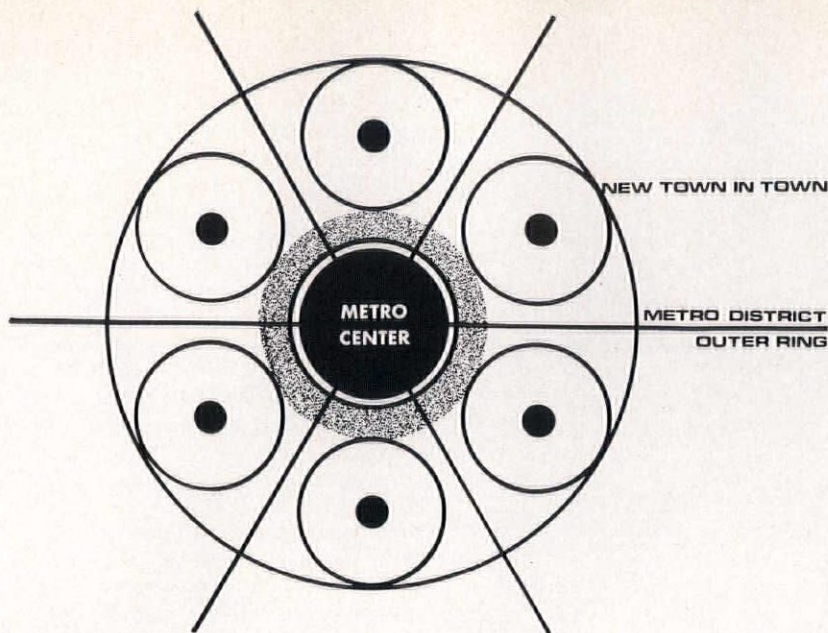
Finally, there is the New Town In Town, or the dependent satellite located within easy commuting distance to the metro center. This third type is also called a fringe city, sometimes within the city limits of the center, sometimes not. The basic development here is characterized by a vast amount of residential dwelling, but if properly planned will have a balanced land use necessary for economic strength and growth even though the major portion of the population may commute to the metro center daily. Whatever the character and nature each of these have which may differ in criteria, the challenge all offer is common: to provide through planning and design, an organized and phased growth structure for a balanced economic and social environmental system.

NEW TOWN CONCEPTS

The simplicity of a New Town is underscored by the fact that it is nothing more than a place to live, shop, work, play and enjoy. Since the collective wants, needs, and desires of people vary little from these four basic staples, the planner and designer has the task of expressing them into a social, economic, political and physical plan of organized growth. Unfortunately, sometimes this easy task becomes the nemesis of the professional and the results are a burden to the community. However, it still remains, New Town planning is composed of four major elements: the urban core or downtown, communities with village

service centers, major and minor transportation arteries, and parks and open space linkage. Within each is a complex of uses which reflect recommendations as established by feasibility reports and surveys. For instance, the overall ultimate population may be anywhere from 25,000 to 150,000; the downtown may have a civic center, a transportation center, a hotel and convention cluster, office and commercial activity, and a large retail shopping area; six to ten complete communities may be in the towns, each with educational and small shopping areas, a variety of townhouse, garden, and high-rise apartments as well as single family dwellings; one or two interstate highways may cross or link within the limits of the town, providing access to parking and storage facilities in the core and transportation center in addition to routes in the communities; and the survey criteria may call for one or two golf courses, several city parks, natural lakes or woods, plus university and hospital acreage. A viable and active independent New Town must also have planned and phased commerce and industry for sound economic diversity. The two drawings illustrate in schematic form the simple concept of these New Town ideas. The independent, self-sufficient town is shown with an urban core as the catalyst of surrounding community areas, with an integral parks and open space system—all tied together by adequate transportation arteries. The New Town In Town idea is simply an extension of the former—a downtown, community areas, parks and transportation—yet located within the protective confines of the metropolitan district outer ring. The successful design, planning and implementation of a New Town idea will depend heavily on the organizing and structuring of all affected areas of expertise needed to develop such a vast and complex environment. This, of course, is the foundation of the Concept Team approach. This comprehensive social, economic, governmental, and physical planning team is necessary regardless which type of New Town is proposed. The Concept Team may vary in number, expertise, and leadership—according to the particular nature of the program—but will always reflect the comprehensive approach to problem-solving of the four main groups. The basic composition of this team is usually made up of a social planner, psychologist, economist and market analyst, attorney, educator, political scientist and public administrator, city and regional planner, imagineer, and landscape architect with an architect and urban designer serving as the catalyst. This team will also, from time to time, have many and varied consultants called in to work with one or two of the full time members to help solve a particular problem. For instance, the educator may need the expertise of a religious group, a community programmer, or a communications expert. Whatever the problem, the strength of the Concept Team



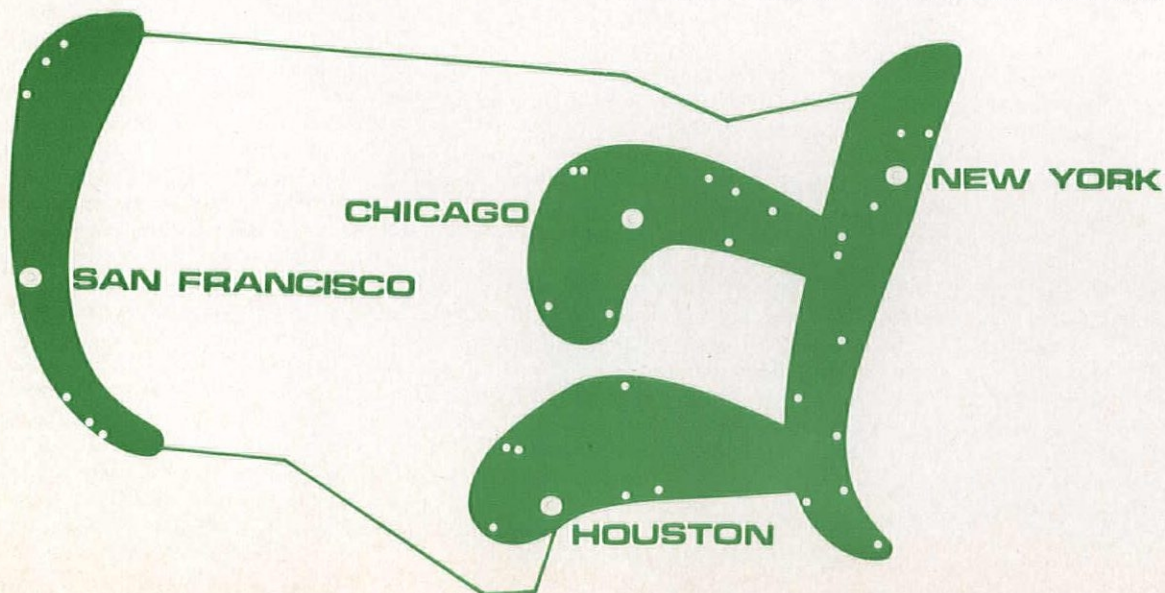


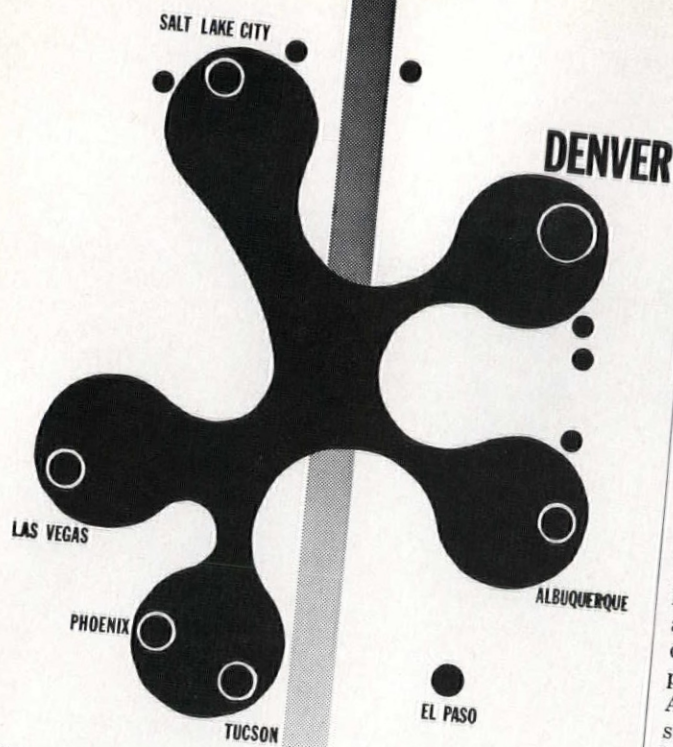
is in its ability to recognize the need as well as call on any professional in the field to satisfy that need—which in turn becomes a part of the comprehensive environmental development of the New Town.

NEW TOWN NEEDS

Author Norman Mailer has written a classic description of our existing urban centers: "Chicago is the great American city. New York is one of the capitals of the world and Los Angeles is a constellation of plastic, San Francisco is a lady, Boston has become Urban Renewal, Philadelphia and Baltimore and Washington wink like dull diamonds in the smog of Eastern Megalopolis, and New Orleans is unremarkable past the French Quarter. Detroit is a one-trade town, Pittsburgh has lost its golden triangle, St. Louis has become the golden arch of the corporation, and nights in Kansas City close early. The oil depletion allowance makes Houston and Dallas naught but checkerboards for this sort of game. But Chicago is a great American city. Perhaps it is the last of the great American cities." The beauty of this descriptive prose becomes more meaningful when we realize that each of these centers, regardless of the personal image that each portrays to the individual, are the nucleus of vast megalopoli covering the far reaches of the United States. New York,

Boston, Philadelphia, Baltimore and Washington are centers of the East Coast Megalopolis stretching from Maine to and including the State of Florida. San Francisco and Los Angeles are part of the West Coast Megalopolis—from Vancouver to Tijuana. New Orleans, Houston, Dallas and Fort Worth form part of the connecting Southern Megalopolis; while Kansas City, St. Louis, Chicago, Detroit, and Pittsburgh are urban centers in the Midwest Megalopolis linking with the East. Within each of these areas lie the fertile ground for design, planning, and implementation of the New Town Idea—either in existing communities, on open land, or located on the fringe of these or other large cities within the framework of the four great megalopoli. The potential for a fifth, yet distinguishingly different megalopolis is slowly fermenting in our great Rockies Southwest. The great metropolitan centers of the Rocky Mountain Area—Salt Lake City, Denver, Albuquerque, El Paso, Tucson, Phoenix—form a huge arc or crescent intersected by the Continental Divide, yet linked by the country's vast interstate highway system, and numerous national forests and reservations. These cities serve as regional nodes to several smaller, yet vital communities located along this crescent; Provo, Ogden, Laramie, Cheyenne, Colorado Springs, Pueblo, Santa Fe, Las Cruces, Las Vegas. This Crescent of the Rockies is also





Shadow of Things to Come: An abstract of the Crescent of the Rockies—formed by the Metropolitan Centers with Denver as the nucleus, connected by the forest, reservation, and open space linkage, and split by the Continental Divide.

Boulder Competition Selects Architect/Planner Hatami for: **CIVIC CENTER IN A PARK**

In late September, a distinguished Jury selected the design prepared by Hatami and Associates of Denver, Colorado, from among thirty-two entries in a competition for a plan for a new civic center for Boulder, Colorado. Judges included three architects, Roger Montgomery, AIA, Professor of Urban Design, University of California; Laurence Anderson, FAIA, Dean of the School of Architecture and Planning at the Massachusetts Institute of Technology; Charles Haertling, Architect and Boulder City Councilman. Other jurors were Robert W. Knecht, Mayor and Chairman of **Boulder Tomorrow, Inc.**, and the eminent scientist, Dr. Walter Orr Roberts, Director of the National Center for Atmospheric Research. Professor Dwayne C. Nuzum, School of Architecture, Colorado University, served as Professional Advisor and the Competition, as defined by the American Institute of Architects, was an Open Class A type open to any architect registered in the State of Colorado. Seeking a solution which would even-

tually bring to Boulder a "civic center within a park," the Jury was most impressed with not only the number but the high quality of the submissions. After two days of deliberations, the Jury awarded first, second and third places with six additional projects selected for honorable mention. The Hatami firm came away with \$9,000, which will be applied to the commission as the architect for the Civic Center; Rogers/Nagel/Langhart won the second place award and Easton-Grabow and Associates of Boulder won third place; both firms received \$1,000.

Implementation of the Hatami design must await approval by Boulder citizens in an election approving General Obligation Bonds for the initial stages of the program. Tentatively scheduled for February, this election will determine the acceptance of a far wider scope program prepared for Boulder by Victor Gruen and Associates, the firm which has promulgated the "Boulder Tomorrow" scheme. Marvin Hatami, Iranian by birth, ed-

linked by many, many smaller communities which the design professionals in the area could organize into viable and active New Towns serving the urban centers. With Denver as the nucleus of this vast crescent, the urban environment of each of the six metropolitan areas offer enough complementing economic variety to give rise to one of the strongest megalopoli of the future. The potential exists, but the challenge is great. As in many cities throughout the United States, these metropolitan centers have many common social, economic, political, and physical problems in their urban areas. These problems are today's challenge because it is only through a comprehensive revitalization of the urban areas that these nodes will take shape and be able to assume their proper and vital role in the progressive development of the great Rocky Mountain Area.

This is where the design professional has the opportunity to participate in these development programs—programs which emphasize all social, economic, political, and physical expertise working in concert to deal with the multiplicity of problems in these urban areas. The designers, through their professional organizations, should play a leadership role in each of these communities to foster awareness, understanding and interest in and support of comprehensive architectural, urban design and planning principles among its citizens—both public and private. A great potential exists, but each community large or small, must search for its own talent to aid in that city's long-range development programs, yet each must be constantly aware of its role as an integral part of the great Crescent of the Rockies.

The third in Mr. Ginn's series on Urban Design: Governmental Programs will appear in the January, 1970 issue of Symposia.

uated at the University of Teheran, University of Colorado and Yale, is no stranger to Symposia readers. We met him first in a Symposia Salute in April of 1967. At that time, he was a member of the firm of Baume/Polivnik/Hatami, and the author of Denver's Urban Renewal Project, **Skyline**. He continues in this capacity today.

A more comprehensive coverage of the Boulder project is in order. Therefore, such a feature is planned for a future issue, and we confine ourselves at this time to a mere mention of both the Competition and the first place winner. Hatami's winning entry has much to commend it beyond its original conceptual design. It was superbly developed to fit financial funding through a three-step process to final fruition.

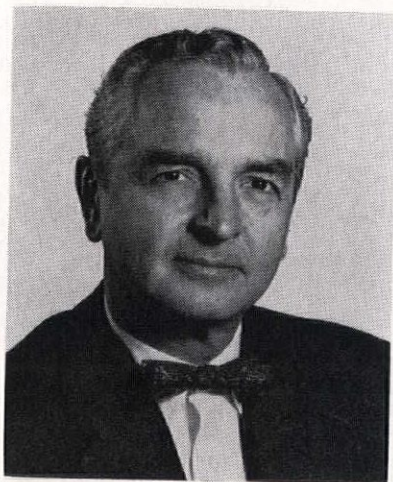
Symposia would congratulate all firms who have entered this challenging competition. It has been a demonstration of ability throughout not only our Region, but of the entire architectural community to answer urban problems on a scale commensurate with the needs of cities less than metropolitan (or megalopolitan) in scale. It indicates most clearly the architect's response to the Challenge of the Future.

ARCHITECTURE

WHERE THE
ACTION IS

a. i. a. western mountain regional conference

las vegas, nevada
november 10-14, 1969



Rex Whitaker Allen, F.A.I.A.
President
The American Institute of Architects

One of the most stimulating aspects of being President of the American Institute of Architects at this point in history comes from observing and being part of the changes which are taking place—both in our society and in our profession. The recently completed Report on the Future of the Profession, soon to be published by the University of Illinois Press, foretells in dramatic fashion what our future may be.

When we try to think about the future, most of us, I believe, feel like a man walking through cold mountainous country in a dense fog. His next step may be a very long one, but if he stands still, he'll freeze. In an analogous situation, we grope for a match, hoping to produce enough light so that we can see where we're going.

We had a blinding flash of what the future might be like recently when, before our incredulous eyes, we saw the first man walk upon the moon. Now scientists can determine the origin of that neighborly satellite and perhaps unlock some of the secrets of the universe.

Yet, for many of us, the significance of the thirty-billion-dollar Apollo program isn't that we can find out whether the moon is made of rock or glass, even that man can fly in space.

The deeper importance of the program, I believe, lies in the fact that it has proven, for all to see, that we can set a high national goal, assemble the skills to meet it, create a market to supply it, and build the hardware to carry it out. The second most astonishing thing, is that all of this was done without the accumulated wisdom and experience of the building industry. The Apollo technicians did it without our producers, without time-tested materials and products, without the industry's panoply of design professionals, without the expertise of our contractors and labor force—even without the guidance of our many instructive codes, standards, ordinances, and regulations.

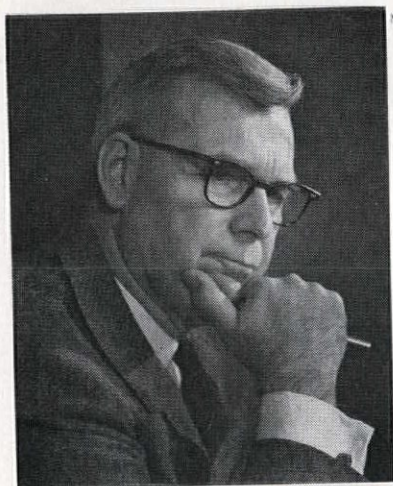
There is a third point to be made about Apollo, however, and it bears upon the capacity of man, not simply to see into the future, but to influence it.

It is this last point, and the conviction that the architectural profession can and should have a part in shaping the future, at least of man's physical environment, that provides the theme for next year's convention in Boston—"The Architect in a Dynamic Society." The challenge is there—will you pick up the gauntlet?

symposia presents:

*The leaders you will meet at
the eighteenth conference of
the Western Mountain Region
American Institute of Architects*

hail to the chief



Robert F. Hastings, FAIA, PE, President-elect of the American Institute of Architects. Mr. Hastings heads the Detroit architectural, engineering and planning firm of Smith, Hinchman and Grylls Associates, Inc. An honor graduate in architectural engineering from the University of Illinois, he has maintained a deep and lasting interest in education, serving on Advisory Committees to Schools of Architecture in many areas of the country. He was elected to Institute fellowship in 1961, and in 1965 received the M.S.A. Gold Medal for his distinguished achievements in the practice of architecture and for devoted service to education, the profession and the Institute.

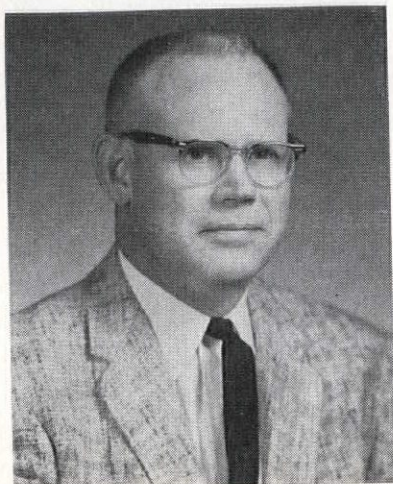
His distinguished contributions to the A.I.A. cover many years. He has been president of the Detroit Chapter, vice president and treasurer of the Institute and is currently first Vice President and President-elect, Chairman of the Council of Commissioners and the Planning Committee. Mr. Hastings is also a member of the National Society of Professional Engineers and the American Society of Civil Engineers.

The Western Mountain Region is highly privileged to have him "among those present" in Las Vegas this November.



Sidney W. Little, FAIA, Director of the Western Mountain Region. It is difficult to believe Sid didn't always "belong" to the WMR. Born in Buffalo, New York, he graduated from Cornell, did post graduate work at the University of Pennsylvania, the Ecole Beaux Arts in Fontainebleau, and received his Master's from Tulane. He began his academic career at Clemson College, spent almost a decade at Alabama Poly Institute, and in 1946 became Professor of Architecture and Dean of Fine Arts at the University of Oregon. In 1958 he came to the University of Arizona in Tucson where he was Dean of the College of Fine Arts, Head of the Department of Architecture . . . and finally in 1964, Dean of the College of Architecture. He has been President of the Southern Arizona Chapter, the Arizona Society and in 1967 became Director for the Western Mountain Region.

Dean Little is a reserve Lieutenant Colonel in the U.S. Army and served with the OSS in China and Southeast Asia in World War the Twice. He has traveled widely and authored many books and articles. He is married, and all we can say about Mrs. Sidney Little is that in the Western Mountain Region "our hearts belong to Kitty." The good Dean has been a member of Symposia's Editorial Advisory Board since 1967.



John E. Toohey, AIA, President of the Wyoming Chapter of the American Institute of Architects. Since he has been "Jack" to his many friends for so many years, hardly anybody realizes his baptismal name is John. Ditto that he originally hails from Montana, a graduate of Montana State College, former president of the Montana Chapter/AIA, and that he resigned as Director of the Northwest Region when he moved to Worland, Wyoming. He is a principal in his own architectural practice in that pleasant northern Wyoming town, where he lives with his vivacious and charming wife, Chloe and two children—Brad, college student, and Kathryn, Junior High Schooler.

Jack has done yeoman service this year bringing together the widely scattered architects in the Wyoming Chapter in corporate progress. A great job!

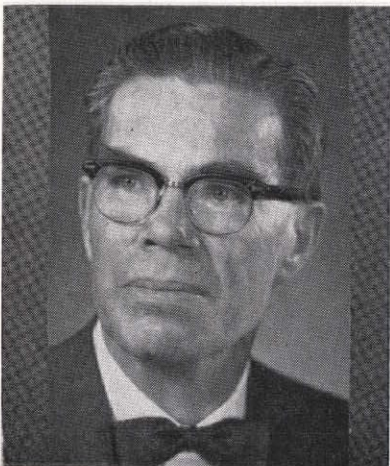
William A. Richardson, AIA, President of the Utah Chapter is a native of Salt Lake City and a graduate of the University of Utah. It is certain Bill will have a much more relaxed time at the 18th Regional than he did last year at the 17th when he did such fine work as Program Chairman when Utah played host. Bill and his brother, Keith, are the principals in the firm of Richardson and Richardson, and have a number of award winning buildings to their credit including the College of Pharmacy at U.U. and the Anaconda Company's Western U. S. Headquarters Building. He has served as both secretary and treasurer of the AIA's Utah Chapter.

Bill and Marilyn Richardson have three children—Sharmon, a young lady of fourteen and two sons, Neil who is twelve and Todd, nine. That becoming sun tan is from golfing, skiing, hunting, fishing and horseback riding. Incidentally, his two horses live luxuriously in an architect designed (and constructed) barn.



Beryl Durham, AIA, President of the New Mexico Society of the American Institute of Architects is a principal in the firm of Kern, Smith, Durham and Associates located in Carlsbad. Beryl has been a leader in the New Mexico Southern Chapter since its inception in 1965—Charter member and first president, he joined the Society's Board of Directors in 1966, and has served as Secretary-Treasurer and Vice President.

Mr. D. is a graduate of Texas Technological College in Lubbock with a Bachelor of Architecture (Design Option) degree, and has been with his present firm since 1964. He and his wife, Olivia, are the proud parents of two young daughters . . . Cindy (12) and Diane (9).



Gordon Sweet, AIA, is president of the Colorado Society—and its first! Gordon is a Michigan native, graduate of the College of Architecture at Michigan University, and finally found his way west in 1945 after some rather harrowing depression time experiences as a neophyte architect, and following employment as Field Architect for the USO with offices in Kansas City, Missouri during the War. In 1946, he became a principal in the firm of Thomas and Sweet, continuing after Mr. Thomas' death in 1957 as Gordon Sweet, Architect, Colorado Springs. Gordon has been with the Colorado AIA for plus twenty-three years of hard working service including a decade on the Board of Directors and two terms as Chapter President. Now a member of the Colorado South Chapter, he heads the Society, less than a year old at this writing. He has been active in many civic organizations in Colorado Springs, has two grown up sons and five grandchildren, and is the possessor of much talent, great sensitivity and a delightful sense of humor.

Richard M. Arnold, AIA, President of the Arizona Society, is a principal in the Phoenix architectural firm of Guirey, Srnka and Arnold, an affiliation which dates back to 1959. Dick has been away from the "y'all" country for ten years now, but until he came to Arizona, he spent his time on the friendly side of the Mason-Dixon line. Born in Rome, Georgia, he graduated from TCU with a Bachelor's in Fine Arts completing his architectural studies at the North Carolina School of Design two years later. Dick spent about seven years in Raleigh, North Carolina as an employee and in limited private practice before "coming West, young man," in 1959. He has been an active AIA member for almost a decade, his particular interest has been in Legislation and Governmental Relations. He joined the "leaders" in 1964 as a Director, in 1968, he was President of the Arizona Central Chapter moving into the "top job" with the Society this year. Dick and Ruth Arnold are the parents of two children, Steve who is 16 and Laura who is 12. He has been a member of Symposia's Editorial Board since October, 1968.



welcome to las vegas

As President of your host chapter for this conference I welcome you, all of our colleagues and guests, to Las Vegas and to the 18th Annual Convention of this Western Mountain Region of the American Institute of Architects. We sincerely hope you will enjoy your stay at the Dunes Hotel and Country Club, and that you will have as much fun in our city, as we in Nevada are having, being your host.

The Nevada Association of Architects has spent this last year planning what we believe is a most stimulating convention program; one which is specifically directed to keeping the Western Mountain Region abreast with our rapidly changing profession. When we accepted the opportunity to program this convention we felt it would be necessary to plan an agenda responsive to the indigenous conditions of our area. The Western Mountain Region is a distinct product of our West and is by no means typical of the other regions in the Institute. For while we are the largest region geographically, we are also the smallest in numbers. (I am told, however, that this was purposely established when we were incorporated, so the other regions wouldn't be placed at an extreme disadvantage.)

Las Vegas, being a product of the West, is also distinct and is certainly autypical to the approach taken by all other American cities. With all of this in mind, we felt that it would be extremely fitting and in keeping with our Western heritage, that we in the Western Mountain Region should pioneer a new concept for conducting regional conventions. We have extended the usual two and one-half day schedule to include more time for seminars

(All events marked by the asterisk require tickets)

NOTE: The Ladies are invited and welcome to attend all portions of the program except the Western Mountain Region Council Meeting, 9:30 a.m. on Tuesday, November 11th and the Western Mountain Region Business Meeting, 10:00 a.m. on Friday, November 14th.

the time

the action

the place

MONDAY, NOVEMBER 10

12:00 noon—Registration Opens—Information and Hotel Show Reservation Desk Open—Producers' Council Display Booths, Student and Awards Exhibits Open	Crown Jewel Lobby Convention Floor (Second Floor) Jade Room
2:00 p.m.—Dean's Conference	Garden Terrace
6:00 p.m.—*Get Acquainted Party Cocktails—Dinner—Dancing—Door Prizes	

TUESDAY, NOVEMBER 11

8:30 a.m.—Registration Continues Producers' Council, Student and Awards Exhibits Open Awards Exhibits Open Hotel Show Reservation Booth Open Hangover Bar Opens	Crown Jewel Convention Floor
9:30 a.m.—Western Mountain Region Council Meeting (by invitation)	Ruby Room
11:45 a.m.—*OPENING LUNCHEON	Casino de Paris (Main Floor)

Welcome: Honorable Paul Laxalt, Governor of Nevada and Sidney Little, FAIA, Director/Western Mountain Region
Speaker: Dr. James MacConnell, Director, Western Regional Center, Educational Facilities Laboratory, Stanford University

2:00 p.m.—PUBLIC RELATIONS SEMINAR A. Bailey Ryan, AIA, Chairman, Public Relations Committee Mary Margaret Grant, Assistant Director, Information Services/A.I.A.	Crown Jewel
3:30 p.m.—STUDENT AFFAIRS SEMINAR Moderator: Sidney W. Little, FAIA, Dean, University of Arizona	Crown Jewel

WEDNESDAY, NOVEMBER 12

7:30 a.m.—Symposia Editorial Board Breakfast (by invitation)	Jade Room
8:00 a.m.—Registration Continues—Producers' Council, Student and Awards Exhibits Open Hotel Show Reservation Booth Open Hangover Bar Opens	Crown Jewel
8:30 a.m.—*Ladies' Brunch and Special Event	

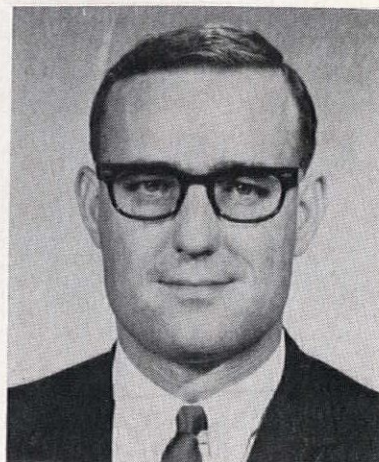


and discussion. We have purposely discarded many of the convention procedures of the past. Our program is developed for continuing education. We have, for the first time, included students in an important role and we are subsidizing their delegates attendance. We are also providing a regional scholarship which will be presented to one of the schools of architecture in the Western Mountain Region. We also realize that this year's convention is only an experiment. Many of the new approaches may not be successful but we hope this attempt to implement the effectiveness of the convention as an educational tool will be carried on by others.

Our theme "Where the Action Is," is certainly significant to our area. For the expected growth and development of the Western Mountain Region is projected to surpass all other areas within the United States. What does this mean? For us within the profession, it means new industry, new people, new towns, and a greater opportunity for architects to participate in moulding a new environment. But with these new horizons also come new responsibilities. We have already been alerted to many of them, but even more, we know, are yet to be defined.

The purpose of this convention is to study these new opportunities, to understand how we can help to accelerate them, and, to realize the responsibilities facing us, as design professionals, in this aurora to come. We hope the program will fit each of you and your individual needs. We hope what is presented here can be carried back and become integral to your practice and can be an additional service to your clients.

Thank you for coming to Las Vegas.



Robert A. Fielden, President
Nevada Association of Architects

the time

the action

the place

- 9:00 a.m.—THE ARCHITECT AND THE LAW Crown Jewel
Carl M. Sapers, Attorney at Law
- 10:00 a.m.—Seminar/Architect and the Law
Jack I. McAuliffe, Attorney, Nevada State Board of Architecture
Hugh McLearn, Attorney, Colorado Society of Architects
Allan Mecham, Attorney, Utah Chapter/AIA
- 11:30 a.m.—*LUNCHEON Casino de Paris
Speaker: Thomas Muths, AIA, Historic Preservation Coordinator
- 1:30 p.m.—COMMUNITY DESIGN (Part I) Crown Jewel
Robert E. Krechter, Vice President, Administration, McCulloch
- 2:30 p.m.—COMMUNITY DESIGN (Part II)
William E. Finley, Vice President, Rouse Company, Columbia, Md.
- 3:30 p.m.—SEMINAR/DEVELOPMENT WEST
William G. Barnes, Attorney, Del E. Webb, Inc.
Robert E. Krechter, Vice President, Administration, McCulloch Properties, Inc.
J. Carlton Adair, President, Port Holiday Authority

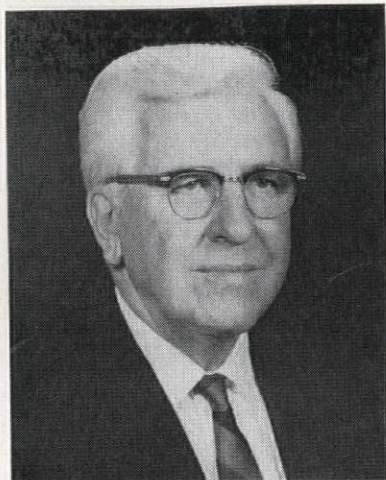
THURSDAY, NOVEMBER 13

- 7:30 a.m.—*TRIP TO AEC NUCLEAR TESTING GROUNDS Buses leave/Main Entrance—Dunes
- 8:00 a.m.—Registration Continues—Producers' Council, Student and Awards Exhibits Open Crown Jewel
Hotel Show Reservation Booth Open
Hangover Bar Opens
- 10:00 a.m.—*AIA/PC GOLF TOURNAMENT Emerald Green Golf Course

FRIDAY, NOVEMBER 14

- 8:30 a.m.—*BREAKFAST Casino de Paris
Speaker: Leonard L. Hunter, FAIA, Assistant Commissioner/
Design and Construction, General Services Administration
- 10:00 a.m.—BUSINESS MEETING Crown Jewel
Western Mountain Region
- 12:30 p.m.—*AWARDS LUNCHEON Casino de Paris
Speaker: Robert F. Hastings, FAIA
President-Elect/American Institute of Architects

on tuesday



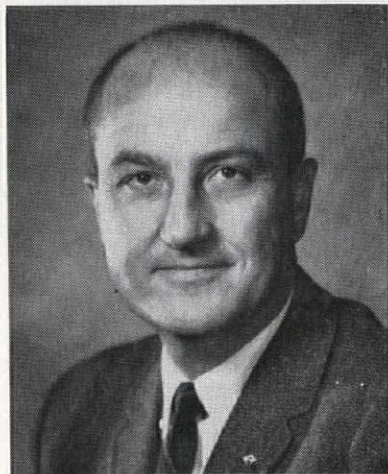
James D. MacConnell

The innovative open spaces found in our educational facilities today are in a great measure attributable to the work done by Dr. James MacConnell, the luncheon speaker on Tuesday at the Western Mountain Regional Conference. Since 1948, when he joined the faculty of Stanford University as a Professor of Education and Associate Dean, one of his chief goals has been to bring together modern concepts of school construction with rapidly changing curriculum and instruction methods. It was to this end that he founded, in 1951, Stanford's justly famous School Planning Laboratory. Some eight years later he took on the added responsibility of Director of the Western Regional Center of the Educational Facilities Laboratories,

Inc. This has meant direction of the Center's planning activities in twelve Western States, in Samoa and the Trust Territories.

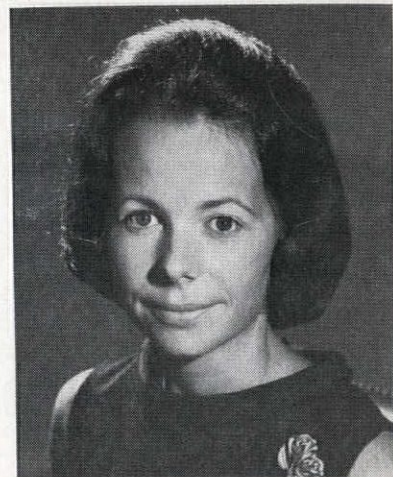
Dr. MacConnell was born in Michigan and was educated in that state with an A.B. and honorary LL.D. degrees from Central Michigan University, Master's and Doctorate degrees from the University of Michigan.

He has contributed significantly to many professional publications on the subjects of school administration and architecture, and has written or edited several publications of the Stanford School Planning Laboratory. He is the author of the college text, "Planning for School Buildings." Dr. MacConnell maintains an active membership in a number of professional organizations.



A. Bailey Ryan, A.I.A.

public relations seminar



Mary Margaret Grant

The "public image" is of increasing interest and concern to the modern practitioner, and the American Institute of Architects in sending Mr. A. Bailey Ryan and Miss Mary Margaret Grant to the Western Mountain Regional Conference, has provided the best contemporary thinking on this important topic. Mr. Ryan is Chairman of the National Public Relations Committee for the Institute, Director of the East Central States Region and a member of the Board. Miss Grant, since June of 1967, has been Assistant Director of Information Services for the American Institute of Architects with her headquarters at the Octagon. The two panelists for the Public Relations Seminar will make brief presentations, but the larger segment of the program will be devoted to fielding questions from the Western Mountain Region architects present. This enables both Mr. Ryan and Miss Grant to cover topics of particular interest to professionals in our Region.

Unlike many of his colleagues from beyond the Mississippi, A. Bailey Ryan is not a "jolly green giant," but a "jolly pea-picker in the valley." His office, The A. B. Ryan Partnership Architects, Inc., consists of one partner, Edward L. Cooke, AIA, two associates and five other employees. The firm is engaged in general practice which includes housing, churches, work for the State University and public building for the city of Louisville, Kentucky. He is eminently qualified to understand the public rela-

tions problems of the "small office" which is the way of life in the Western Mountain Region.

He was born in Adairville, Kentucky and graduated from Vanderbilt University with a BS in Civil Engineering following his three years as a pilot in the United States Air Force during World War II. His interests include a wide swathe of the profession and the community—CSI, the Guild for Religious Architecture, Chairman of the Legislative Committee to revise the Kentucky Architectural Registration Law, and Regional Chairman of the successful Octagon Fund Drive. And, perhaps best of all, he lives on Rebel Drive in PeeWee Valley, Kentucky!

"Peggy" Grant has made a host of friends in her years (two +) at the Octagon. 1960 graduate of Marquette, she was awarded a graduate assistantship and gained her Master's in Journalism in 1963. Prior to coming to Washington, D.C., she worked as a feature writer and general assignment reporter for the *Sunday Courier and Express* in Evansville, Indiana, and she is the former editor of the *Georgetown Record*, and staff member of the Georgetown University Development Office.

The Public Relations Seminar should prove of real worth to those architects attending the Western Mountain Regional Conference—certainly, a host of questions and problems await the competent panelists.

WHERE THE ACTION IS

on wednesday

the architect and the law

Carl M. Sapers will bring to Western Mountain Region architects a penetrating insight into problems confronting today's practicing design professional. He is a member of the legal firm of Hill and Barlow, Boston, Massachusetts; a graduate of Harvard College and the Harvard Law School. He serves as counsel to the Massachusetts State Association/A.I.A., the Boston Chapter of the A.I.A., the National Council of Architectural Registration Boards, and some thirty private architectural firms. He is also a special counsel to the Institute, acting in connection with the Committee on Licensing. Presently, Mr. Sapers is engaged with Herbert P. Gleason, Corporation Council to the City of Boston, in a revision of **A.I.A. Standard Forms and the Law** for Little, Brown and Company, publishers. He has, therefore, considerable interest in the problems of the architect entering contracts and defending against alleged liabilities. However the main points in his presentation in Las Vegas will concern the operation of the architectural firm. He will address himself to questions of forms of practice, how the architect moves from state to state, some specific federal tax problems and some specific corporate problems.

Mr. Sapers has lectured widely to many architectural groups and is the author of a recent article in the **A.I.A. Journal** on the future of the profession. His legal knowledge coupled with his understanding of professional problems should prove invaluable to architects of the Western Mountain Region.

Allan E. Mecham combines an astute legal mind and practical experience as a successful business man in the construction materials field. A mem-

ber of a pioneer Salt Lake City family, he is an engineering graduate of the University of Utah where he also received his LLB and Juris Doctor. He attended both George Washington University Law School and the Hague Academy of International Law in the Netherlands.

As a senior partner in the Utah firm of Clyde, Mecham and Pratt, he is legal counsel to the Utah Chapter of the American Institute of Architects. Mr. Mecham is President of the Ross-Cowan Equipment Company, Co-founder of the Western Steel Company, and serves as an officer or director of other large construction industry firms in Utah. He is a past manager and counsel to the Associated General Contractors.

In addition to his legislative, business and professional attainments, Mr. Mecham is also a leader in civic affairs—active in Scouting, Rotary, YMCA and the Chamber of Commerce. He contributes generously of his time and talents to the cultural and social advancement of his community. During the last few weeks, Mr. Mecham has been deeply in-



Allan E. Mecham



Carl M. Sapers

volved in a most important case before the Utah Supreme Court filing the Amici Curiae Brief on behalf of the Utah Chapter/AIA in the Liability case of Nauman-vs.-Beecher.

Jack I. McAuliffe is a native of Nevada, the attorney for the Nevada State Board of Architecture, and has, upon occasion, represented both the Reno and Las Vegas Chapters of the A.I.A. He is associated with the Reno law firm of Streeter, Sala and McAuliffe.

Mr. McAuliffe received his BA in History from the University of Nevada at Reno in 1953, and after two years military service in Korea, returned to do graduate work in the same subject. He attended the University of Georgetown Law Center, receiving his JD in 1958. After serving as law clerk in the Nevada Supreme Court, he entered private practice in 1959.

His topic for the Seminar on The Architect and The Law will concern the area of professional responsibility—both the responsibility of the architect to his employer under the terms of his contract and the responsibility of the architect to the licensing authority.

Mr. McAuliffe writes, "It has been my experience with architects to find that they generally have some conception of legal responsibility but are not at all sure to whom that responsibility is owed or exactly what the responsibility is. I hope to be able to clarify these matters for architects of the Western Mountain Region attending the conference."

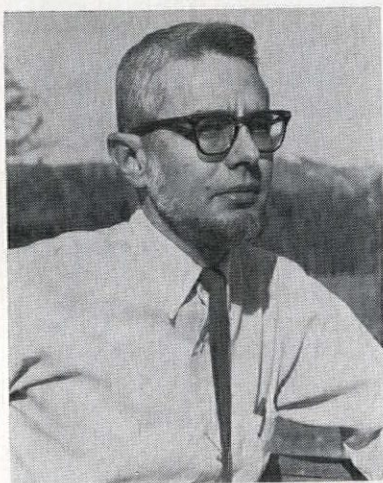
Hugh J. McClearn, Denver attorney, presently serving as counsel to the Colorado Society of the A.I.A. is a member of the firm of Van Cise, Freeman, Tooley and McClearn. Born in Duluth, Minnesota, he is an honor graduate from the University of New

Mexico (B.A.) and his L.L.B. degree is from the Yale Law School. Following his graduation, Mr. McClearn went on active duty as a First Lieutenant, Post Judge Advocate's Office, Presidio of San Francisco, California. In this assignment he was responsible for the post's legal assistance program, and wrote Chapter 11, "Family Problems and the Serviceman," in *The California Family Lawyer*, (2 vols.; Berkeley, California: Continuing Education of the Bar, University of California, 1961). Mr. McClearn came to Denver in 1961 becoming associated



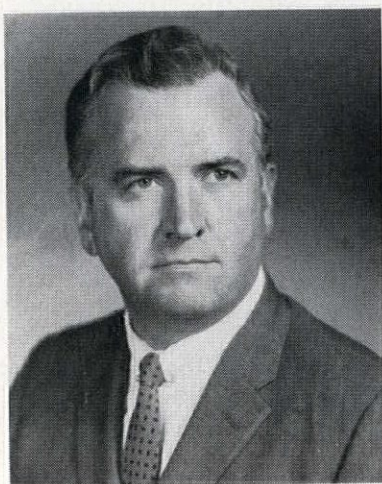
Hugh J. McClearn

with the firm of Davis, Graham and Stubbs. In November of 1966, he was appointed Manager of Safety and Excise of the City and County of Denver. As a member of Mayor Thomas G. Currigan's Cabinet he was responsible for the supervision of Police, Fire and Sheriff's Departments, performed quasi-judicial functions associated with the issuance and administration of liquor licenses, and administered 66 different ordinances controlling 75 types of licenses. Mr. McClearn is a member of the American, Colorado, California and Denver Bar Associations.



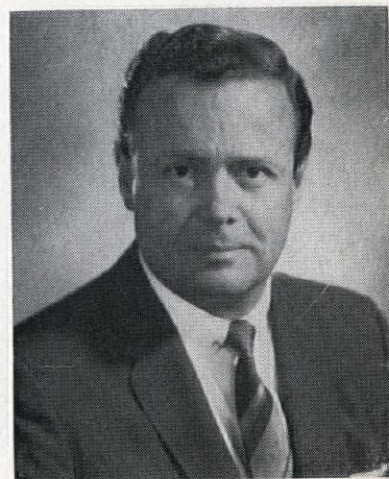
Thomas B. Muths, AIA

Wednesday's Luncheon Speaker, Tom Muths of Jackson Hole, Wyoming would advise anyone **never** to underestimate the power of that "little woman." His own wife, Erin, being, in large measure, responsible for his present involvement in Historic Preservation. While in Sheridan, Wyoming, with Leonard Sundell and Associates of Billings, Montana, Tom became concerned with the loss of so many of the early day buildings of the Old West, most particularly the vintage Sheridan Hotel once owned and operated by Buffalo Bill Cody. Mrs. M., weary of the gnashing of teeth by her spouse urged him . . . "Do something! Get involved!" Which is why Tom is now State Preservation Coordinator for the AIA in Wyoming, and serving as consultant to the State on the restoration of South Pass City, an abandoned gold mining town of the later 1800's. In the process, this interest has become a "family affair" with both his wife and daughter, Erin Louise, deeply involved. A product of the Old South, sah!—born, Mobile, Alabama—raised in New Orleans—Tom is an architectural graduate of the University of Washington. He is a principal in the firm of Design Associates of Jackson Hole, Wyoming.



Robert H. Ryan

community design



William E. Finley

Two outstanding men will bring to architects of the Western Mountain Region in-depth presentation on "Community Design" as expressed in the creation of "the new towns" in America during the past few years.

Robert H. Ryan who is the President of Ryan Development Associates, Inc., of Pittsburgh, Pennsylvania and

Chairman of the Board/Gulf Reston, Inc., Reston, Virginia is a graduate of Harvard College and Harvard Graduate School of Business Administration. During his career, Mr. Ryan has been engaged in many aspects of economic and urban development. For example, he has been Executive Vice President for Planning and De-

velopment for the Perini Corporation; Executive Director for the Greater St. Lawrence Industrial Development Committee; Executive Vice President/Massachusetts Business Development Corporation and Vice President of Cabot, Cabot and Forbes Company of Boston, Massachusetts.

In November of 1964, Mr. Ryan was appointed to the National Commission on Technology, Automation and Economic Progress, and in May of '68 received an Honorary Doctorate in Science from Seton Hill College. Presently in Pittsburgh, his community affiliations include Directorships in the Pittsburgh Urban Transit Council, National Transportation Center and the Mercy Hospital Board.

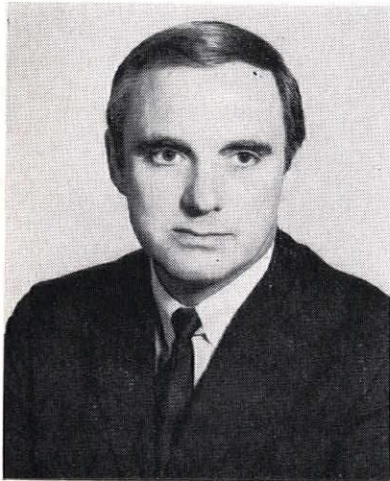
During his presentation, Mr. Ryan will include colored slides showing the new town of Reston, Virginia, however, the major portion of his remarks will deal with the need for public policy and programs for "new towns" in the United States.

William E. Finley has had a distinguished career in Community Development. Vice President in charge of that area of interest for The Rouse Company, Mr. Finley joined the organization in 1962 as Project Director for the Village of Cross Keys, a 70 acre residential, commercial, recreation and office complex adjacent to the Roland

Park section of Baltimore. In 1963, he assumed the same responsibility for the new city of Columbia, Maryland, and Finley and Columbia have been practically synonymous since that time. In 1967, he was named by Engineering News-Record as one of the men making an outstanding contribution to the construction industry for the planning and execution of the plans for this exciting project which by 1980 will represent a total investment of well over \$1 billion.

A well known lecturer in the field, Mr. Finley holds both Bachelor and Masters degrees in City Planning from the University of California at Berkeley, and has delivered papers at many professional and regional growth conferences including the Highway Research Board of the National Academy of Sciences. In 1966, he was a member of the 1966 Design Award Jury (HUD) to choose outstanding examples of community planning and architecture in projects assisted by Federal programs.

He has, most recently, prepared a comprehensive work program toward the development of a new "city within a city" for the largely underdeveloped portions of Staten Island. Demonstrating his own faith in the "new city" concept, William Finley and his family are residents of Columbia, Maryland.



Robert G. Krechter



J. Carlton Adair

development west

Three well-informed gentlemen will take over the platform at 3:30 p.m. to examine the "new towns" in our own Southwest. The Development West Seminar will feature **William G. Barnes**, attorney for the Del E. Webb Corporation of Phoenix, Arizona. The Webb Corporation has been long engaged in the creation of complete new communities—the best known probably Sun City located outside Phoenix. Here, Webb has grouped single occupancy homes and multiple units around recreation facilities, i.e.: golf course, swimming pool, hobby and club rooms, all designed for older citizens. Because no educational facilities are required, the tax base is relatively low, and residential units vary from modest to three bedroom, two bath homes which are well appointed and charming. Sun City has proved most successful, and Mr. Barnes' long

experience with the Webb Corporation should eminently qualify him to discuss the "new community" concept.

Sharing this challenging topic is **Robert G. Krechter**, Vice President/Administration for the firm of McCulloch Properties, Inc. of Los Angeles, California. The McCulloch company is presently engaged in three "new town" developments within the Western Mountain Region. The oldest of the new is Lake Havasu City, Arizona, where a town is burgeoning in the desert complete with relocated historic London Bridge. The 13,000 acre Lake Havasu site was primarily the acquisition responsibility of our guest speaker. The corporation has recently acquired 30,000 acres of land west of Pueblo, Colorado, where a new community is being developed. A further acquisition of approximately 12,000

acres of land on the eastern edge of metropolitan Phoenix projects the development of that "newest" city for 1970. Mr. Krechter came to McCulloch Properties, Inc. originally as General Counsel—he holds a Bachelor's in Business Administration and a Doctorate in Law. He is the Chairman of the Sub-Committee of the Real Property, Probate and Trust Section of the American Bar Association, and a member of the Executive Committee of the Real Property Section of the Los Angeles County Bar. He is presently engaged in the coordination of new city developments anticipated by McCulloch and the investigation of "new community" programs. He was a principal speaker this past Spring at the Conference of the Building Research Institute.

Mr. Krechter, in addition to his discussion of techniques in land acquisition

tion, finance and determination of location, will present slides on the Lake Havasu and Pueblo projects.

J. Carlton Adair is the third speaker to be heard in the Development West seminar. A resident of Las Vegas since 1955, Mr. Adair is a former Vice President and General Manager of the Dunes Hotel and Casino. His principal interest at this time is in the new community of Lake Adair—a new city

which when completed will accommodate about 35,000 permanent and transient residents. The project is being financed by a group of major, national, investment banking houses.

He will discuss the challenges in planning the development of a new city and the reasons behind the decisions made. Mr. Adair writes, "In essence, I would describe the development of the concept, the logical structure

therein, the subsequent employment of a group of architects, planners and engineers to translate these innovations into detailed town plans of demonstrable feasibility, operation arrangements, funding and legal procedures.

With both time and space to our advantage, the Western Mountain Region should prove a fruitful area for "Development West."

thursday is fun day



and then - there is friday

It will be a rewarding experience for the "early birds" on Friday morning when Leonard Hunter, FAIA, addresses conferees of the Western Mountain Region. Mr. Hunter's most distinguished career began in North Carolina, where he was born and attended the University from 1923-'24. His degrees of both Bachelor and Master of Architecture are from the University of Pennsylvania where he received the Spade Brook Medal for design excellence, the Paul Cret Medal for design and the Faculty Medal for the highest Class Grade Average.

His wide architectural experience ranges from practicing architect to academic work to staff architect for the Oriental Institute of the University of Chicago. From 1934 to 1962, excluding his four years in Military Service, Mr. Hunter joined the government service where as Assistant Commissioner for Design and Construction, he directed a Federal program which, since 1955, amounted to approximately two billion dollars. In 1962, he resigned from the Federal service becoming a partner and Executive Vice President for John Carl Warnecke and Associates, Architects and Planning Consultants of San Francisco. He rejoined the Government in 1966, and in 1967 assumed his present position. Mr. Hunter will discuss the "Cost Crisis in Construction—GSA's Stake in the Current Industry-Wide Search for a Solution" . . . certainly a most provocative subject!

It may be the 13th on the November calendar, but it is a "lucky day" for AIA architects attending the Western Mountain Regional Conference in Las Vegas! A "Grand Tour" of the Testing Grounds of the Atomic Energy Commission leaves the Dunes at 7:30 a.m.—an exciting in-depth exploration of the work being done on this site of atomic power for peaceful use of the atomic potentials in the grasp of government nuclear scientists.

Concurrently, a "Tournament of the Champions" is planned for the beautiful "Emerald Green" Golf Course of the Dunes Hotel and Country Club pitting the golfing talents of the Producers' Council against A.I.A. Architects. Both the ladies and gentlemen are welcome to try their par-breaking skills at this time—and the results should be both revealing and—well, interesting!



L. L. Hunter, FAIA
Assistant Commissioner
Design and Construction/G.S.A.

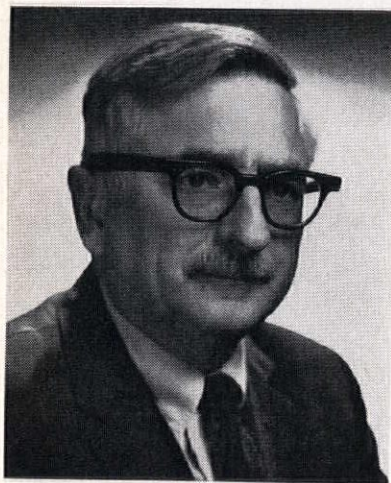
ANNUAL MEETING COLORADO SOCIETY AMERICAN INSTITUTE OF ARCHITECTS

VOL. I, NO. I

NOVEMBER 21, 1969

EDITOR IN CHIEF: Gordon Sweet/Colorado Society

ASSOCIATE EDITORS: DeVon Carlson/Central Chapter
James K. Holst/South Chapter



Forrest Wilson, Editor
Progressive Architecture

IN THIS ISSUE:

Cocktails and Dinner/Broadmoor Hotel, Colorado Springs
Election of Society Officers/1970

Guest Editorial: Forrest Wilson, *Progressive Architecture*

An Auspicious First Annual Meeting is being planned for the Colorado Society/American Institute of Architects on November 21st at the Broadmoor Hotel in Colorado Springs. On January one, of this year, the Colorado Chapter became Central and South Chapters and the Society came into being under the guidance of First President, Gordon Sweet, AIA, of Colorado Springs; Vice President, James Hunter, FAIA, of Boulder; John Anderson, Secretary and Max Saul, Treasurer, both of Denver.

A cocktail hour is set for 6:00 p.m. and the banquet for 7:00 p.m. which will be followed by the brief business meeting which will include election of officers for the coming year.

The capital A in Auspicious is certainly due to the appearance of the Editor of *Progressive Architecture*, Mr. Forrest Wilson. We will not append all the letters which might follow this gentleman's name—suffice it to say that he is a Corporate member of the American Institute of Architects, a Professional member of the Construction Specifications Institute, a Press Associate of the American Institute of Interior Designers, a former member of the American Association of University Professors, and, believe it or Ripley, a Journeyman in the

Brotherhood of Carpenters and Joiners, AFL-CIO.

These several affiliations indicate Mr. Wilson's multi-faceted interests and talents. His educational background includes the California School of Fine Arts, a University of California affiliate in San Francisco; the Pratt Institute, Brooklyn; San Carlos, Mexico City; L'Academe of Ossip Zadkine, Paris, and the Mechanics Institute, New York.

Mr. Wilson has written a brief commentary as an introduction to his resume which is most appropos. He writes: "My education and work experience began simultaneously during the mid-thirties when, working my way through the California School of Fine Arts studying architectural sculpture, I acquired the skills of laborer and journeyman carpenter."

"My design education was completed in time for the government to find sea-going employment for me as a woodworker on steel ships. After the war, I returned to construction continuing my studies in design and building science. Nine years ago, I was offered an opportunity to inaugurate an architectural course in building construction and design for interior designers at Pratt Institute. I taught and supervised this course for four years prior to becoming an editor of *Progressive Architecture*."

Mr. Wilson has lectured widely, authored innumerable articles, has had two one-man shows in New York, participated in many others as participating artist, and has three fine books

to his credit. He is the author of "Architecture, A Book of Projects" (1968), "What It Feels Like to Be a Building" (1969) and "Interior Design—An Introduction to Architectural Interiors" (1969).

He has served as draftsman, designer and field superintendent for construction (all trades—except mechanical) for projects from the Ford Staff Building in Dearborn, Michigan, to Air Field Construction in Sidi Slimane in French Morocco.

We can only cap all this most interesting professional background with a comment from the Colorado delegation to the national C.S.I. Convention held this year in Houston—succinctly—"an absolutely fabulous guy!" It will be a very great pleasure to welcome him to Colorado.

Chapter meetings will precede the annual gathering on Thursday, November 20th. The South Chapter will hold their annual Business Meeting and Election of Officers at 5:15 p.m. in the second floor Clubroom of the El Paso Club in Colorado Springs. The Colorado Central Chapter has scheduled their dinner meeting (cocktails at 6:00) at the Albany Hotel in Denver, and in addition to the business meeting and election, a program on Academic Training is being planned by Dave Paulson (University of Colorado/School of Architecture) and his committee. The advance info indicates a fine program on architectural education at all levels with student participation.

The Winners:

1969 Colorado Architectural Award Competition Structural Clay Products Institute

On October 16th at the Cherry Creek Inn, Denver, Colorado architects were honored in the 1969 Colorado Architectural Award Competition sponsored by the Structural Clay Products Institute under the guidance of the Colorado Central Chapter of the American Institute of Architects. Criteria set for the Competition was as follows: Structures built since the last SCPI Competition in 1963 were eligible; predominantly of brick or structural clay facing tile; and all Colorado registered architects were invited to participate. Structures were judged upon the quality of their solution to the architectural need, integrity of aesthetic expression and recognition of economics through the use of brick or structural clay facing tile. Creativity of design, imaginative and sensitive use of materials and successful integration of clay products with other materials was also considered by the Jury. Structures selected by the Jury from portfolio presentations (See Finalists, October Symposia), were personally visited by the Judges in September to determine the winners.

THE JURY

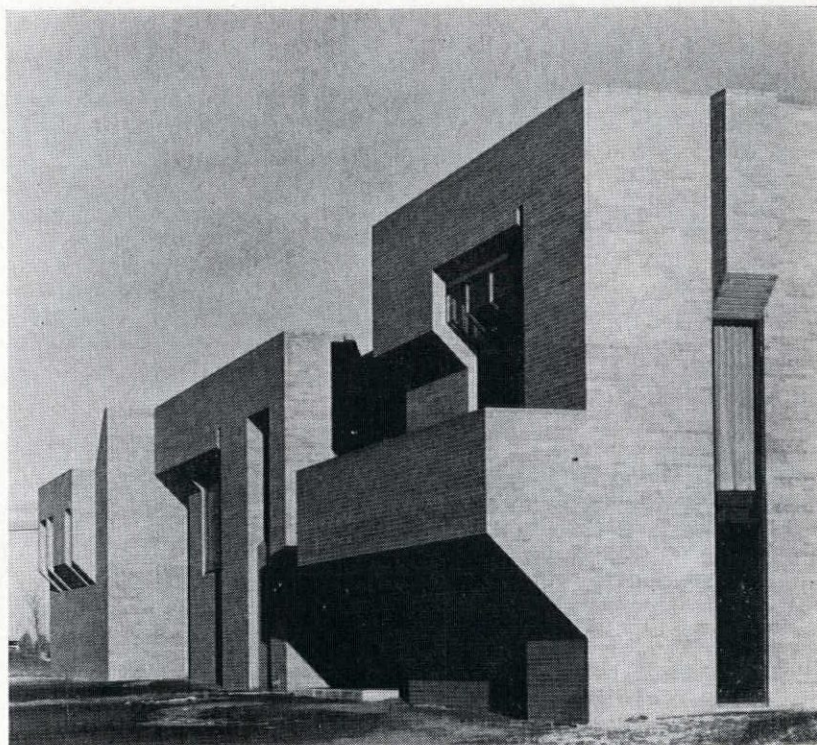
Elisabeth Kendall Thompson, FAIA
George Kassabaum, FAIA
William Geddis, AIA

KISSINGER BUILDING—ROGERS/NAGEL/LANGHART, ARCHITECTS

Arleigh Rinehart, Designer

award of

THE JURY: This building, headquarters for a petroleum company, is a strong sculptural statement whose precision of detail in design and in execution made it pre-eminent in the Awards Program. The predominance of one material gives it unity, dignity and harmony. Yet, because of the skillful handling of this material—a restrained and handsome dark brick—there is never monotony, but rather a sense of vitality and variety. Both owner and workmen evidence enthusiasm for the building; the owner for the high quality of the design and the workmen for the stimulus of working on such a far-from-ordinary building. The design was a demanding one and the contractor studied the drawings for three months. The excellence of the craftsmanship is an inseparable part of the quality of this building and the jury delighted in seeing that high standards of craftsmanship, particularly in masonry, are evident throughout this building.



e
x
c
e
l
l
e
n
c
e

honor award



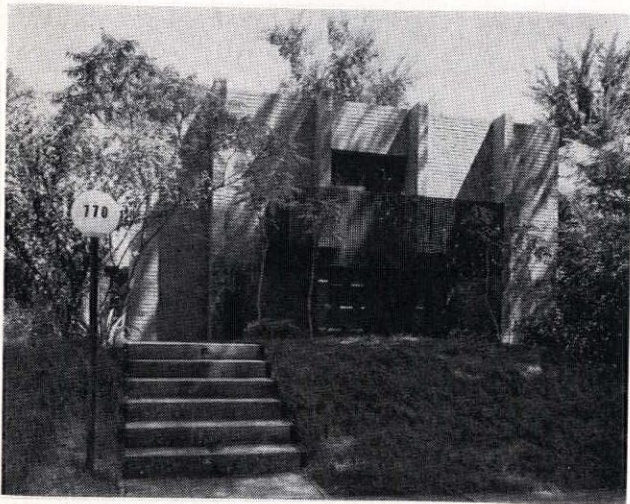
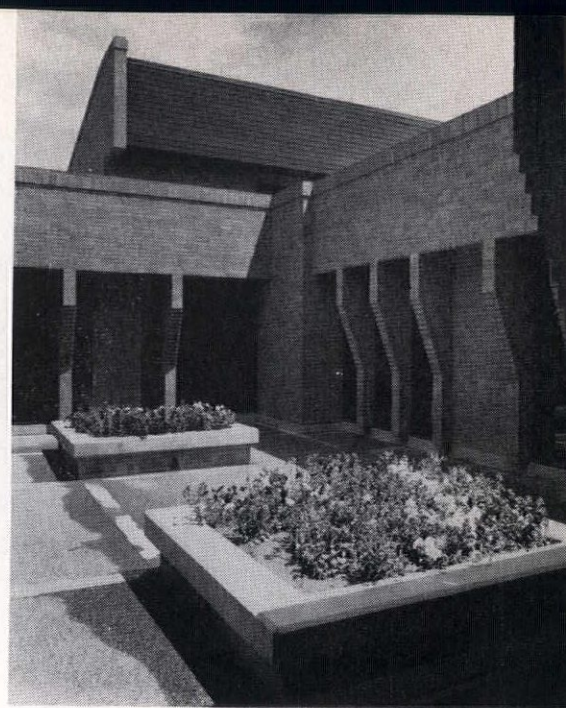
BONFILS-STANTON REGIONAL LIBRARY WILLIAM MUCHOW & ASSOCIATES, ARCHITECT

THE JURY: Bold in its forms and in its concept, this library building in a growing but as yet lightly developed part of Jefferson County, is a place of interesting spaces, gay colors and unexpected vistas through the building. The concept of wings around a central area results in the plan solution, and in a variety of projections and roofs which, although not overly obvious on the interior, contribute to the light-hearted character of the library. Colorful graphics in fashionably large letters and numerals are prominently part of the interiors.

honor award

VANDERHOOF ELEMENTARY SCHOOL/JEFFERSON COUNTY
ANDERSON, BARKER, RINKER, ARCHITECTS
ROGERS/NAGEL/LANGHART—(Coordinating Architects for the District)

THE JURY: Although the open, flexible plan for this school is similar to that in other schools of this district, the care with which the detail of the Vanderhoof School has been executed sets it apart from the others. In spaces, colors and materials the school is sensitively scaled to the child. The building itself could, in fact, serve as a teaching tool for architectural awareness.



honor award

THE ROARK CITY RESIDENCE/DENVER
DONALD ROARK, ARCHITECT

THE JURY: Full of pleasant surprises, this three-bedroom house is located on a very small and frequently found urban site, yet it achieves a degree of privacy rare in city houses on much larger sites. The development of the house, and of the swimming pool which is the feature of the main outdoor space on the site, is novel and imaginative. This happy use of a small lot could serve as an example in the use of constricted urban space.

honor award

METALLURGICAL LABORATORIES/CLIMAX MOLYBDENUM

ROGERS/NAGEL/LANGHART, ARCHITECTS

Arleigh Rinehart, Designer

THE JURY: The bold and simple form of this building skillfully integrates the complexity of mechanical equipment and a variety of laboratory spaces into an architectural statement of unusual strength and attraction. The reinforced brick walls not only act as exterior walls for the building but screen the laboratory's required mechanical equipment in a sensitive and practical way.



Other projects cited by the Jury were: Professional Center, Grand Junction, Colorado/Van Deusen and Associates, Architects; Williams Residence Halls, Boulder, Colorado/Hobart Wagener and Associates, Architects, and the Logan Building in Denver, Colorado/W. C. Muchow and Associates, Architects.

SINCE 1880



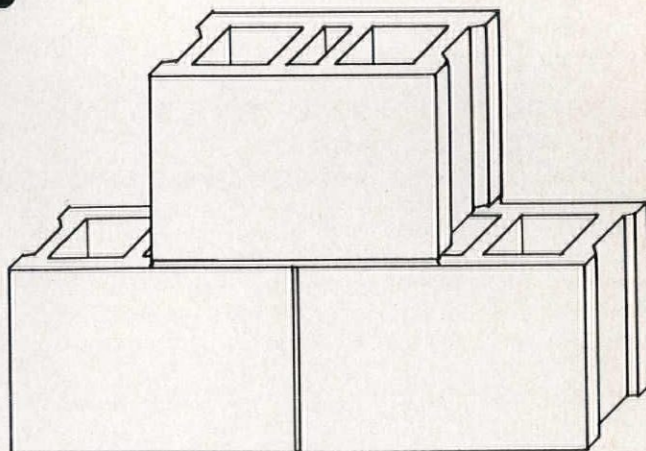
ROBCO

A.I.A.

Western Mountain Region
Convention

Booth No. 14

Structural Glazed Tile

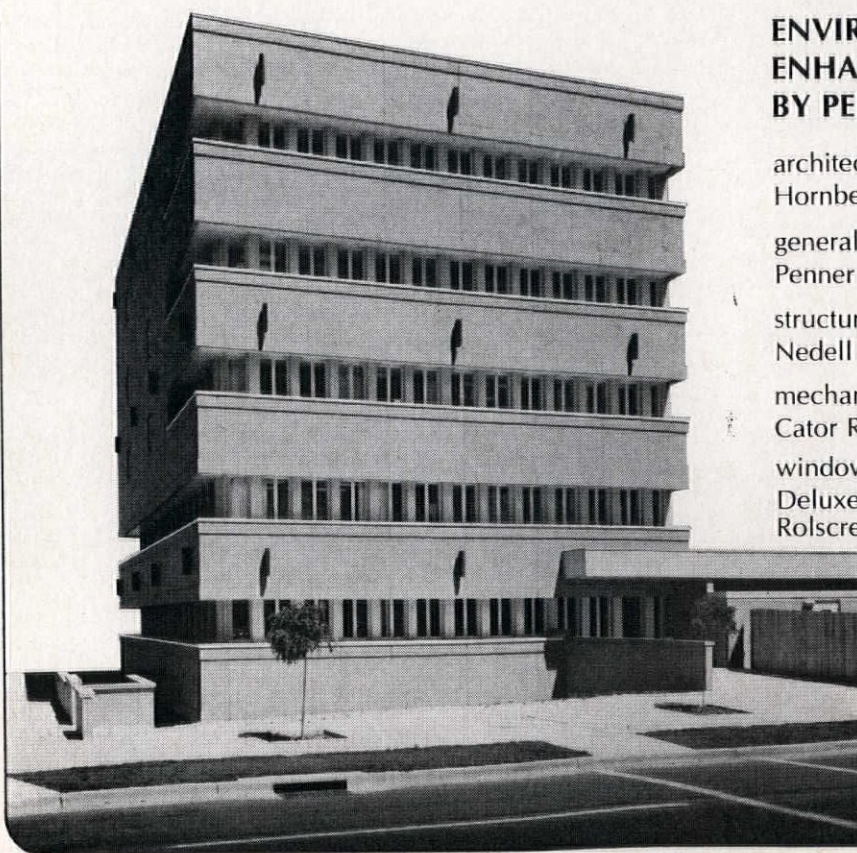


Designed for:

Seismic Design

Load Bearing Design

THE **ROBINSON** BRICK AND TILE COMPANY
500 So. Santa Fe Drive • Denver, Colo. 80223



ENVIRONMENTAL ENHANCEMENT BY PELLA PRODUCTS

architects:

Hornbein & White

general contractor:

Penner Construction Company

structural engineers:

Nedell Locke & Associates

mechanical engineers:

Cator Ruma & Associates

windows:

Deluxe Casements and Self-storing
Rolscreens by Pella

Pella

PRODUCTS OF COLO. INC.

201 RIO GRANDE BLVD.
DENVER, COLORADO 80223
PHONE (303) 244-8138

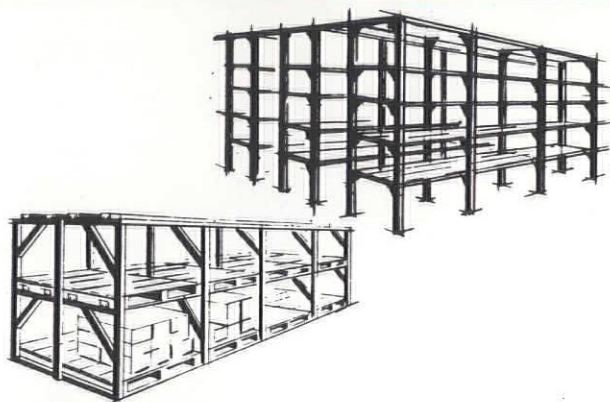
John F. Kennedy
Child Development Center
B. F. Stolinsky Laboratories

*You can build or attach anything - - -
with the **UNISTRUT**® system*



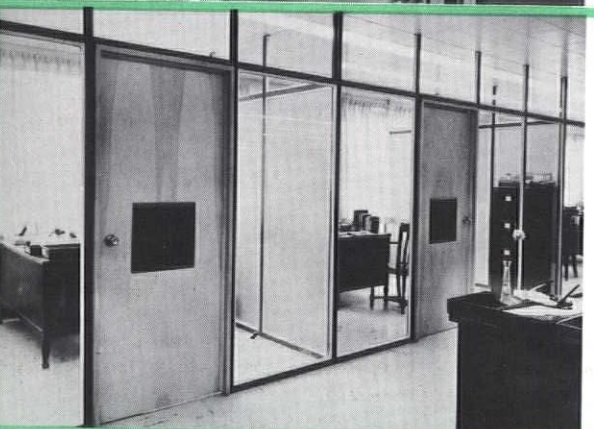
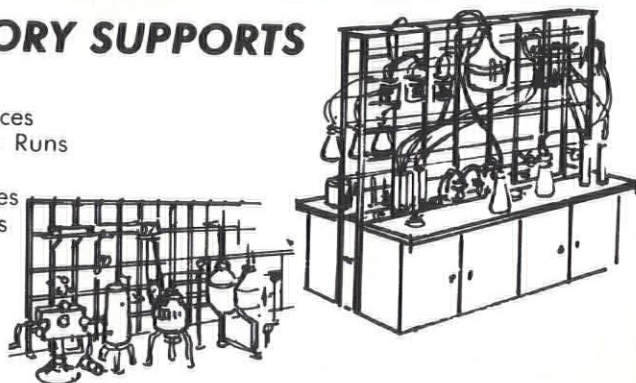
RACKS

Pallet
Die
Sheet Material
Cable Reel
Production Material
Automotive Parts
General Storage
Bar Stock
Barrel
Furniture



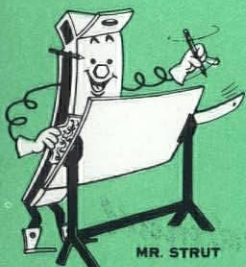
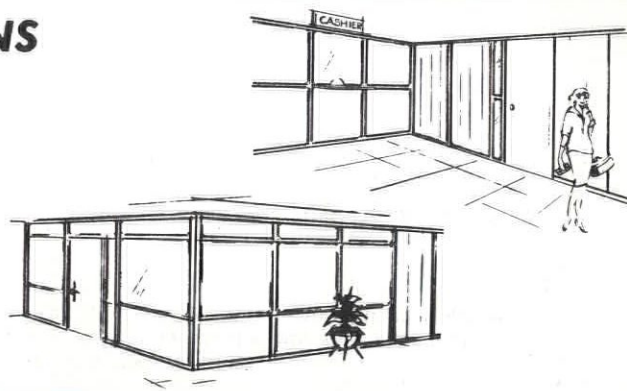
LABORATORY SUPPORTS

Under Floor Services
Overhead Service Runs
Raceways
Bench Top Services
Distillation Frames
Instruments
Glass Pipe
Hydraulic Line
Transformer



PARTITIONS

Floor to Ceiling
Door Height
Glazed Railing
Plain Railing
Tool Crib



MR. STRUT

ENGINEERING AND DESIGN ASSISTANCE

- Completely matched system of framing • Dependability through rigid quality control • Authentic engineering data
- Test proven structural performance • Savings due to superior strength • Experienced application engineering
- Proven installation economy • Design assistance at no additional charge • Complete local warehouse stocks in your area • UNISTRUT channel cut to order • UNISTRUT frame-works delivered ready to erect • Latest application information through personal customer calls

FIRST CLASS
PERMIT No. 220
WAYNE, MICHIGAN

BUSINESS REPLY MAIL

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

POSTAGE WILL BE PAID BY—

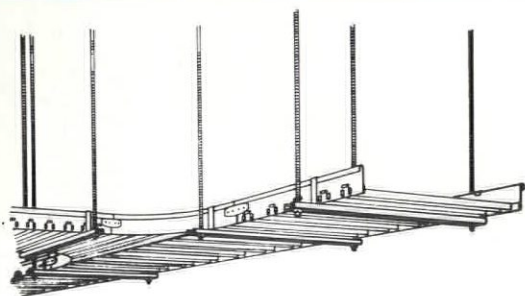
UNISTRUT WESTERN, INC.
601 South Jason Street
Denver, Colorado 80223





TELES PAR® TUBING

Close telescopic tolerance make **TELES PAR** tubing ideal for splicing operations. They can be used in a butt splice with inner sleeve of smaller size tubing, or with a simple lap splice for extending lengths, by bolting through the tubes. Reinforcement of tubes is easily performed by telescoping consecutive sized tubes — one inside another. Tubing with continuous holes (spaced 1" apart) offers design flexibility for assembly requirements. All **TELES PAR** tubing, whether plain, or with continuous holes, is designed to telescope in snug fits.



CABLE TRAY

Cable
Conduit
Bus Bar
Bus Duct
Cable Tray
Electrical Equipment
Cable Support System



Copyright 1968 by Unistrut Corporation

UNISTRUT CORPORATION Manufacturers of... METAL FRAMING AND ACCESSORIES—TELESCOPING TUBING SOLID AND PERFORATED—TRAFFIC SIGN SUPPORT SYSTEM—DEMOUNTABLE, MOVABLE INTERIOR PARTITIONS—CABLE TRAY SYSTEM FOR POWER AND CONTROL DISTRIBUTION—RAISED FLOORING SYSTEM—SPACE-FRAME ROOF AND FLOOR SYSTEM. Main Office and Factory—4118 South Wayne Road, Wayne, Michigan 48184



REQUEST FOR ADDITIONAL INFORMATION OF THE FOLLOWING:

- | | |
|---|--|
| <input type="checkbox"/> PARTITION SYSTEMS | <input type="checkbox"/> SPACE FRAME SYSTEMS |
| <input type="checkbox"/> RAISED FLOOR SYSTEMS | <input type="checkbox"/> RACKS |
| <input type="checkbox"/> TUBULAR PRODUCTS | <input type="checkbox"/> LABORATORIES |
| <input type="checkbox"/> CABLE TRAY SUPPORT SYSTEMS | <input type="checkbox"/> MECHANICAL AND ELECTRICAL |

☐ HAVE REPRESENTATIVE CALL

FIRM NAME _____

BUYER _____ DATE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

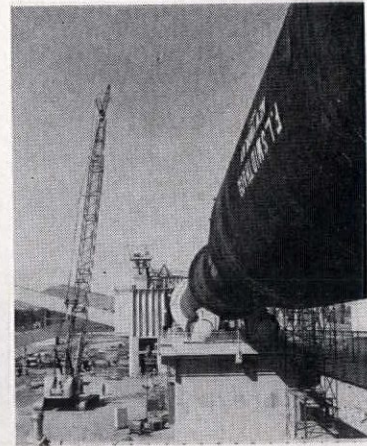
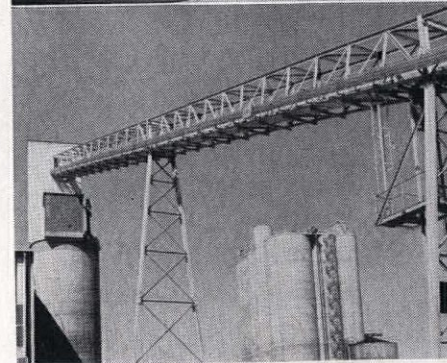
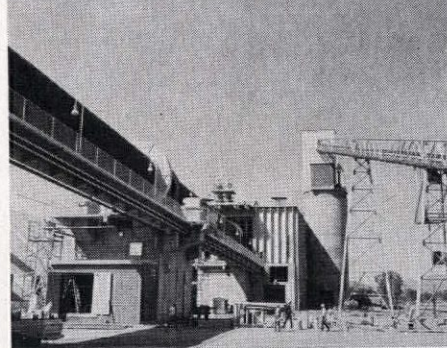
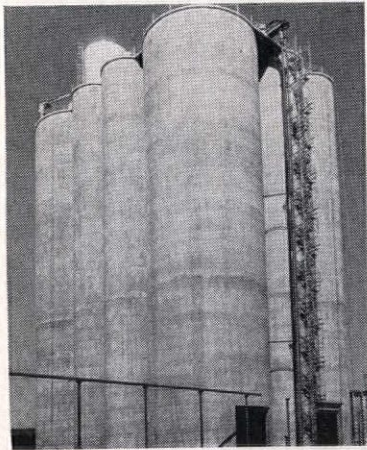
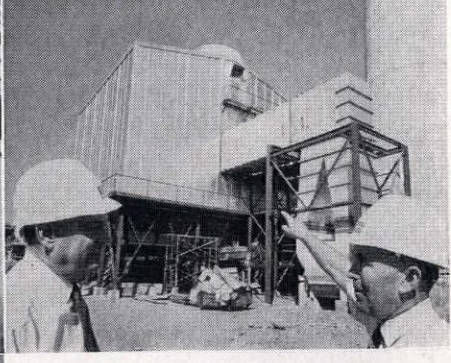
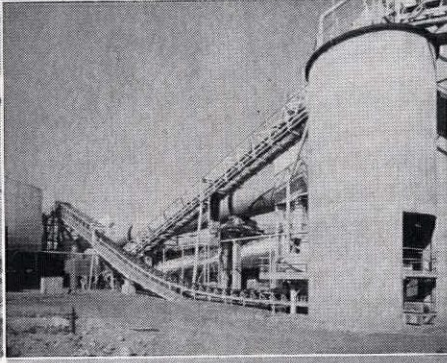
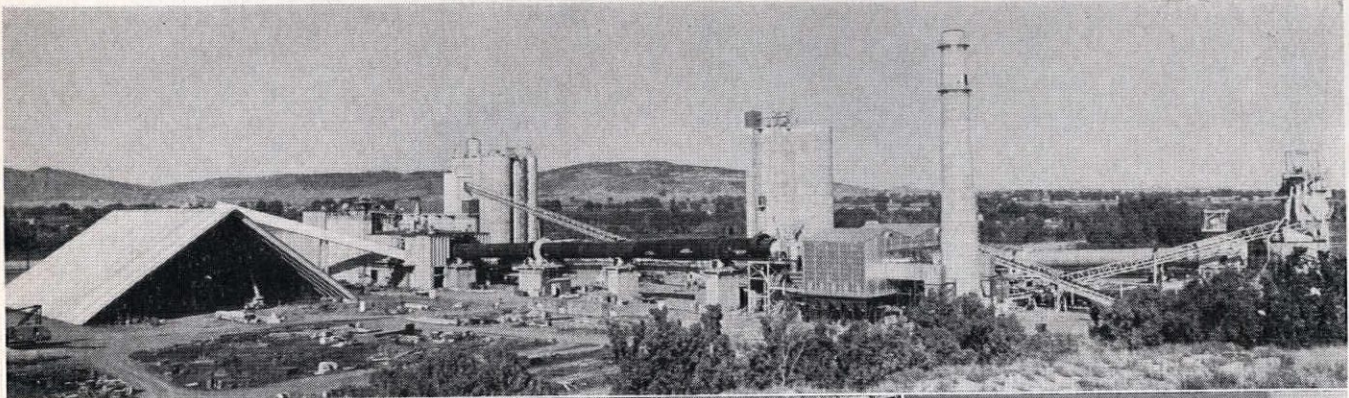
KIND OF BUSINESS _____

MR-69

*Fill out and mail
return card*

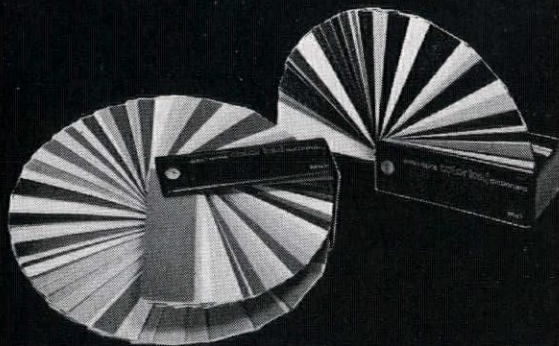
CEMENT for the 70's

will be produced in our new Lyons
plant starting in December.



A division of Martin Marietta

DEWEY ROCKY MOUNTAIN CEMENT COMPANY
LYONS, COLORADO



Most color systems blush various shades of green when confronted with Ameritone's obviously superior color key system. For information: Write Dick Seaman.

ameritone paint

18414 South Santa Fe Avenue, Compton, California 90221
Phone NEVada 6-9343 A GROV Chemical Corp. Subsidiary



Schmidt Announces Conference Dates!

Robert J. Schmidt, Region 10 Director for the Construction Specifications Institute has given us the "Last Word" on the Annual Regional Conference to be held in Salt Lake City in 1970. The meeting will open on Thursday evening, February 5th with a mixer. Friday, February 6th will be devoted to business, climaxed by a banquet in the evening. Saturday is slated for relaxation.

Mr. Schmidt writes that each Chapter will have ample opportunity to report, and that there will be time for a meaningful exchange of ideas. There will also be a presentation of the new SPEC-DATA II program. Chapter presidents and members will be joined by George Petty, Western Section Director, and from the Institute, Joseph A. Gascoigne and Vice President Robert E. Vansant of Black and Veatch, Kansas City, Missouri.

The Salt Lake City Chapter, who is playing host this time around, has appointed Ray Robinson as General Chairman for this important event.

Region 10/CSI includes Chapters in Albuquerque, Colorado Springs, Denver and Salt Lake City, with members-at-large from throughout the area including Wyoming. If your 1970 calendar is at hand, circle those important dates—February 5, 6, and 7 NOW.



architect: Harry H. McMichael

THOROSEAL

Manufactured by Standard Dry Wall Products

WATERPROOF your Masonry
CREATE an even-textured surface
DECORATE

ALL IN ONE OPERATION



FRANCIS J. FISHER, Inc.

24th & Blake Street

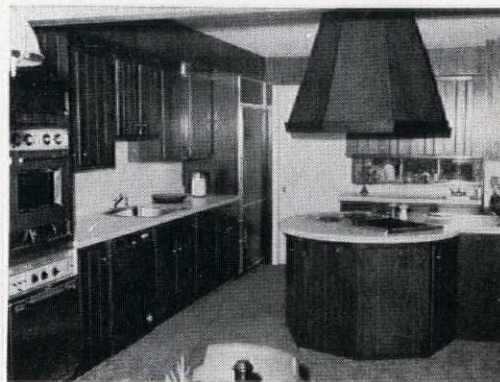
303/825-6203

Exclusive
Distributor

St. Charles
CUSTOM KITCHENS

COLORADO, WYOMING, UTAH, MONTANA, IDAHO
(except S.E.)

Applies to Colorado only



WOOD MODE

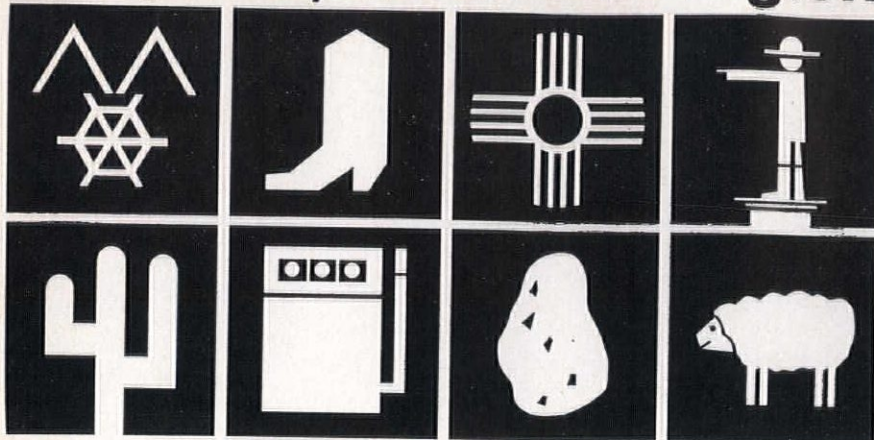
Factory Direct Dealer
Wholesale

Kitchens
by
BILL KLINE

388-5738

SHOW ROOMS AT 2640 E. THIRD (THIRD AT CLAYTON) IN CHERRY CREEK
DENVER, COLORADO

symposia/around the region



arizona

CSI/Phoenix Chairmen

Chapter Prexy, James Lindlan has announced appointments for the year ahead in the up-and-coming Phoenix Chapter of the Construction Specifications Institute. In his "President's Notes" in *Cactus Comments*, he explains that each member of the Board has assumed responsibility for a program area, and if members can match the Board member's enthusiasm, 1969-'70 should be a banner year. Maynard Blumer will continue as Membership Chairman and First Vice President, Joe Gabriel will work with him. Mel Chase (immediate Past President) will be the leader in the SPEC-TIPS program and work with Technical Chairman, Craig Walling. Bob Fort will handle Public Relations, and Board Member, Dick Perrell takes over the blue pencil as Editor of *Cactus Comments*. John Labelle has assumed responsibility for meeting arrangements and the Telephone Committee (a big time-con-

suming job for one guy); the monthly programs will be the concern of Board members, Scott Campbell and Gene Lenahan. Phoenix, of course, is that CSI Chapter that really stacks 'em up in the Technical Studies program. They have made multi strides in this department!

Joint Venture/P.C.

Cooperation is the watchword on this one—and it was a bit difficult to know just where in "Around the Region" to put the story. But, let's try for Arizona — and Colorado and New Mexico please copy! On November 20th, members of the Producers' Council Chapters from Phoenix and Denver will jointly sponsor a table-top exhibit and cocktail hour at Diamond Jim's Restaurant, Winrock Shopping Center (White Winrock Hotel) in Albuquerque, New Mexico. This preceeds the Annual Meeting of the Albuquerque Chapter of the American Institute of Architects.

(We would venture a guess that this will be an important meeting since

ye ed received info on it from Joe Boehning, AIA/Albuquerque, Jerry Bandura, PC/Phoenix and Milt Hayman, PC/Denver. And thanks, everybody!)

Truffa Installed



An impressive candlelight ceremony marked the installation of Reta Truffa

THE PRODUCERS' COUNCIL

INCORPORATED

QUALITY



PRODUCTS

Denver Chapter

N. G. PETRY Construction Company

1114 W. 7th Ave.

Denver, Colorado

303/222-1588

INVESTOR owned CUSTOMER oriented



Public
Service
Company
of
Colorado

Schriber Decorating Company

"A by-word for Quality
through the Years"

- COMMERCIAL
- INDUSTRIAL
- RESIDENTIAL



PAINTING AND
DRY WALL

DENVER, COLO.
1066 8th St. 255-2856

and her fellow officers in the Phoenix Chapter of the National Association of Women in Construction. Reta works for Bob Fort of SMACNA in Phoenix, and her "helpers" in the year ahead are Virginia Fletcher as Vice President, Nell Rugg, Recording Secretary; Louise Liston, Corresponding Secretary; Julie Doyer, Treasurer and Arletta Ives, Parliamentarian. Board members include Betty Guillory, Immediate Past President, Annette Pitel, Arletta Ives, Beth Briswalter, and Dolores Hayes.

colorado

Lunch With A Dinosaur

On October 1, the Symposia Team lunched with the Dinosaur who has taken up residence in the South Platte Drive Plant of the Robinson Brick and Tile Company. This charming addition to Robco's staff is one of three such monsters in operation in the U.S. of A. and is a fabulous critter. Beginning with the raw clay, the Dinosaur cuts and shapes 100,000 bricks a day, sending them to the kiln, untouched by human hands. Robco held a week-long Open House complete with buffet luncheon to welcome the Dinosaur to Denver. We might suggest however if any other ladies are ever invited to lunch with a Dinosaur—wear your "tennies"—climbing around on those open grids during the "grand tour" is a tad tricky in spike heels!

Denver PC News

Yep, they've done it again! Milt Hayman, Denver Chapter President, came home from the President's Conference again this year with a Silver Bell Award! This is the 7th time around Denver has been honored as one of the top Producers' Council Chapters in the country. Milt has also announced his committee chairman for 1969-'70. The Liaison Chairmen are: AIA/PC: Bill Dingler; CSI/PC: Jim Barr; AGC/PC: Bob Denkler; CEC/PC: Don Wakefield and HBA/PC: Carl Edwards.

Other Committee Chairmen are: Telephone, Chuck Parmelee; Registration and Welcoming Committee, Phil Smith; Newsletter, Ken Rowland; Publicity and Membership; Lee Schu-

bert and Don Carlson. Ken is also responsible for Rosters and Mailing Lists. The AIA/PC Golf Outings (Denver and Colorado Springs) are chaired by "Sandy" Sandoval and Gaylord Kirksey, the Decision Maker's Buffet by Burk Brinton and Wally Gordon and the AIA/PC Winter Dance by Bill Dingler and Joe Cullen. Liaison Chairmen will handle their joint meetings, Dick Shaffer will be in charge of the 1970 Student Tour, John Kilbey will be in charge of Informational Meetings, Bill Gammon will take care of the BOMA/PC meeting with Jack Payne and Chuck Binna taking over the AIA Buffet and Product Exhibit, Bob Dunham will handle the Designers function.

Oh, yes, there's more! The Box Lunch Program is chaired by Chuck Parmelee, the Architects-In-Training program which is Gregg Cloos' responsibility, and an even dozen Satellite Meetings which will be handled by Phil Smith, Milt Hayman, Larry Bujaci, Ken Rowland, Bob Wallen, Darrel Turner and "Dutch" Russell. We are not just sure how many Denver Members of Producers' Council are on the roster, but it looks like President Hayman has put 'em all to work this year!

Site Clearance Begins

Ground clearance is under way in Golden, Colorado for the construction of the new \$2,899,750 Cecil H. and Ida Green Graduate and Professional Center on the Colorado School of Mines campus. Named after Dr. and Mrs. Green, major donors, the complex will be centrally located and will become the largest building on the campus.

The center will include lecture halls, an auditorium large enough to seat the entire student body, laboratories and major research facilities. In addition, it will house the modern computer center, an interdisciplinary geoscience research section including a large natural waters laboratory and the departments of geophysics and mineral economics.

The Denver architectural/engineering firm of Ken R. White is in charge of design and completion is projected in approximately two years.

Waltz Me Around Again, Willie!

at the
Annual AIA/PC Christmas Dance
December 20th/Pinehurst Country Club
Denver, Colorado

montana

AIA Election

At their Annual Fall Meeting in September, the Montana Chapter of the American Institute of Architects elected their new leaders for 1970. New President is Willard Johnson, the Vice President is Bill Kuhr, the Secretary-Treasurer is F. Wayne Gustafson. 1970 Directors will be Marty (Past-President) Crennen, Jim Gough, Harry Schmutz and Shel Witter. Writes Symposia Man in Montana, Cal Hoiland . . . "They will take office January 1st . . . or maybe not until the 2nd. Note that President Nixon (Great Falls Society of Architects) will be followed by President Johnson, (Montana AIA)." He chuckles, "A little humor there."

new mexico

National AIA Honored

Meeting in Santa Fe, New Mexico, on September 24-26, the National officers and directors of the American Institute of Architects were honored at a delightful dinner party during their visit. Our report on this comes from Joe Boehning, who is Vice President of the New Mexico Society/AIA. He writes: "Bonnie and I attended a most pleasant and different dinner party at Nat Owings' residence near Santa Fe. (Mr. Owings of Skidmore, Owings and Merrill, is a part-time resident of picturesque Santa Fe). This dinner was in honor of the National AIA officers and directors who were holding their Board meeting in Santa Fe. Mr. and Mrs. Owings were most gracious hosts, and their home is a real show-place."

"Part of the home was reconstructed

from the old Pojoaque Indian Pueblo. The rest of the home is built of adobe walls, plastered with mud, wood and dirt roofs and old wood floors. It is difficult to distinguish the old pueblo from the new construction."

"We enjoyed some Indian dances and a short talk by A.I.A. President, Rex Allen. The weather was perfect for eating out in one of the many patios. The Santa Fe and Albuquerque Chapters were well represented at the dinner."

It would seem the Santa Fe Chapter, aided and abetted by the Nat Owings, really did us proud on this one!

Spreading the "Good Word"

In October, prospective members of the Albuquerque Chapter of the Construction Specifications Institute were given "de gospel" according to Region 10 Director Bob Schmidt. Bob gave a slide presentation which included all the important "facts and figures" of this national organization which is devoted to better specifications in the construction industry. He talked about the background and objectives of CSI, the history of the Albuquerque Chapter (The Big Baby!) and the CSI Format. He covered CSI Documents and Study Procedures, Retrieval Systems including both SPEC-DATA I and II, memberships and the fine CSI Technical programs. Three Albuquerque CSI members commented on what CSI has meant to them; Robert G. Mallory of Ferguson, Stevens, Mallory and Pearl/Architects, took the Architect's viewpoint; Arnold Stone of New Mexico Marble and Tile

Company spoke for the Contractors, and the Supplier's viewpoint was expressed by Lloyd Saltee, J. C. Baldridge Lumber Company.

The Albuquerque Chapter has always had a large and enthusiastic membership, and it would seem they are adding to it. More power to 'em!

Progress Report/Design Center

Until Uncle really sharpens up the knife, plans are going forward for the establishment of a Community Design Center to be located in Albuquerque. Joe Boehning reports that office space has been provided for the project in the building being used as the neighborhood office for the Albuquerque Model Cities program, and that the AIA Chapter has donated \$100.00 to improve the space. Fifteen students from the Department of Architecture at the University of New Mexico have already signed up to work on it. There is a fine spirit of cooperation here between professionals in the Chapter and the University.

Joe also gives us the names of the new officers which have just been elected by the Student Chapter of the AIA at UNM. John Throne is the President, John Bland, Vice President; Ken Womack, Secretary; and Mrs. Jean Witherspoon is the new Treasurer.

utah

"Old Dominion"/1969

In reviewing newsletters, releases and the reports from our Utah Board members, it occurs to us that Utah seems to be replacing Virginia as the "Mother of Presidents." The "Old Dominion" never had three national prexys simultaneously, at any rate.



LONG-STRONG

...and economical

Spans to 100 feet. Light weight for carpenter erection. Open steel webs for ductwork. Nailable wood chords. TRUS JOISTS are precision engineered and quality built in any profile with three weeks delivery.

trus joist



los general building service and supply, inc.
1736 boulder street, denver, colorado 80211 / phone (303) 433-8995

OLYMPIC Pre-Stained Wood

Quality - Economy

Reduced Labor Cost

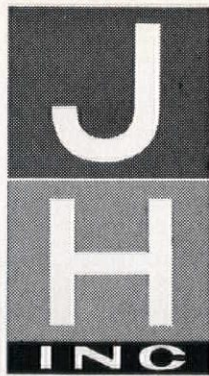
Lasting Results

IMMEDIATE DELIVERY



**Alpine
LUMBER CO.**

4100 So. Santa Fe Dr.
Englewood, Colo. 80110
Phone 789-2275



*Specializing in Service to
Architect & Contractor*

Schlage Amweld
In Denver Stock

Phone 623-6272

**JOHNSON
HARDWARE, INC.**
WEST 7TH & ALCOTT STREET
DENVER, COLO. 80204

**BUILD
WITH
BRICK**

Never goes out of fashion ...
Never wears out

For Colorado's widest
selection of textures,
styles and colors, see

THE COLORADO BRICK CO.
Sales office in Denver

520 W. Elk Place • 222-2808
Plants in Boulder and Longmont
Area distributor for ACME BRICK

With the induction of Margaret Borg as new president of the National Association of Women in Construction in Honolulu—that magic number was achieved. In addition to Margaret, there is Art V. Maxwell who heads up the Consulting Engineers Council/USA, a principal in the Salt Lake engineering firm of Nielsen and Maxwell. And then there is Dean Gustavson who was installed in June as the President of the National Council of Architectural Registration Boards.

Dean incidentally is very much on the move these days, but he was home long enough to review the new Uniform Application Forms for both reciprocity and examination for his fellow A.I.A. architects at their regular Utah Chapter meeting on October 16th. And Art Maxwell is on the go so much, the CEC/Utah Chapter News Bulletin even publishes a regular monthly column headed "Traveling With Art Maxwell."

WIC of the Year!



A double honor was accorded Lois White at the Installation ceremonies of the Salt Lake City Chapter of the Women in Construction. Lois is the new president **AND** the "WIC of the Year"—this annual honor of "the most valuable player" was voted by her colleagues in this association of women actively employed in the Construction Industry. The Candlelight Installation Ceremony was held at the University Club in Salt Lake City, and on hand to do the honors was Miss Margaret Borg, newly installed "Top Lady" of the National WIC group. The "WIC of the Year" silver plate was presented to Lois by last year's winner, our own Nancy Carpenter. Lois, incidentally, has one of the most delightful, dry wits "around the region." At the Region 8 Forum in Tucson, last Spring, her comments, prepared or extemporaneous, kept WICs chuckling merrily. Congrats to Lois on two honors at one and the same time.

modernfold
DOORS

- ACOUSTI-SEAL
- COIL-WAL
- AUDIO-WALL
- SPLEN-DOOR
- SOUNDMASTER
- WOODMASTER

*Flexibility with Quality,
Durability, Beauty*

*A Product for Every
Space Division Requirement*

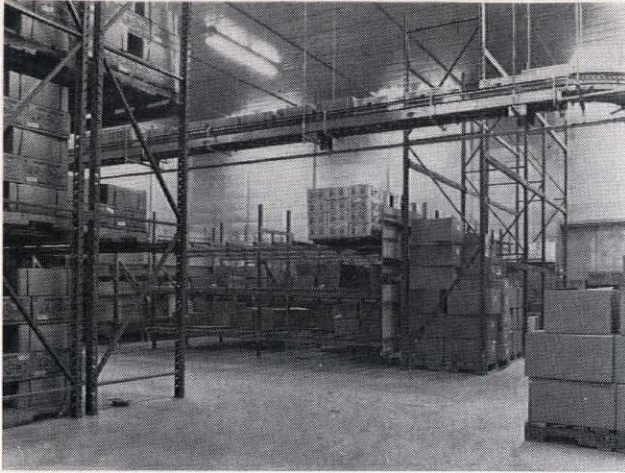
**Complete
Installation and Service**

DAHL SALES,
INC.
1223 BANNOCK ST.
623-5193

*Sanymetal
Toilet
Partitions*

**Immediate
Delivery
from
Denver Stock**

LEEVEE
Building Specialties
2538 18th Street
Denver, Colorado
303/433-2501



MR. STEAK

Office and Warehouse

Denver, Colorado

Designer: M/S Development Corporation

Contractor: M/S Development Corporation

Concrete

Supplier & Finisher: Walt Flannagan & Co.

TRIPLE SEAL

Requirement: Obtain the best possible floor
that would be: crack free—
wear resistant—low maintenance costs—freezer, warehouse, office

Solution: TRIPLE SEAL

Cures — Seals

Hardens — Dustproofs

Spec Data Sheet Available



PROTEX INDUSTRIES INC.

1331 W. Evans Ave.—Denver, Colo. 80223

303/935-3566



Specify Richlawn Windsor Sod

The latest improved variety of Kentucky Blue grass.
We Grow it . . . We Install it . . . We Service it.

and

We give you a Full Written Guarantee

Our only business is growing and installing quality sod for the beautification of homes and institutions.

As the largest grower of premium sod in Colorado, we have to maintain a high standard for your complete satisfaction.

This is why over 90% of the leading landscapers prefer our product.

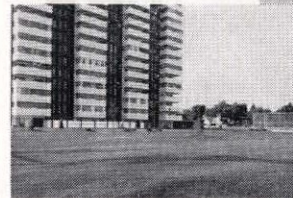
We invite your inquiry

RICHLAWN TURF FARMS

Denver-Boulder 771-5611

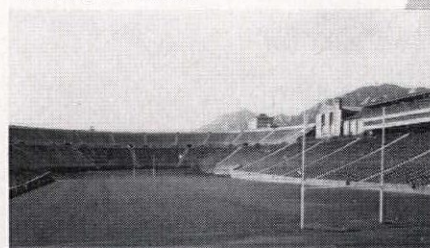
Colorado Springs 473-5836

Pueblo 473-5836 (Call Collect)



Polo Club apartments

University of Colorado



Home of former
Governor Dan Thornton



Construction Option Set At UNM

Dr. Richard H. Clough, of the Department of Civil Engineering at the University of New Mexico, has announced the recent establishment of a new four-year undergraduate construction option in the Civil Engineering curriculum. Begun in the fall of 1968, this new program already has attracted 12 undergraduate engineering students who are preparing themselves for a productive career in the construction industry.

The need for college study in the field of construction has long been recognized by representatives of the construction industry. The Associated General Contractors of America (AGC), a group representing the management aspect of the construction industry, has long encouraged the establishment of college curricula for the construction profession.

This year, the New Mexico Building Branch, AGC, one of 135 chapters and branches of the AGC in the nation, awarded scholarships to two UNM students enrolled in the undergraduate construction option at UNM. The construction option curriculum combines studies in civil engineering, business, economics, and the social

sciences. The courses are selected to provide the student with a broad background in construction engineering, business, economics, management, and human relations. Public speaking is required to give the student the very important skills of verbal communication. Psychology and sociology are recommended electives. During the summer months, every effort is made to find these students jobs with the local construction industry.

The UNM Department of Civil Engineering also has an established construction program leading to the Master of Science degree. Nine engineering graduate students are presently enrolled. This curriculum is directed toward graduate engineers who are working in some area of the construction industry, and who need a broader background in modern construction techniques and management methods.

About half of the graduate construction program consists of required courses in construction management, managerial accounting, business economics, and statistics. The remainder of the courses are elective from a

broad range of advanced civil engineering courses, computer use and application, organizational behavior, and labor relations.

Academic programs that emphasize the business aspects of construction are recognized as making valuable contributions to the construction industry by both academic and industry leaders. The increasing complexity of construction systems requires a much broader education than it did only a few short years ago. Business and management fundamentals are indispensable educational prerequisites for a successful career in the construction industry. Studies repeatedly show that most business failures in construction are directly attributable to management inadequacies.

The two construction programs at UNM, undergraduate and graduate, are designed to complement one another. When both are fully developed, a student can complete the requirements for both the bachelor's and master's degree in five years. By completing both the undergraduate and graduate construction options, the student will possess a rare combination of civil engineering, construction, business and management training.

Engineers and Designers
Since 1922



"We Have Something
To Crow About"

Cleveland • Richmond • Buffalo • Denver

SHAKER

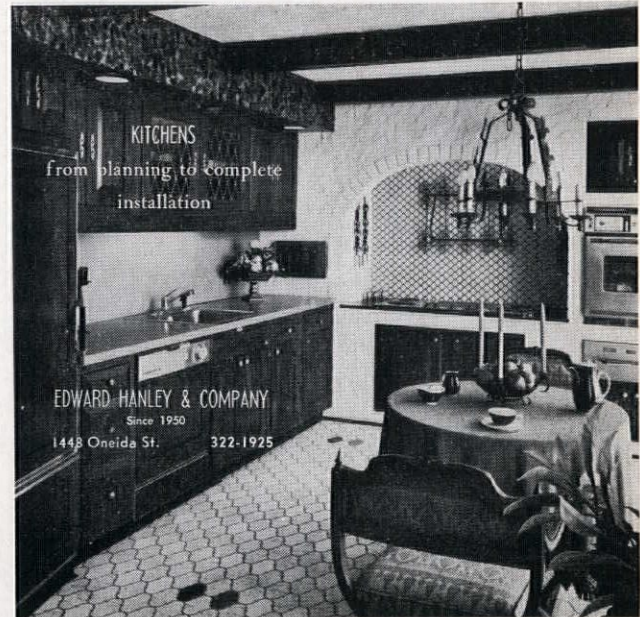
Air Conditioning Company

Mechanical Contractors

4755 Lipan St.

433-8608

Denver, Colo.



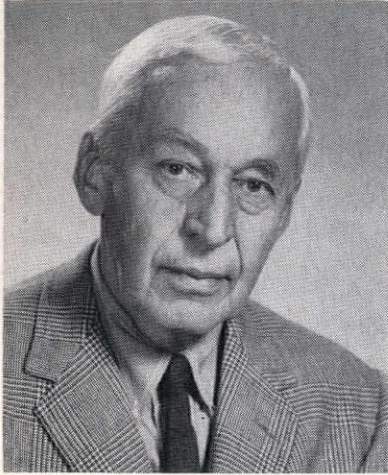
KITCHENS
from planning to complete
installation

EDWARD HANLEY & COMPANY
Since 1950
1448 Oneida St. 322-1925

STEEL DECKS • METAL WALLS • MEL ELWARD COMPANY

• DENVER, COLORADO •

hail and farewell!



Richard A. Morse, AIA

A September letter from Richard Morse, AIA, Tucson, Arizona had something of the same bittersweet quality of "September Song." As of the 26th of that month, Mr. Morse resigned his appointment as Secretary-Treasurer of the Western Mountain Region, and the Minute-Book, the Account Book and all other such appurtenances of the office returned to William Cook also of the Southern Arizona Chapter.

During his tenure in office, Mr. Morse has endeared himself to all the Region, he is, indeed, a very great gentleman, and the Symposia Team has deemed it a real privilege to work with him. This is, of course, not a final farewell by any means, because Mr. Morse will continue to be active in both Chapter and Regional A.I.A. affairs.

Reassuming his official position is Bill Cook of Tucson who took leave of his firm, and his A.I.A. jobs in early 1968 to accept a position in South America. It was a splendid professional opportunity to broaden his wide horizons, and he has just recently returned to his active practice in Tucson. Mr. C. will be in his accustomed place at the Board Meeting of the Western Mountain Region at the 18th Conference scheduled for 9:30 a.m. November 11 in the Ruby Room at the Dunes in Las Vegas.

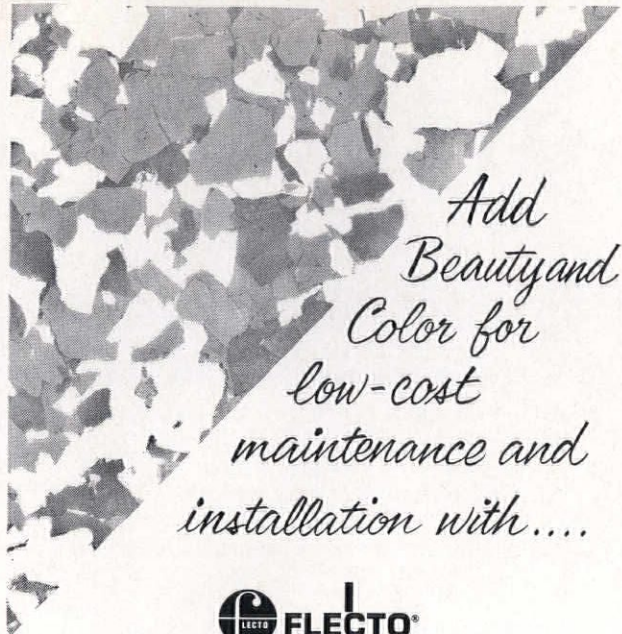
Hail, Mr. Cook!

Farewell, Mr. Morse!

A REMINDER

December 5, 1969 is the date set for the third Annual Conference by the Joint Committee on Employment Practices. The theme for this year's meeting is "Employee/Employer—A Relationship in Transition." The all-day conference will be held at the Arlington Park Towers, adjacent to Chicago's O'Hare Field. The Joint Committee on Employment Practices is a coordinating body of the American Congress on Surveying and Mapping, American Institute of Architects, American Institute of Chemists, American Society of Civil Engineers, Consulting Engineers Council/USA, Council for Photogrammetry and Professional Engineers in Private Practice of the National Society of Professional Engineers. Program announcements and reservation forms are available now. You may receive this information by writing to:

Robert Allen Class, AIA
Secretary, JCEP
American Institute of Architects
1735 New York Avenue, N.W.
Washington, D.C. 20006



Add
Beauty and
Color for
low-cost
maintenance and
installation with....

FLECTO
seamless
PLASTIC FLOORING SYSTEM

COLORADO PAINT COMPANY

Manufacturers of SUPERIOR Paint Products

SINCE 1904

4747 HOLLY STREET



DENVER, COLORADO 80216

303-388-9265

NOW AVAILABLE—

Underwriter Approved



4'0" x 10'0" — 1 3/4 "A" LABEL DOORS

The largest in the industry

And an "A" Label DUTCH DOOR 4'0"x7'2"

Use these to solve your cloak room
fire hazard problems.

Call —

BUILDING SPECIALTIES, INC.

1033 W. Mississippi Ave.

Denver, Colorado 80223

744-7008

STANLOCK[®]

NEOPRENE

Structural Glazing Gaskets

**ACHIEVE POSITIVE WEATHER SEAL
WITH CONTEMPORARY DESIGN**

WITH METAL FRAMES
WITH CONCRETE FRAMES

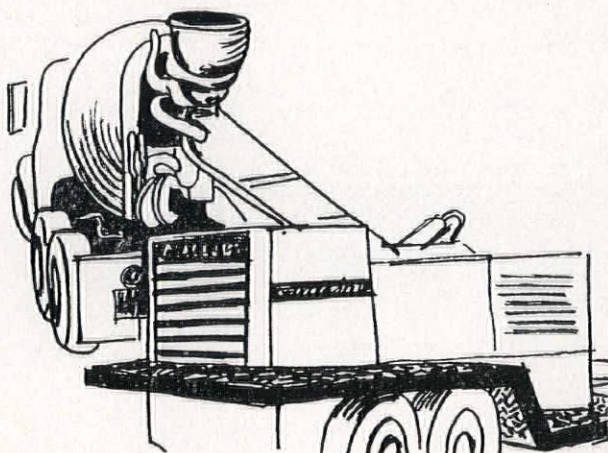
Structural gaskets are elastomeric mechanical seals for attaching panels or glass to framework of metal or concrete. They are simple, clean, neat in appearance and provide a faster completed job.

A Continuous Program of Testing Insures Top Quality

Columbine Building Specialties Co.

1945 W. 12th Ave. (303) 292-2371
Denver, Colorado 80204

MEARLCRETE CELLULAR CONCRETE



TREELINE

Building Products and Ideas

- Tahlequah and Milliken Carpets
- Markwood Prefabricated Saunas
- Colorsa Home Steam Baths

CONCRETE PLACERS, Inc.

301 Vallejo St.

744-3611

A Division of



TREELINE Enterprises

301 VALLEJO STREET • DENVER, COLORADO 80203
Telephone 744-3611

symposia/about the cover

Communications across the wintry waste land separating Las Vegas from Denver, where, to borrow a Hoilandism, the snow is two squaws deep, seemed to have hit a small snag. We are therefore able to tell you only that our somewhat psychedelic cover is the work of John Mayers of Las Vegas, that he is also doing more of the same for the Western Regional Conference . . . posters, et al. We thought it was a "fun" cover and we're looking forward to meeting its author come November 10.

Index to Advertising

CSI Specifications Division

Page

6	Alpine Lumber Company.....	45
9	Ameritone Paint Corporation.....	42
3	Architectural Concrete, Inc.....	12
2	Astro Surfaces, Inc.....	18
8	Building Specialties, Inc.....	49
4	Colorado Brick Company.....	46
	Colorado Interstate Gas Company.....	9
8	Colorado Metal Products Company.....	10
7	Colorado Paint Company.....	49
8	Columbine Building Specialties.....	50
3	Concrete Placers, Inc.....	50
8	W. Ray Crabb, Inc.....	18
10	Dahl Sales, Inc.....	46
3	Dewey Rocky Mountain Cement.....	41
3	Dow Chemical Company.....	Inside Front Cover
5	Mel Elward Company.....	48
7	Francis J. Fisher, Inc.....	42
10	Granite Mill & Fixture Company.....	8
10	Edward Hanley Company.....	49
10	Johnson Hardware, Inc.....	46
10	Kitchens by Bill Kline.....	42
10	Leever Building Specialties.....	46
15	McCoy Company.....	17
9	Monarch Tile Manufacturing, Inc.....	5
10	Nelson Distributing Company.....	19
8	Pella Products of Colorado, Inc.....	38
	N. G. Petry Construction Company.....	43
	Producers Council.....	43
7	Protex Industries, Inc.....	47
	Public Service Company of Colorado.....	44
2	Richlawn Turf Farms.....	47
13	Riebe & Bowman, Inc.....	11
4	Robinson Brick & Tile Company.....	38
9	Schriber Decorating Company.....	44
12	Seal Furniture, Inc.....	3
15	Shaker Air Conditioning Company.....	48
5	Steelsco, Inc.....	Inside Back Cover
4	Structural Clay Products Institute.....	20
5	Trus-Joist Corporation.....	45
11	Unistrut Western, Inc.....	39-40
6	Western Plywood & Door, Inc.....	7
6	Woodside Lumber Company.....	13-14-15-16
5	William G. Zimmerman Architectural Metals, Inc.....	Outside Back Cover



THE SPEED STEEL SYSTEM

Speed
Steel
Is Part of
the Framing
in:

Denver Convention Center—Wall Panels
Harvest House Nursing Home—All Studs and Joists
Remington Post Apartment Complex—Exterior Walls
Hewlett Packard, Loveland—End Walls
Alpiner Motel, Steamboat Springs—Complete Framing System

Arapahoe County Airport—Overhead Doors
Palmer Plaza Shopping Center, Farmington, N. M.

Penn Metal's Speed Steel is a light weight high strength framing system limited only by your imagination. Its use in the varied structures mentioned is only a sampling.

To acquire increased fire protection; reduce dead load; achieve pre-cut and off-site panelized components, it will pay to check with us. Its compatible with virtually all collateral materials.

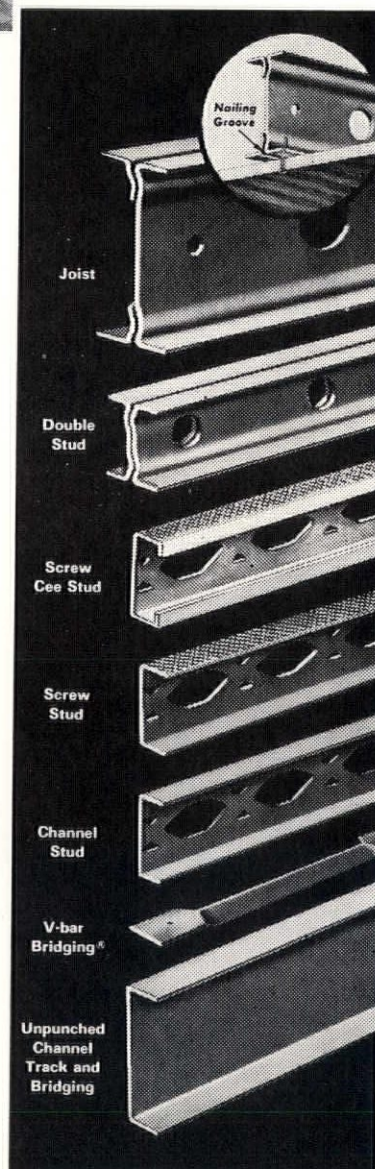
STEELSCO, INC.

Fabricators—Erectors

4200 South Navajo Street

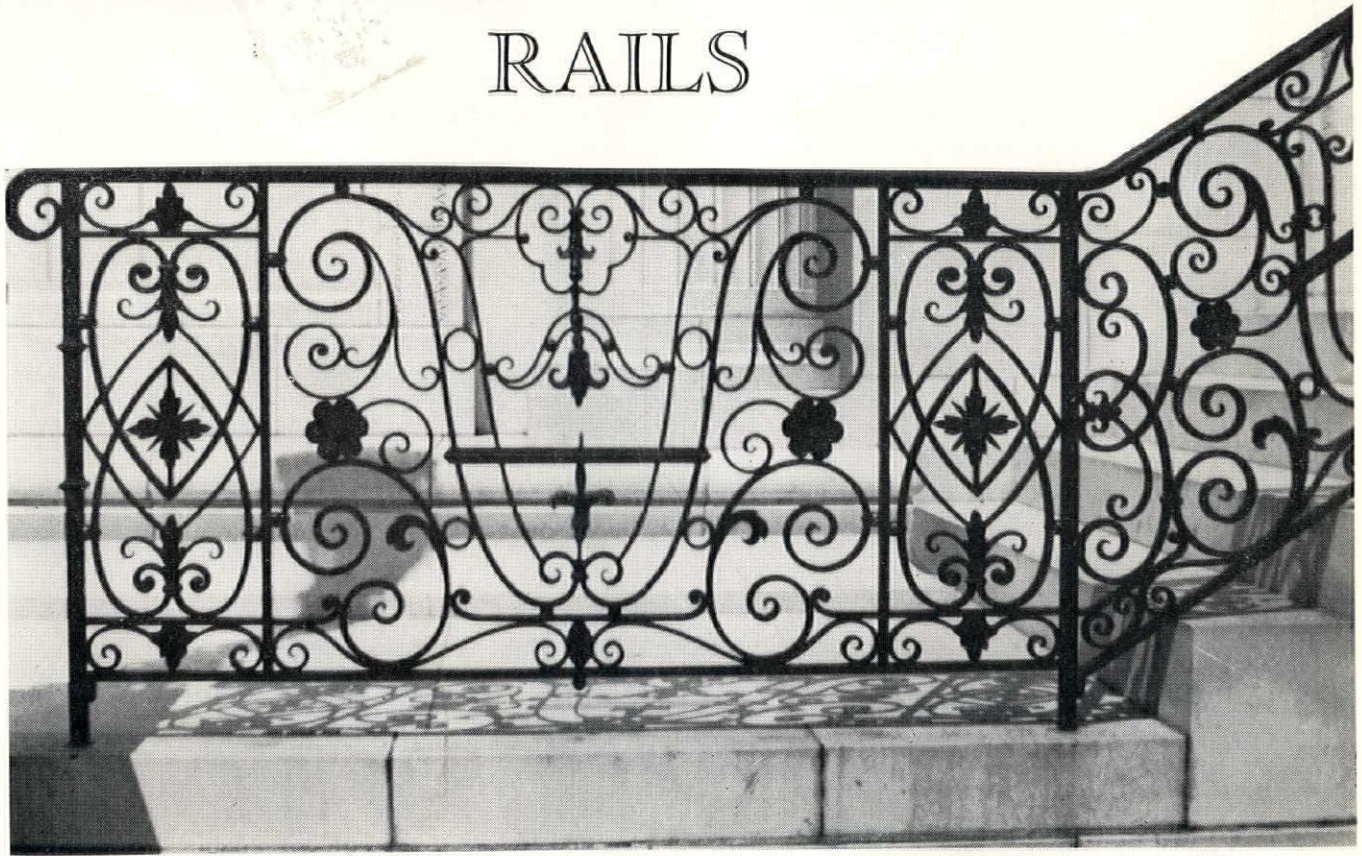
Englewood, Colorado 80110

303/789-0528





RAILS



Bronze
Aluminum
Stainless Steel
Forged Steel

Architectural Concepts
Carefully Implemented
Your Design or
Our Design

Architectural Metal
by



William G. Zimmerman
Architectural Metals, Inc.

Craftsmen for the Rocky Mountain Region Since 1932
PHONE 623-4171 201 EAST 58TH AVENUE

DENVER, COLORADO 80216