

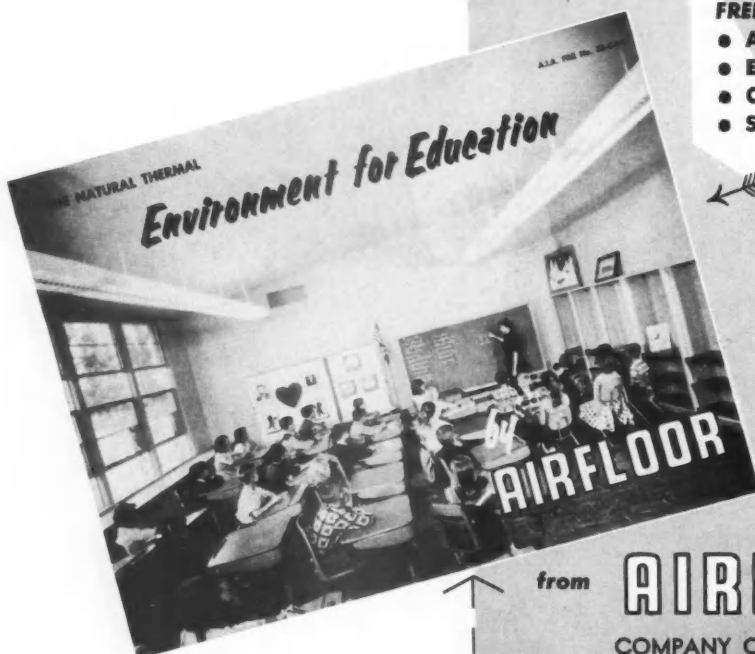


AIA — New Orleans — 1929
What a Commemorative Moment

AIA ARIZONA ARCHITECT

11
JULY 1957 VOL. 2, NO. 1

YOURS!



FREE TO

- ARCHITECTS
- ENGINEERS
- CONSULTANTS
- SCHOOL BOARDS

from

AIRFLOOR

COMPANY OF CALIFORNIA, INC.

SCHOOL BROCHURE

... explaining the unique advantages of this product which creates a hollow concrete floor for the purpose of radiant and convection heating and/or cooling.

Read and see how AIRFLOOR can be adapted to YOUR plans, to become an integral, permanent part of the structure; providing the undisputed ultimate in comfort—the ideal "Environment for Education."

- Historical background of AIRFLOOR
- Environmental problems of today
- How AIRFLOOR overcomes these problems
- Typical AIRFLOOR applications
- Common methods of air supply, etc.
- Some schools using AIRFLOOR

AIRFLOOR COMPANY OF CALIFORNIA, INC.

13729 E. Rosecrans Avenue, Santa Fe Springs, Calif.

Please send your new School Brochure to:

Mr.
of
Address.....

For reference ☐ Send full information ☐
Have school in planning stage ☐ Arrange an appointment ☐

OR FROM YOUR NEAREST MANUFACTURERS REPRESENTATIVE

CARNS-HOAGLUND CO.

Air Conditioning • Heating • Ventilation
420 N. 15th Ave. • Phoenix, Arizona

AIA ARIZONA ARCHITECT

POST OFFICE BOX 904
PHOENIX, ARIZONA

1423 N. Third Ave.,
Phone Alpine 2-4318



Official Monthly Publication of the
ARIZONA SOCIETY OF ARCHITECTS
comprised of
**CENTRAL ARIZONA CHAPTER and
SOUTHERN ARIZONA CHAPTER of
THE AMERICAN INSTITUTE OF ARCHITECTS**

Phil Stitt Managing Editor

CHAPTER OFFICERS

CENTRAL ARIZONA CHAPTER

A. John Brenner President
97 W. Lynwood, Phoenix
Jimmie R. Nunn Vice-President
Kemper Goodwin Secretary
P.O. Box 904, Phoenix
Lester Laraway Treasurer
James W. Elmore Director
Martin Ray Young, Jr. Director
David Sholder Director

SOUTHERN ARIZONA CHAPTER

Edward H. Nelson President
P.O. Box 731, Tucson
Gerald I. Cain Vice-President
Robert J. Ambrose Secretary
2447 N. Stone, Tucson
David S. Swanson Treasurer
Emerson C. Scholer Director
D. Burr DuBois Director
Santry Fuller Director

Subscriptions: \$4 a year
Per copy: 40 cents

July, 1959
Volume 2, No. 11

IN THIS ISSUE

COVER Sketch of Jackson Square, New Orleans, by E. B. Morris, Sr.

PRESIDENTS' PAGE Ned Nelson and guest columnist Jimmie Nunn report on the AIA convention at New Orleans

PERSPECTIVE The editor finds that hot weather is no bar to successful conventions

WHAT A CONVENTION MEANS For the architects — knowledge

FOR THE LADIES Convention Album by Lois Nelson

CONVENTIONS DON'T "JUST HAPPEN" They take planning and work

THEY MEAN BUSINESS ACCOMPLISHED

NEW PRODUCTS SHOWN

NEW ORLEANS Its history, color and culture

A CONVENTION MEANS FRIENDSHIPS

REGIONAL CONFERENCE CALLED

CHAPTER NEWS

LOOKING AT THE SPECS By Louis P. Schmit

ARIZONA LANDSCAPE Last of a series by Desmond Muirhead

BOOKS

Page 5
Page 6
Page 9
Page 10
Page 11
Page 12
Page 13
Pages 14-18
Page 19
Page 20
Page 21
Page 22
Page 24
Page 26

Signed articles reflect the views of the authors and do not necessarily represent the official position of the Arizona Society of Architects or the Central or Southern Arizona Chapters, AIA.

Advertisers' Index

These firms and their products make possible this magazine's public service. Remember them.

ARIZONA PORTLAND CEMENT CO.
ARIZONA PUBLIC SERVICE CO.
ARIZONA STRUCTURAL CLAY PRODUCTS ASSN.
ARIZONA TESTING LABORATORIES
BLACK & RYAN AIR CONDITIONING CO.
BLACKMORE SALES CO.
CARNS-HOAGLUND CO.
DEER-WILLIAMS CONSTRUCTION INDUSTRIES, INC.
ENTZ-WHITE LUMBER & SUPPLY CO.
FLEMISH GLAZENIER
GLADDING, McBEAN & CO.
GLEN-MAR DOOR MANUFACTURING CO.
HASKELL-THOMAS, INC.
INTERNATIONAL METAL PRODUCTS CO.

24
14
4
13
7
21
2
13
14
7
10
22
27
28

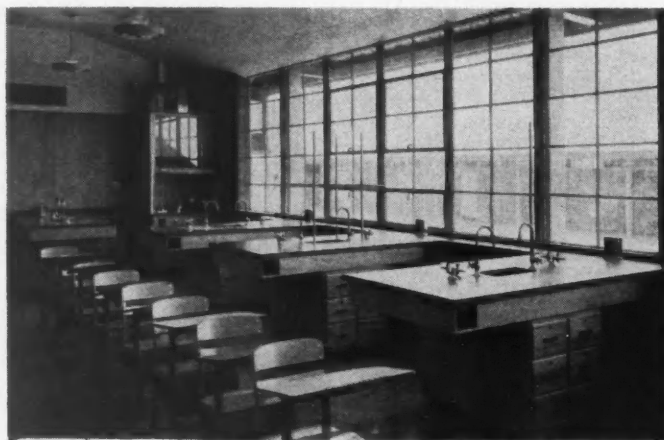
NELSON-HOLLAND BUILDERS HARDWARE
O'MALLEY'S BUILDING MATERIALS
PHOENIX ROOFING AND SUPPLY CO.
PIONEER PAINT AND VARNISH CO.
PIPE TRADES INDUSTRY PROGRAM OF ARIZONA
PRECISION PARTS CORPORATION
SA-DEL COMPANY
PHIL STONE CO.
SUPERIOR SAND AND GRAVEL
SUPERLITE BUILDERS SUPPLY CO.
THOREN'S SHOWCASE AND FIXTURE CO.
TRUSS FAB INC.
UNION GYPSUM CO.
VENT-A-HOOD OF ARIZONA

18
20
24
19
16
12
25
8
18
8
4
23
17
15

SPECIALISTS IN ARCHITECTURAL MILL WORK

•
Complete Installations
Cabinets, Seating,
Laboratory Equipment
•

Authorized State Distributors for
Rowles School Equipment



Installation by Thoren's

San Manuel High School

Thorens

BACKED BY 200 YEARS OF FAMILY EXPERIENCE IN CABINET WORK AND DESIGN

SHOWCASE & FIXTURE COMPANY, INC.

PHONE WO 7-4771

149 FARMERS AVE., TEMPE



Clay Brick

FOR TEXTURE, WARMTH AND DURABILITY

GRABE BRICK COMPANY • LOUIS DeVRY & SON • PHOENIX BRICK YARD • TUCSON PRESSED
BRICK COMPANY • WALLAPAI BRICK & CLAY PRODUCTS • WESTERN CLAY PRODUCTS



THE PRESIDENTS' PAGE



**CENTRAL
ARIZONA
CHAPTER**

John Brenner



**SOUTHERN
ARIZONA
CHAPTER**



Edward H. Nelson

GUEST COLUMN BY JIMMIE R. NUNN, AIA

THAT NEW ORLEANS is a popular city for a convention is obvious from the registration for the American Institute of Architects national convention there. Not since the New York convention several years ago has there been such an attendance, which topped 2,260 in the Louisiana city.

The enthusiasm with which members participated is a good indication that another good turnout may be expected at San Francisco next year.

Your vice president was happy to have been one of those attending and it was a real privilege to make the seconding speech in behalf of our chapter for our good friend, Raymond Kastendieck, of Gary, Ind., for treasurer of the national AIA. John Noble Richards, president, Phil Will, first vice president, Henry Wright, second vice president, and Kastendieck, treasurer, all were re-elected, the first three unopposed. Roy Carroll, of the Middle Atlantic Region, succeeds Ed Wilson, of Texas, as secretary.

The formal convention and the social affairs — both planned and extra-curricular — from the New Orleans Country Club to the Bourbon Street bistros were all most successful. Convention highlights include:

The stirring keynote address by Edward Stone; the dynamic welcome from the mayor of the host city and his narration of a fine color film of the growth and development of New Orleans; the stimulating panel discussion of "Design" by William Pereira, Minoru Yamasaki and Charles Pratt, under the spirited chairmanship of Philip Johnson;

Also the impressive presentation of awards, particularly the \$25,000 Reynolds Aluminum prize to Barry Patten, from Australia; and the climax of the convention, the investiture of new Fellows and presentation of the Gold Medal of the Institute to Walter Gropius.

The California hosts for next year's convention will be hard-pressed to top the 1959 edition. But they have already vowed to try and have invited us to come to the Golden Gate to help measure their success.

MINORU YAMASAKI was, for me, the most unforgettable and provocative personality at the New Orleans convention. He is a thoughtful, humble man who has a deep sense of obligation to his fellow men.

He presents many challenges to architects. He asks them to examine their consciences and their work and to apply the lessons history teaches. He makes them wonder if they are really doing anything constructive with the human spirit or whether they are only adding to the drabness and monotony of their environment. The impact of his personality stimulates the architect to ask himself if he is fulfilling his obligations to his own society, his community, his fellow architects and his clients.

He had the courage to speak-up in a very gentle way about finding a humanitarian solution to the race problem in this country. He spoke as a member of a minority group and to an audience heavily weighted with southern architects and their wives and yet he was apparently well received.

He dwelt on the need for architects to provide buildings that give human beings an attachment to their lives on earth. He talked about delight, human experience and serenity in architecture and about human responses to these qualities.

The slides of his work showed a romanticism and delight created by variety of form and space and an imaginative use of concrete structural shapes.

Speaking from a record of achievement in contemporary architecture that has few challengers, he asked the architects to be true to their technology. He said "you should ask yourself if this building could have been built 100 years ago."

It is a provocative question, and unless the answer is an unequivocal "No!" then the architect is failing to utilize the tremendous advances that technology has brought to society. Because some of these advances may tend to inhibit good design, which is the architect's art, they present him with a double challenge.

The Editor's PERSPECTIVE

THERE ARE TWO major motives behind this issue. One is to make many architects wish they had gone to the New Orleans AIA Convention — and resolve not to miss future conventions.

The other is to endorse the move which would develop and promote Phoenix and Tucson as year-round convention cities. Such an endorsement comes without reservation after our own first visit to New Orleans in late June.

At first we hesitated to go, largely because of *their* reputed summer weather. But we went, and out of our experience has come the conviction that — given convention facilities — Arizona, too, could attract people the year 'round. And make them glad they came, no matter the season.

Sure it was hot in New Orleans — and humid. But we slept under blankets at night, and my wife had to buy a stole to wear on the tour busses, in restaurants and other places when we were not moving around. It was that cool in New Orleans — indoors. For the relatively short periods of time we were outdoors roaming the Vieux Carré or walking the grounds of an old plantation we were not bothered too much by the heat. It was never very long before we were indoors again — in an old cathedral, a high-ceilinged shop or gracious home with a fan-stirred breeze, a modern refrigerated store, or in a greenery-shaded courtyard.

New Orleans is booked years ahead for conventions. The city is blessed with several natural advantages. It has history and traditions; it is a seaport second only to New York (though the city is over a hundred miles from the gulf). The architecture, which was good from the city's founding, varies from slave quarters at the back of gate-guarded courtyards to the most modern of buildings.

Lovely old trees are everywhere — many with white or colored blooms, or draped with moss. Old drainage ditches that formerly radiated through the city to Old Man River are now covered over and are park-like greenways.

You can ride anywhere in New Orleans for seven cents. There's an electric bus or street-car every few minutes to almost any place, and the people use this transit system and leave their cars at home. Thus there is much less automobile traffic than in most major cities.

New Orleans has a thriving "downtown" just across Canal Street from the historic old French Quarter that is a major tourist attraction. The biggest hotels and most fashionable stores are but two minutes walk-

ing distance from horse-drawn carriages, world-famous eating places, and the strippers, artists and jazz bands of sensuous Bourbon Street.

Yet a constant flow of tourists hasn't taken away from this great and colorful convention city the one ingredient for which the South has perhaps been most famed — its hospitality.

Many southerners undoubtedly feel deeply their traditional attitude toward Negroes, and might be expected to resent what they believe to be a "Northern attitude" which is unquestionably held by many of their visitors. But you would never know it. They jokingly tell how their towering statue of Lee was taken down because it started leaning toward the north. It was later re-erected without such unforgivable bias.

It is interesting — and a dividend of travel — to see how the Negroes live in a big southern city. A look at a handsome black face as finely chiseled as that of a Greek god will set your thoughts back to the days of slavery and give your history books a new meaning. A sidewalk jazz band of kids, using empty cartons for drums, demonstrates the gaiety which is traditional among their race, despite their historic tribulations.

These are all some of the extra pleasures and profits of an AIA convention. They will vary from city to city. Themes will change; different authorities will give of their knowledge and experience and broaden any member's knowledge and architectural proficiency. But one great feature of AIA conventions will always be the same — the unexcelled opportunity to renew acquaintances and make new friends among some of the nicest people in the world.

Orleanians will long be remembered by architects as thoughtful hosts, hostesses, taxi drivers and very friendly people. I also found that Orleanians like architects. On opening day I stepped up to the coffee shop cashier just as she was trying, with difficulty, to say the word "architect" to a lady customer. I helped them out by explaining that the badges were being worn by delegates to the convention of the American Institute of Architects. The customer nodded and left. Then the cashier explained: "She was saying there's a fine looking group of men and women in town — looked very intelligent."

My AIA badge said "Press", not "Member". But I put it on and wore it with real pride, just the same.

Phil Litt



THE FLEMISH GLAZENIER • STAINED GLASS • DESIGNERS AND CRAFTSMEN

ANNOUNCES A NEW SERVICE FOR ARCHITECTS

CONSISTING OF A GALLERY AND RESEARCH LIBRARY
CONCERNED WITH ARCHITECTURE AND THE ARTS
WITH PARTICULAR EMPHASIS ON CONTEMPORARY
CHURCH ARCHITECTURE ALONG WITH INFORMATION
AND EXAMPLES OF WORKS OF ARIZONA ARTISTS
SPECIALIZING IN MEDIUMS SUITABLE FOR PUBLIC
AND PRIVATE BUILDINGS

Robert Mansfield, Chief Designer

Lisle Follette, Chief Craftsman

Charles Schumacher, Designer-Craftsman Specialist

Joseph C. Lincoln, President

Ted Washburn, Business Manager

FORTY-SEVEN WEST FIFTH AVENUE • SCOTTSDALE, ARIZONA • WHITNEY 5-6471

IN ARIZONA — The Climate is IDEAL Year 'Round

IN HOMES and OFFICES

IN STORES and FACTORIES

IN HOTELS and CONVENTION HALLS

Where



*Refrigerated
Air Conditioning is
Providing the Ultimate
in Dependable
All-round Comfort.*

First in Quality! First in Sales! First Name in Air Conditioning!

CALL YOUR NEAREST CARRIER DEALER FOR A FREE ESTIMATE



BLACK and RYAN AIR CONDITIONING CO.

DISTRIBUTORS

630 W. WASHINGTON

PHOENIX, ARIZONA



"Acrylite" Panels used in the offices of
ARIZONA FACTORS CORPORATION
 7000 East Camelback Rd., Scottsdale
 Raymond P. Green John A. McCormack

DESIGN PRESTIGE ASSURED!

Wasco "Acrylite®"

Distinctive Wasco "Acrylite" panels offer exclusive features that guarantee owner satisfaction.

- Translucent Wasco "Acrylite" is available in stock sheets 36" by 72" for interior or exterior design applications.
- Over 24 patterns available in thicknesses of 1/8, 3/16, and 1/4".
- Impervious to damage by sunlight.

Lightweight, rigid, translucent "Acrylite" is ideal for space dividers, sliding doors, illuminated ceilings, shower enclosures and many exterior uses.

Catalog on request

Exclusive Arizona Suppliers —



PHIL STONE co. *Inc.*

PHIL STONE, PRESIDENT

MANUFACTURERS & DISTRIBUTORS OF BUILDING SPECIALTIES

2121 E. INDIAN SCHOOL RD. • PHOENIX ARIZONA • CR 7-4734



CORDEK
by Superlite

NEW

structural
concrete
unit
for
roofs
and
floors



SUPERLITE
BUILDERS SUPPLY Co.
 4012 N. Central Ave., Phoenix, Arizona
 AM 5-4755

What A Convention Means

**For the architect it means
Professional improvement
— A continuing necessity.**

At New Orleans, architects were able to hear the ideas and catch the spirit and inspiration of noted architects, many of whom have contributed greatly to the architectural art by which our civilization will best be remembered in centuries to come. Here named are but a few of the prominent professionals who participated in the program.

EDWARD D. STONE

FAIA, and famed for his award-winning and internationally acclaimed architectural designs. He delivered the keynote address of the convention, the theme of which was "Design."

He said that "it is a tragic paradox that designing and planning are the most important and still the least expensive part of any project, and yet are not considered indispensable. . . . Of the approximately \$60 billion that are spent each year on construction in this country, less than one-third of it is designed by architects."

He said that "standardization in creative work spells stagnation and mediocrity," but warned that no one should pronounce the benediction on modern architecture yet.

He urged the great oil and automotive industries to try to resolve some of the problems they have created, to finance planning studies of our countryside, our villages, our towns, and cities.



WALTER GROPIUS

Founder of the Bauhaus in Germany, recipient of the Gold Medal of the AIA this year in New Orleans.

He told the architects that tradition, from the architectural standpoint, means the capturing of the real spirit of a certain region as it evolves through long interaction between the natural setting, the type of people living there, and the spiritual and practical factors which determine their way of life.

He said that "any major shift in the production, techniques and social order of such a region should find expression in its architecture so that the living issues can be read from its lines as well as those of the past."

PHILIP C. JOHNSON

Associate architect and designer with Mies van der Rohe, and chairman of a convention panel on individual theories of design.

He ventured no guess on future trends in the profession of architecture, but did feel that it was in a chaotic state and that modern architecture as we have known it, is about over.

MINOURI YAMASAKI

Internationally known architect from Birmingham, Michigan, and a recipient of a First Honor award at the convention.

He said that his deep interest in precast resulted from his conviction that it enabled him to place his artistic ability into a building and offset the dominant effect that technology has inflicted upon architecture.

There is a great danger, he said, that the machine might "be the boss in architecture," that we might have to put buildings together from stock pieces. He observed that "often our cities do look like that."

C. E. PRATT

A Fellow of the Royal Architectural Institute of Canada, of Vancouver, British Columbia.

He urged architects to put the "humanistic element" into their building design by giving strong consideration to immediate environment. He stressed a need for greater pride in American cities similar to that shown by Europeans for their cities.

WILLIAM L. PEREIRA

FAIA from Los Angeles, and convention panelist on "Design."

He suggested that there is a tendency for architects to become problem-solvers rather than accept the greater and infinitely more difficult challenge of creating design in which these problems would be naturally resolved. He suggested that if architects aren't careful, "we'll soon be replaced by considerably more efficient devices ourselves."

"The day of automated architecture is not far off, especially if we continue to talk and act like articulate, well-tailored IBM machines rather than men," he said.

For The Ladies — Many Things



St. Louis Cathedral. 1794.
One of the most famous churches in North America. At Jackson Square, laid out 1720 by Bienville, city's founder.

POST CARD

*Dear Grace,
The nearly extinct
whooping cranes are
nesting. To encourage
them part of Audubon
Park is closed. One
irate mother protested to
the Times Picayune editor,
"The cranes are more important
than children."*

Kay

My Convention Album

By Lois Nelson

A national convention is new ideas, new faces, a new scene, new experiences, new fun. Above all, it is a time to remember.

I remember —

- Alert, dynamic Mayor Morrison making you feel that New Orleans is a new town as well as an old one.
- The thrill of meeting an old friend unexpectedly in the Roosevelt lobby.
- The worn, uneven paving stones in the French Quarter.
- The gracious life of the ante-bellum South reflected in the famed Oak Alley plantation.
- Modern, sophisticated echoes of old Basin Street jazz bringing cheers from the gay convention crowd as we drifted up and down the Mississippi in the evening coolness.
- The charm of the century-old homes in the Garden District, and the hospitable hostesses who showed them to us.
- President John Richards escorting Gold Medal winner Walter Gropius up the marble stairs at Delgado Art Museum.
- The dancing bus boy at the Court of the Two Sisters, his head gliding gracefully while his feet tapped and jiggled tirelessly to the beat of a piano, guitar and drums.
- Bored strippers routinely "taking it off."
- The earnest look of Ed Stone addressing his confreres.
- Trout amandine at Gallitoires.
- The rollicking songs at Pat O'Brien's.
- The urbane patter of Philip Johnson baiting his panel: Yamasaki, Pereira, & Pratt.
- The sparkling design of New Orleans' new library.
- The green boulevards, the high levee covered with tall grass, the jungle-like green at every turn of the "river road."
- And, oh — so many other pictures to store away in my National Convention album!

NEW DIMENSIONS IN TILE FROM

HERMOSA

new triangle tile

...a shape to give you a whole new scope of expression... *dura-glaze* finish to give longer wear to Hermosa's exciting designer colors.

So beautiful, it is recommended for kitchen drainboard decks, counter tops, baths, pullman lavatories, fireplaces, wainscoting and store fronts. Provides practical beauty for schools and commercial buildings.

You'll like working with Hermosa Triangles. Send today for new triangle tile cut-out planner book.

HERMOSA *glazed ceramic* TILE
a product of **GLADDING, McBEAN & CO.**

2901 LOS FELIZ BOULEVARD, LOS ANGELES, CALIFORNIA

SALES OFFICES IN SAN FRANCISCO, SEATTLE, PORTLAND, SPOKANE AND PHOENIX



Successful Conventions Don't 'Just Happen'

Planning for conventions starts years in advance. Availability and adequacy of facilities must be checked, dates set, publicity prepared. As the time nears, the Octagon staff and host chapter officials anticipate a thousand details — formal receptions and dinners, speakers, exhibits, hospitality, tours, badges, even rental of typewriters for visiting members of the press. Despite the unexpected, the affair generally seems effortless — proof of good planning.

Right, top: Octagon staff members, l. to r., Wolf von Eckardt, E. B. Morris, Jr., Polly Shackleton and (seated) Faye Nealis confer on a last minute problem.

Center: Kie Kiedaisch, student chapter delegate from Arizona State University hears G. R. Kiewitt, AIA, St. Louis, describe a church in Columbus, Indiana, designed by Eliel Saarinen, part of a prize-winning photography exhibit.

Bottom: Mrs. Earl L. Mathes and Mrs. James P. Oubre were among the many New Orleans Chapter hostesses who guided tours or served coffee in the hospitality center to Jimmie Nunn of Central Arizona Chapter and over 2,000 others.

Below: A reporter interviews Charles E. Jones, Jr. (left) University of Arizona student chapter delegate and national president-elect of the Association of Student Chapters, AIA, and Paul Ricciuti (right) Kent State University, immediate past president of the Association. In the background, other members of the press prepare copy for the wire services.

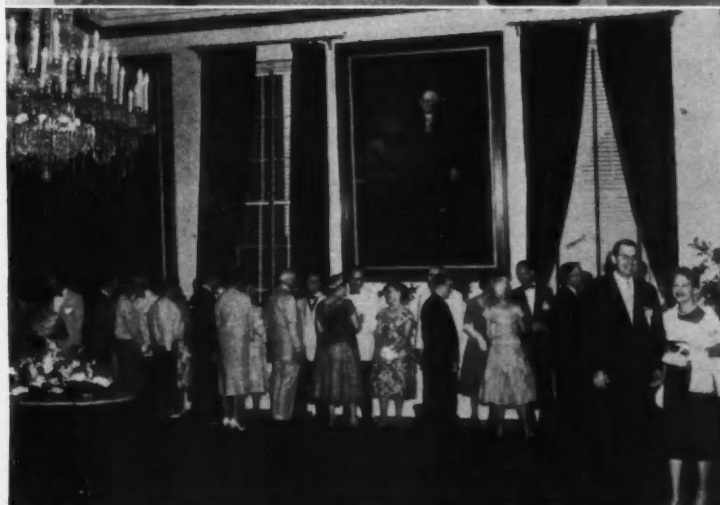
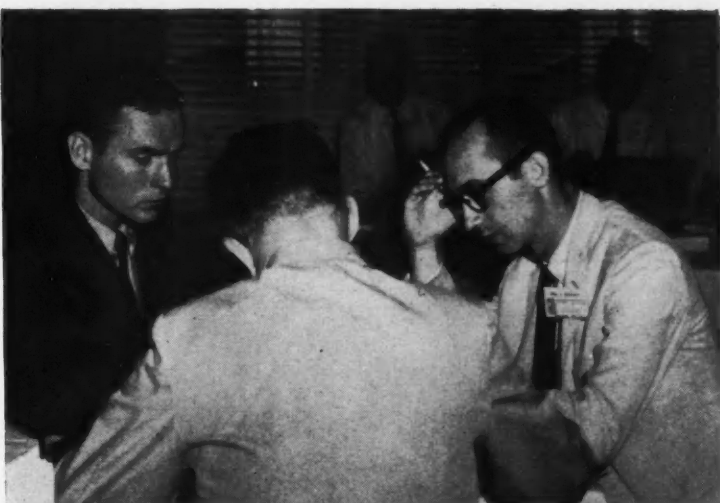
The splendor of Gallier Hall, a fine Greek Revival structure that served as city hall for a century, was the scene of the President's Reception, another convention "detail" that involved special air conditioning, mass transportation, exhibits and refreshments.



U. S. Customhouse.
Cornerstone laid by Henry Clay
in 1847. Marble staircase and
hall are among the most beau-
tiful in the world.

POST C

*Dear Gene,
This French and
Creole food is all
it's reputed to be.
Delicious. The French
loaves they serve give
real meaning to
"breaking bread to gether."
Ray*



A Convention Means

Much Business Accomplished...

Year-round work by AIA officers, board, staff and committees is taken for granted. A convention offers another opportunity for committees and associated organizations to meet.

Top: John Brenner, second from left, secretary of the Ariz. Bd. of Technical Registration and president, Central Ariz. Chapter, AIA, participates in an NCARB session.

Center, l. to r.: NCARB officers Ralph O. Mott, secretary; Walter F. Martens, president; and Brenner, treasurer.

Bottom: Mrs. Clemmie V. Wall, left, secretary of Missouri Bd. of Architects & Engineers, and Mrs. Rayma Neeb, exec. sec'y of Ariz. Bd. of Technical Registration.

Below, left: Martin Young, Jr., (standing), Central Ariz. Chapter, checks a point with Walter Damon, president, and Mrs. S. Sharigan, exec. sec'y of the Church Architectural Guild.

Right: Regional AIA Director Frederic Porter assembled area chapter officers. With Porter, l. to r., first row, James Elmore and Jmmie Nunn (Central Ariz.), Bradley P. Kidder (N. M., past regional director); center row, Brenner, Eliot Hitchcock (Wyo.) and John McHugh (N. M.); back row, Phil Register and Wm. Britelle (N. M.)



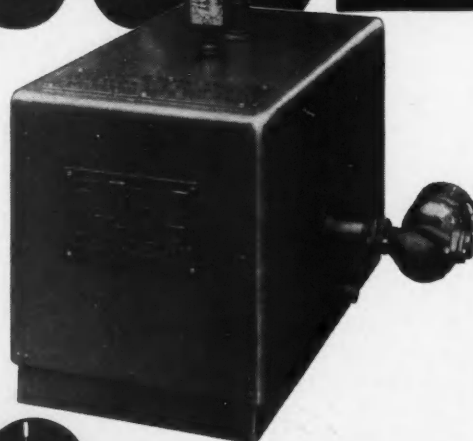
Electric HOT WATER HEAT TO 2,000,000 B.T.U.

PRECISION ELECTRIC HOT WATER HEATING BOILER

- ⚡ **COMPLETE UNIT READY FOR INSTALLATION** with circulating hot water system and water chiller for year-round air-conditioning
- ⚡ **CONVERSION EASILY ACCOMPLISHED** where other type fuels now used. Suited for homes, churches, apartments, hotels, motels, hospitals, commercial buildings, swimming pools, snow melting and domestic hot water. Temperature Range 60 to 200 degrees.
- ⚡ **Every unit tested and inspected.**

- 40,948 B.T.U. to 2,000,000 B.T.U. Output.
- All units meet the requirements of the ASME Boiler and Pressure Vessel Code.

• *Write* for color brochure and prices.



PRECISION parts corp.

400-AAR North 1st. Street
Nashville 7, Tennessee

No ducts! No noise! No chimney! No odors! No flame!

Knowledge Of New Products

Some 75 manufacturers, in a joint project of the Institute and The Producers' Council, provided convention-goers with an educational refresher and information on the newest building products. Top authorities on product specifications and usage were present to answer questions. Scores of tons of exhibit materials were trucked to the huge International Room (below) unpacked and readied for the informative displays.

Above, right: Ann Elmore receives a souvenir sketching pencil from C. I. Todd at the Pittsburgh Plate Glass display, while Jim Elmore and Mrs. Phil Stitt rest between exhibits.



"San Francisco" Plantation.
This house, with twin stairs,
steamboat transom lights and
other features has been called
"Steamboat Gothic."

POST C

*Dear Casey,
The stroke of
Frances Parkinson Keyes
came alive today as
we travelled the River
Road and visited the
old Plantations.
Loved it all.
Kay*

RAPIDEX

- LIGHT WEIGHT
- ACOUSTICAL
- INSULATING
- FIRE RATING
2 HOUR



CALL
TODAY

DEER WILLIAMS CONSTRUCTION INDUSTRIES, Inc.
4025 W. Whittier Ave. • BR 2-0491 • Phoenix, Ariz.



Announcing — the recent purchase of equipment enabling ATL to perform all mortar tests and almost all cement tests. In this regard we call your attention to paragraphs 6, 7, 9, 10 of ASTM C270-57T, latest (1957) revision of ASTM C270.

This new equipment is only part of that to be acquired as necessary so we may do your work more efficiently and implement our policy of better service at no increase in cost. Previously, mortar and cement tests have been sent to the coast, with resultant delays.

Laboratories must always be up-to-date on all testing procedures and equipment. ATL is now ready to help in the testing and specifying of mortar and cement. Call us for assistance.

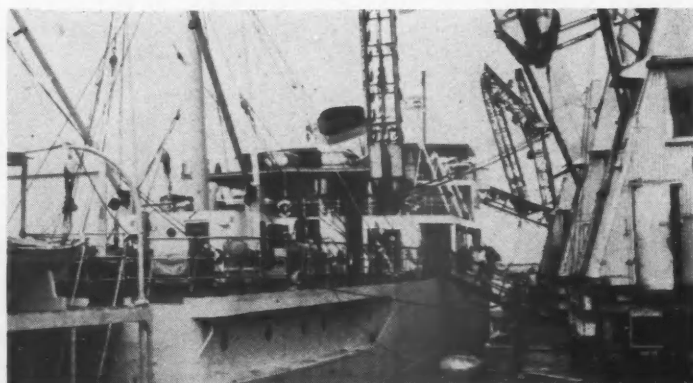
Next month: An Announcement

ARIZONA TESTING LABORATORIES

Member, American Council of Independent Laboratories
PHOENIX • TUCSON • FLAGSTAFF

Each Convention Means

A Chance To Know A Great City...



Left: Unloading bananas on the busy Mississippi.

Below: One side of New Orleans' broad Canal Street.

Across page: New city hall, a unit of one of the most beautiful civic centers in the U. S.

Right, Pirates' Alley, also known as Orleans Alley, in the heart of New Orleans' Vieux Carre.

Top, a life-size "Mammy doll" advertises pralines, famous southern confection.




MAY I HELP ?

When you plan a home for Arizona living, make sure the plans include plenty of gas and electric servants — from heating and cooling systems down to the smallest nightlight.

No other home features do so much to make Arizona living the pleasure that it is!

Arizona Living Exposition
Phoenix
Sept. 14-19

ARIZONA Public Service
YOUR LOCALLY MANAGED TAXPAYING UTILITY



HARDWARE TIPS

By Veron Junger

HAND-RUBBED FINISHES

Where there's heavy traffic in office buildings, factories and homes, door knobs and pull and push plates often wear or tarnish from constant contact with hands. Finishes such as Chrome, which are plated on, get scratched or wear away to expose the base metal underneath, while items of solid brass and bronze become tarnished and must be polished and relacquered frequently. Replating finish hardware is expensive. Polishing and relacquering also cost money because they consume time. Obviously, then, hardware finishes deserve architects' consideration.

Where maintenance-free service is desired, finish hardware of anodized aluminum in a dull finish is the best bet. There's no plating to wear or scratch off; it won't tarnish and it stays new-looking with just an occasional washing. Aluminum locksets cost the same as brass and bronze, while push and pull plates and door pulls cost less. Artistically the color and finish fit well in all buildings where period decor is not a consideration.

YALE

The Safest Name in Locks

CALL

CR 9-2341

909 E. Camelback Rd.



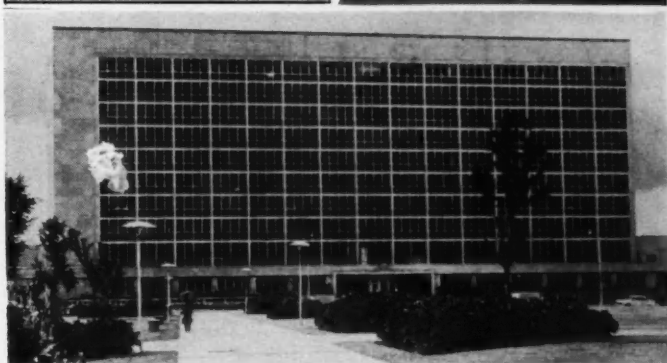
Phoenix, Arizona

To Savor Its History, Color and Culture ...

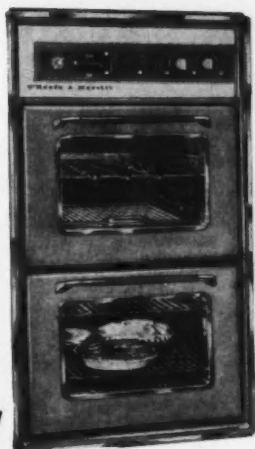
Old French Quarter.
Balconied mansions were built
flush with sidewalks, with patios
in rear, for natural air condi-
tioning.

POST CARD

*Dear Mildred,
This is a sketcher's
paradise! The patios,
iron-lad work and
street scenes would
captivate any artist
or photographer.
Wish you and
Larry were here!
Ray*



O'KEEFE & MERRITT
BUILT-IN RANGES



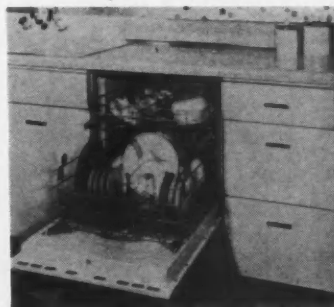
NOW
IN
GAS OR ELECTRIC

MOST RESPECTED NAME IN
Vent-A-Hood
HOME COOKING VENTILATION



Waste King

Garbage Disposers, Dishwashers,
Dryers & Incinerators



Blend your dishwasher with any kitchen
style — there's a WASTE KING front to
match any color you want.

Names of
distinction...

EMIL A. SALMI
Distributor
Vent-A-Hood of Arizona

6415 E. THOMAS RD. - SCOTTSDALE, ARIZONA - WM 8-9508

● VENT-A-HOOD

...for homes
of quality



War Babies and the Pipe Trades

Well, it won't be long now 'til the crop of babies born during National Defense and World War II days come of a home-buying age. Matter of fact, all economists are predicting a sparkling new boom in the home building business during the early 1960's.

In Arizona, this will mean increased responsibilities for the contractor and subcontractor. Not only will our own youngsters be in the market, we'll be getting even more newcomers as the younger generation, in its turn, seeks better living conditions.

As always, the licensed plumbing, heating and air conditioning contractors, affiliated with the Pipe Trades Industry Program, will be standing ready to provide skilled workmanship and integrity of performance.

Pipe Trades Industry Program of Arizona

1616 East Maryland

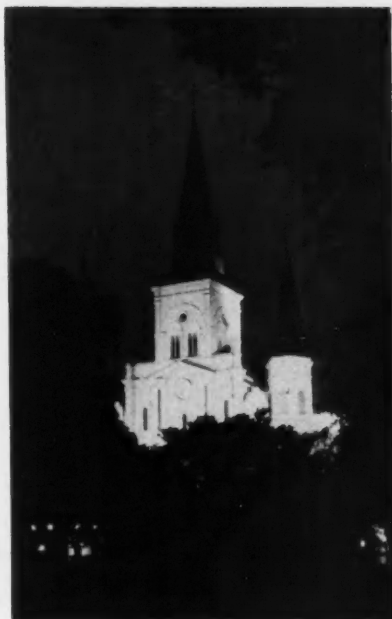
Phoenix

CR 7-2634

Across page, left: A quiet courtyard and carriage entrance in the Vieux Carre.

Top: Jules Yokum, left, shows Hari Van Hoefen, AIA, of St. Louis, Mo., the view from his apartment over the Hove Perfume Shop in the Vieux Carre.

Below: A home in the Garden District.



Above: The St. Louis Cathedral as seen at night from Jackson Square.



Right: The old and the new are but a step apart in New Orleans. The Vieux Carre Commission is established to preserve the appearance of the Old French-Spanish quarter.

Mississippi River.
Over 2200 ft. wide at Canal St.,
river could more than supply
daily water needs of U. S. for
all purposes.

POST C

Dear Mr. F.
Had a delightful relaxing
evening on a River Boat,
hearing great New Orleans
Jazz, and seeing great
industries and ships
from faraway places
along 20 miles of Old
Man River.
Ray

"I said UNION GYPSUM is the only wallboard you can carry that way!"



UNION
MEANS
STRENGTH
AND
QUALITY



Mined and manufactured in Arizona

PHOENIX • ALPine 8-6106

LOS ANGELES • HUNtley 2-4844

SAN JOSE • CYpress 5-3310



Left: The Martin Young family enjoy authentic New Orleans jazz at San Francisco plantation. They are, from left, Lurlyne, Deann, Ronald, Mrs. Young and Jeanette.

Above: Mrs. Clark Thompson, owner of the plantation, tells some of its history to Mrs. David Dickover (back to camera) and Lois and Edward Nelson (Southern Ariz. Chapter).

Across page: John Brenner, Hari Van Hoefen, and Sidney Little (Southern Ariz. Chapter) get together for a friendly chat.

Top, right: Jazz on the Mississippi night cruise.

Bottom: Jimmie Nunn (Central Ariz.) enjoyed the friendship of Mrs. Morris and Edwin Bateman Morris, Sr., FAIA. Mr. Morris did the pen and ink sketches for the convention program.

**ARIZONA'S ONLY BUILDER
HARDWARE CO.**

NELSON - HOLLAND BUILDERS HARDWARE

We specialize in hardware for any design of commercial and custom residential building and represent these specialists in custom hardware lines:

**AUTHORIZED DEALERS
for
SCHLAGE LOCKS**

... America's Most Distinguished Lock Brand

For catalogues and service call on

**Vic Nelson, AHC — Cliff Holland, AHC
Joe Woolford, AHC**



Members of the American Society of Architectural Hardware Consultants

**Phone AM 6-8411 • 1205-1207 E. Camelback
Phoenix, Arizona**

STRONG!

Superior

PRESTRESSED CONCRETE



Long spans with high load capacity are possible. Fire, blast and storm resistant.



Superior Sand & Gravel

3640 S. 19th Ave. — AL 8-7741

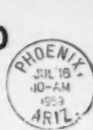
A Convention Means

Above All, Old And New Friends...



Arizona — Grand Canyon State.
Year-round resort area, famed
for its scenic, historical and
man-made attractions.

POST CARD



Dear Mr. Wolf,
all the Arizona
delegation congratulates
the M. P. Chapter and its
ladies on a wonderful
convention. Thanks so
much for the warmth
of your hospitality. Hope
someday you'll come
visit us. Sincerely,
Haystack

Mr. Albert J. Wolf, Jr.
A.I.A. Convention Chairman
New Orleans,
Louisiana



... from whom the hopeful farewell was ...

Give your design added beauty and lasting protection
with **Pioneer**
paints and varnishes

specify the quality paints that reflect to your credit!

PIONEER PAINTS ARE SPECIALIZED PRODUCTS

We are not only a "paint factory" ... but a
highly skilled paint formulating group — consistently
maintaining top quality and highest
standards in our paint and varnish products. Our
proven reputation is your assurance that
you are specifying the best. Paint catalog and color
chip display gladly furnished upon request.

Pioneer offers
a complete line of:
• residential
• architectural
• industrial
• government
specification
paints and varnishes



Pioneer
PAINT AND VARNISH CO.

P. O. Box 5098 • Tucson, Arizona

MADE FOR THE SOUTHWEST

Scientifically formulated and manufactured in Tucson for over 25 years ...

...“See You Next Year In San Francisco”

AIA Convention
April 18-22, 1960



**For The Best In
BUILDERS HARDWARE
See O'MALLEY'S**

And for the Best in

**CUSTOMER
SATISFACTION**
Specify
SARGENT



Standard Exit Device



**WILLIAM E. WELLING, AHC
GEORGE S. MARKHAM, AHC**

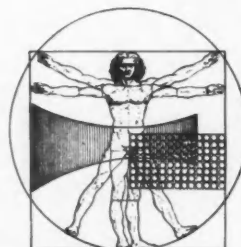


O'MALLEY'S
Building Materials

**PHOENIX
4TH AVE. AND MADISON
TUCSON
247 NORTH 4TH AVE.**

Complete Architectural Service

**Meanwhile
Plan To Attend —**



**EIGHTH REGIONAL CONFERENCE
WESTERN MOUNTAIN DISTRICT
AMERICAN INSTITUTE OF ARCHITECTS**

**OCTOBER
8-9-10**

ALBUQUERQUE, NEW MEXICO

Outstanding national scientists will be among the major speakers for the eighth regional conference for the western mountain district, AIA, to be held in Albuquerque, N.M. this fall.

Registration for the conference, theme of which is "Science in Architecture," will open at noon Wednesday, October 7 at the beautiful Western Skies Hotel, and the three-day sessions will open Thursday, Oct. 8.

In addition to the speakers and guests, the conference will feature the regional awards competition, special ladies' events and guided tours. Participants and their families will have a wide choice of recreational facilities, including swimming, sightseeing, shopping, sports, banquets, parties, dancing, floor shows and Indian dances.

CENTRAL ARIZONA CHAPTER NEWS

- Members are reminded that there will be no meetings held during the months of July and August. The date of the September meeting has been changed from September 3rd to the 10th.
- Bill Knight, practicing at 444 W. Camelback, has received notice of his transfer to the Chapter. Bill hails from New Mexico, and we're glad to welcome him here.

MASONRY GUILD APPOINTS

The Arizona Masonry Guild, Inc. held a general meeting June 29th at the Registrar of Contractors Building, Phoenix. The Guild, organized more than a year ago as a non-profit organization to promote and improve masonry construction in all phases, has recently appointed Ralph Yoder as Executive Director. President Lee Churchill stated that Yoder comes to the area from the Pacific Northwest, where he was regional director of the Structural Clay Products Institute, Pacific Northwest Brick and Tile Association. Included in more than 20 years experience in the construction industry, is membership in the CSI, the American Society of Association Executives, and other organizations.

During the meeting, progress, organization, research and membership studies were reported, and new plans were outlined.

Kemper Goodwin represented the AIA at the meeting, and stated that he anticipates that the Guild's activities will benefit the architects, building trades and general public.

CRITIQUE

EDITOR, ARIZONA ARCHITECT:

A word of commendation and appreciation for the very fine article in your February issue entitled "Arizona's Institutional Building Needs — A Problem Of Financing." The article was well written and I think Senator Wine is to be commended for recognizing the real need of expanding institutions in Arizona and the real job of financing.

Although Arizona Boys Ranch is a private institution not supported by state funds, it is imperative that we waken the people of Arizona to the need for state institutions to serve our socially maladjusted people.

I would like to join with the staff and Board of Directors of Boys Ranch in expressing our appreciation for this very fine article. I used it just the other day in a panel discussion group and it prompted me to express my thanks to you for this service to the community.

WENDELL R. NEWELL
Superintendent, Ariz. Boys Ranch

LANGHORST JOINS ASU FACULTY

Frederick L. Langhorst, AIA, San Francisco architect and nationally known lecturer in architecture, will join the staff of the School of Architecture at Arizona State University as visiting professor this fall.



A 1949 winner of the First National Honor Award of the AIA for distinguished residential design, Langhorst has conducted private practice in San Francisco and Sheridan, Wyoming. He was a consultant architect for the U.S. Army

Corps of Engineers at Livorno, Italy, and chief architect for buildings at five Spanish air bases.

His work has been widely published in such magazines as Architectural Forum, Time, Architectural Record, Better Homes and Gardens, Progressive Architecture, Sunset, McCall's, Horizons and Architectural Review, London.

Langhorst, who was visiting professor of architecture this past spring at Notre Dame University, has lectured at universities across the country and in other nations, including Italy, England, Spain and France. He makes wide use of his collection of color slides on U.S. and European architecture, a catalogued source of about 5,000 slides now being used, in reprint, by over 100 architecture schools.

Langhorst will join the ASU faculty in September.

**HEATING
AND
AIR CONDITIONING
EQUIPMENT**

**PLUMBING
AND
HEATING
SPECIALITIES**

BLACKMORE

SALES COMPANY, INC.

MANUFACTURERS' REPRESENTATIVES

2020 EAST 13th ST.

TUCSON

MAin 4-2475

Climate Built

FOR
THE
ARID
SOUTH-
WEST

No shrinkage,
no moisture to
lose before
stabilizing.
Every Glen-Mar door
is built with the
natural moisture
content of this
area (6%).

Glen-Mar
DOORS OF QUALITY

THE LOCATION of the Glen-Mar plant in dry Phoenix, achieves "Balanced Moisture Control" through maintenance of low moisture levels in all component parts, from raw material to finished door. For convincing proof of its superiority, just open and close a Glen-Mar door. Your questions on problems in design, planning or installation are invited. Just phone AL 4-7203.

Compare these advantages

- Quality-Built
- Balanced Moisture Control
- Beautiful wood finishes
- Complete stocks for quick delivery

Glen-Mar Door Manufacturing Co.
1310 North 21st Ave., Phoenix, Ariz.

LOOKING AT THE SPECS



(Ideas suggested by members of Central Arizona Chapter, Construction Specifications Institute.) This month's column —

By LOUIS P. SCHMIT

Occasionally manufacturers do not give enough consideration to local architectural and climatic conditions in manufacturing their product or in writing their specifications. If the specification writer has the slightest doubt as to either of these, he should contact either a local factory representative or a reliable roofing contractor for added advice and information.

Faulty roof application has been a great source of trouble in the past and can be eliminated to a great extent by requiring a manufacturer's bond or at least appointing an approved bonded applicator who is properly trained, has proven his ability and integrity, and is required by the manufacturer to adhere strictly to the specifications. Specifying factory inspection and manufacturer's certificate of same will also be of great help here.

Many premature roof failures are blamed on the manufacturer or the applicator when deck is at fault. To eliminate this, the specification writer should check both the insulation manufacturer's recommendations, where used, and the roofing manufacturer's specifications to make sure the deck corresponds to their requirements.

On steel decks this concerns gauge of metal, depth of rib and rib opening.

On all types of concrete decks and all other poured type decks, especially those having pitch of 1/2-inch per ft. or less, rigid inspection of grading to slope should be specified in order to prevent low spots or "water pockets" which will ultimately result in roof failure. Also special attention should be given to sizing and location of drains. Many leaks are blamed on the flashing where the drains are at fault. Maximum rainfall statistics for given localities and corresponding drain and leader sizing charts are available from most roofing manufacturers, and should be carefully followed. Also to prevent flashing failures it should be specified that all masonry and metal surfaces to receive roofing must be first primed with an asphalt primer in order to effect better adhesion.

Over wood sheathing there are two items which cannot be stressed enough, by either the specification writer or the job inspector. This holds true on both shingle jobs and built-up roofs.

First, avoiding contraction of the sheathing which causes buckles in composition shingles and cracks in

rigid shingles and built-up roofs. This can be accomplished by using thoroughly dry lumber and by the use of narrow width sheathing, thereby dividing what shrinkage does take place into as many locations as possible. Six inch, and not over eight inch (preferably T & G) sheathing should be used. A six inch dry board will normally shrink from 1/8" to 3/16" and roofing has the flexibility to withstand this with no damage, whereas a 12" board will shrink from 5/16" to 7/16" with a resultant crack in built-up or rigid shingle roofs or a buckle in composition roofs.

Second, the rigidity of the roof has a tremendous bearing on its life and the relation of the roof structure to the thickness of the sheathing should be considered very carefully, especially on large open buildings, such as warehouses, etc., where there is likely to be wind pressure from inside at times and on all roofs where there is considerable traffic. All types of roofing tend to crack under continuous flexing much the same as steel crystallizes and breaks under continuous vibration.

Items installed by others which are an integral part of the roof such as metal edgings, frames, guy rods, etc., should be controlled in the specifications to insure installation in strict accordance with roofing manufacturers' recommendations.

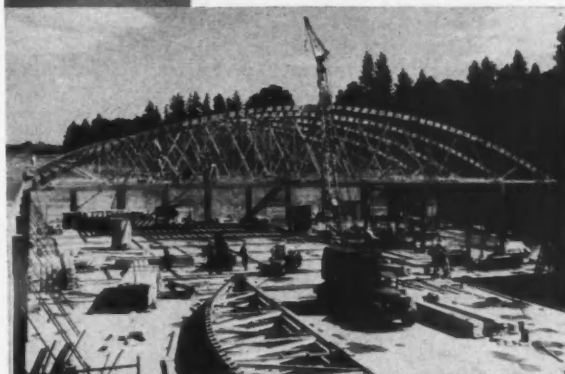
Another frequent source of argument and confusion involving the architect, general contractor and sub-contractor is damage to the finished roof by other trades and/or crafts. It would help if it were definitely established that no equipment or appurtenances be placed on, or attached to finished roof without first contacting the roofing contractor on the job and proceeding in strict accordance with his recommendations. Also that all damage to said roof by workmen of other crafts would become the express responsibility of the sub-contractor of the craft involved.

Close attention to these items should effect a four-fold benefit for all concerned:

1. It would greatly reduce the percentage of premature roof failures.
2. It would help to eliminate the need for writing addendums after the plans are released.
3. It would help to eliminate the difference in interpretation of specifications, which is so often the answer to the great variation in bids with its resultant confusion afterwards.
4. It would minimize the arguments and confusion in the event of a premature roof failure by definitely establishing where the fault exists beforehand.

Correction: A typographical error last month caused the "a" to be dropped from the first name of Roberta Drover in our "Other Arts" feature. Sorry, Bobbie!

Engineered Timber Fabrication and Construction



Truss Fab, Inc. has a long line of experience in engineering, assembly, erection and field service. Our field engineers are available for consultation to assist you in obtaining the most economical roof structure to fit your building requirements. Our erection crews have had many years of experience in the highly specialized field of structural framing. Our service includes engineered shop drawings, complete prefabricated materials for any type structural timber framing or roof structures, KD or assembled and erected.

TRUSS FAB, INC.

Headquarters—Portland, Oregon

RED TOP ENGINEERING CO., INC.

Sales Representatives

702 Arizona Land Title Bldg. Tucson, Ariz.
Phone MAin 2-7418

Ed Hollman, structural engineer, is in charge of all erection and field work.

- ☐ Please have your representative call.
☐ Send free folder on timber fabrication.

Name _____

Address _____

City _____ Zone _____ State _____

AA



What Architects want in Chalkboard

1. **COLOR AND PIGMENTATION.** The kind that won't fade, leach or rub off, with excellent light reflection and absorption qualities.
2. **DURABILITY.** A solid hardboard backing and a tough abrasion resistant surface.
3. **EASY MAINTENANCE.** Clean erasing; no ghosting; washable.

GENUINE
Scribo
fills the bill perfectly

DISTRIBUTED & INSTALLED

by

Phoenix Roofing & Supply Co.

1655 W. Jackson

AL 3-2161

Now... Explore the Uses of PRESTRESSED CONCRETE

Architects and engineers are discovering unusual construction speed and economy in precast, prestressed concrete structural members. The remarkable strength developed in concrete by prestressing permits using long unsupported spans and lighter, thinner units.

Plan now to use prestressed concrete on your next job. Be sure it's made of "Arizona Portland" cement — dependable, plentiful and always conveniently near at hand.



The Arizona Landscape -- A Critique

By DESMOND MUIRHEAD,
Landscape Architect

III.

PARKS, GOLF COURSES PUBLIC BUILDINGS, CAR PARKS



Phoenix is very poorly supplied with parks. We have already mentioned this in connection with subdivisions. And there is no, not any, contemporary design of recreational facilities. Rather than going into criticism of the layout and detailing of such parks which do exist (which would not be difficult, let's face it) I would like to point out the necessity of acquiring park space.

Phoenix and Maricopa County must exert a "boarding house reach" to buy up park space in thousands of acres to serve the future inhabitants of this area. It should be acquired as cheaply as possible. Free-ways, and new roads will ensure eventual access and the development can come later when the money is available as it always seems to be in the end.

GOLF COURSES

Although we have designed a lot of golf courses I am not really familiar with the playing characteristics of many courses in Arizona. However I am suspicious of any courses where par is so consistently bettered by the leading professionals. Occasional scores of 62 and common scores of 65-67 do not indicate courses which are a real test of golf.

Scenery is no substitute for golf, but if you're there the course might as well give you an uplift at the same time. In practically every course in our area there is a complete absence of good grouping from the trees. On the more crowded courses, fairways have little more than a few weary palms to separate them. On even the biggest and best courses trees are spotted and dotted instead of grouped. Even supposing the same number of trees is kept they can be effectively massed to make each hole an inspiring event.

Where water is a great problem it can be carefully preserved by using trees which can get by on comparatively little and by heightening the effects of the existing desert. And big trees grow quickly from small ones in Arizona. As in subdivisions, nothing on a golf course gives you so much effect for so little cost as a tree.

PUBLIC BUILDINGS

In a previous article it was pointed out that landscaping around public buildings was at best dull and at worst absent. Mayor Peterson of Casa Grande felt this should have read at worst dull, at best absent. This whole field needs careful analysis at a later date, but nothing shows up the provincialism of a community more than scruffy or inadequate public landscaping — confused planting at the Capitol — lack of organization and therefore lack of atmosphere at Tempe (vide the Mexican universities) — poor surface treatment and unimaginative planting around schools and hospitals, etc.

CAR PARKS

Required for restaurants, banks, offices and shopping centers. Consider:

(A) Few of us really like looking at cars and blacktop.

(B) Please, please, give us some shade.

How does your hot car feel to you after you unlock it at 110 degrees, get into the snug seat quietly stifling after shopping in 72 degrees at the Super Market? If big trees are expensive, even the thought of shade in three or four years would hearten the weary shopper.

These notes have expanded themselves somewhat and I haven't even touched on hotels, resorts, industrial buildings, commercial buildings, or private gardens. These are important too but there is a crying need for the control of the larger elements of the landscape and their relationships to the detail.

The desert needs the kind of housekeeping which is automatic in Sweden, Holland and Denmark, where all buildings, towns, roads and signs form part of a natural whole and where a wrong step is hardly ever taken. Where all man-made objects fit naturally into background which has not been brutalized by engineers and contractors but which is part of a unified, sculptured greater landscape. *Controls may be one parent of such a landscape but education at all levels is the other.*

And at the end you must ask yourself what is Arizona to you. Is it the marvelous towering scale of the cottonwoods by a creek at White River or along a country road at Mesa? The perfectly sculptured rock structures of Camelback Mountain, the inspiring drive on McDowell through Papago Park, the luxury of the desert near Pinnacle Peak, the gleaming new growth on the far-flung citrus orchards? Or is it the roadside drive-ins with their aluminum roofs, the telegraph poles, the filling stations, the bill boards, the trailer camps? Of course it's a stupid question. Perhaps we have to have both these elements but surely there is a better way of combining them without allowing the ugly to destroy the beautiful forever. ●

**A new
single-chamber incinerator
for
Phoenix Elementary
School District
125 East Lincoln St.**



This single-chamber unit, with burner assembly and built-in spark arrester serves as a heat scrubber or catalyst. It is much more effective against conventional nuisances — smoke, fly ash, sparks and stench—than most conventional multiple-chamber incinerators.

You are invited to call on us for assistance in writing incinerator specifications for all types of buildings and for burning all types and quantities of combustibles.



INCINERATORS

SA-DEL company

B Roadway 6-3393
4851 S. Central, Phoenix

IN THE BOOK WORLD

A GUIDE TO THE ARCHITECTURE OF NEW ORLEANS - 1699-1959, by Samuel Wilson, Jr., F.A.I.A. Reinhold, \$1.50.

A complete panorama of New Orleans architecture from the first French designs to present-day modernism. Published by Progressive Architecture and the book division of Reinhold Publishing Corporation, the paper-bound illustrated book is the eighth prepared for a national AIA convention. From its first permanent structure at the turn of the 18th century, New Orleans has always had architects of skill and training and its architectural heritage and achievement is well reflected in this 80-page booklet, a must for professionals visiting the Louisiana city. P.S.

JAPANESE GARDENS FOR TODAY by David H. Engel. (Charles E. Tuttle Co., \$15.00)

This book is, first and foremost, a practical, down-to-earth explanation of how the basic rules of Japanese garden design and care may be applied in other countries to achieve the same miracle-like effects that have made Japanese gardens preeminent in the field of landscape art. It is sure to prove of great value both to the professional landscape architect and to the green-thumbed home-owner, whether he is designing an entirely new garden or only seeking an illusion of spaciousness and rightness in a tiny courtyard or corner.

Here the famed gardens of the past are pictured side by side with the seldom-seen private gardens of modern Japanese homes, always with emphasis upon today's needs rather than upon abstract appreciation of ancient creations. Here too are set forth both the rule-of-thumb practices of the actual garden-makers and, for their historic interest, the esoteric principles elaborated by scholars and critics. And the book's wealth of carefully chosen photographs and drawings are fully integrated with a clear, succinct text to present the first full and practical treatment of the subject ever published in English.

In the words of Richard Neutra, leading architect and exponent of the integration of house and garden, who provides a significant foreword: "The author of this valuable book rightly warns against its being used superficially for the shallow imitation of fragments. The book's greatest benefit will be to stir an awakening to the unified appeal that results from such a profoundly integrated composition as a Japanese garden..."

CONCRETE by Peter Collins. A discussion of concrete as a new building material and the efforts of many architects to discover its advantages and limitations. The work of Auguste Perret, a leader in the development and use of concrete, is dealt with in detail. The author is an associate professor of architecture at McGill University in Montreal. 307 pages. Illus. Horizon. \$12.50.

PUBLIC LIBRARY BUILDING by Werner Mevissen. Considers interior and exterior construction and furnishing of libraries in Europe and North America. The text is in English and German. 256 pages. Illus. Heinman. \$12.50.

MIES VAN DER ROHE by L. Hilberseimer. Deals with some of the problems contemporary architecture has had to face, and with the particular solutions van der Rohe has found for these problems. He is the creator of steel architecture which he developed out of the nature of the material. 200 pp. Illus. Theobald. \$9.75.

WALTER GROPIUS: WORK & TEAMWORK by S. Giedion. The most important book yet published on one of the greatest living architects, written by one of the most widely-read writers on architects and architecture. From the Bauhaus to Harvard it presents a masterly analysis of Gropius and his influence on contemporary architecture. 253 pp. Illus. Reinhold. \$5.00.

AMERICAN ARCHITECTS DIRECTORY edited by George S. Koyle, FAIA. Published under the sponsorship of the AIA, this directory offers information on some 11,000 architects, members and prominent non-members. Wherever possible complete details on the architect's home and business address, his outstanding architectural achievements, positions he has held, education, states in which registered, etc., are given. Valuable appendix. Bowker, 700 pp. \$20.00.

PLANNING ELEMENTARY SCHOOL BUILDINGS by N. L. Engelhardt, N. L. Engelhardt, Jr., S. Leggett. Traces the pattern of daily teacher-pupil activity and relates it to architectural requirements and facilities. Follows elementary school planning from start to finish. Fortified with numerous checklists which show typical activities and the equipment each requires. 268 pages. Illus. Dodge. \$12.50.

ROOTS OF CONTEMPORARY AMERICAN ARCHITECTURE by Lewis Mumford. 47 essays written during the past one hundred years by 29 outstanding writers and critics. Selected by Lewis Mumford and linked together by his brilliant introductory essay, they contain the thoughts and ideas which led to the development of modern architecture in America. 418 pages. Reinhold. \$5.00.

THE AMERICAN HOUSE TODAY by Katherine M. Ford and Thomas H. Creighton. A round-up of 85 best U. S. houses for small, large or growing families. Each house is evaluated in terms of cost, site, space, appearance, etc. and are described in details through plans, photographs and drawings. 235 pages. Illus. Reinhold. \$8.95.

THE BOMB, SURVIVAL AND YOU by Fred N. Severud and Anthony F. Merrill. Shows in full details how to protect life and property in our perilous atomic age. Crammed full of how-to technical advice - from constructing shelter areas to strengthening present buildings. 256 pages. Illus. Reinhold. \$2.95.

RECORD HOUSES OF 1959. Brings to architects, engineers, house building and buying public the year's most notable achievements in house design. Over 200 photographs, plans, and drawings. Eight pages in full color. Presents the best 20 architect-designed houses and other valuable editorial features. Softbound, with clear plastic wrapper. 226 pages. Dodge. \$2.95.

Magazine Subscriptions

Central Arizona Chapter, A.I.A.

Books

ARCHITECTS BOOK & MAGAZINE SERVICE • P. O. Box 904, Phoenix • AL 2-4318

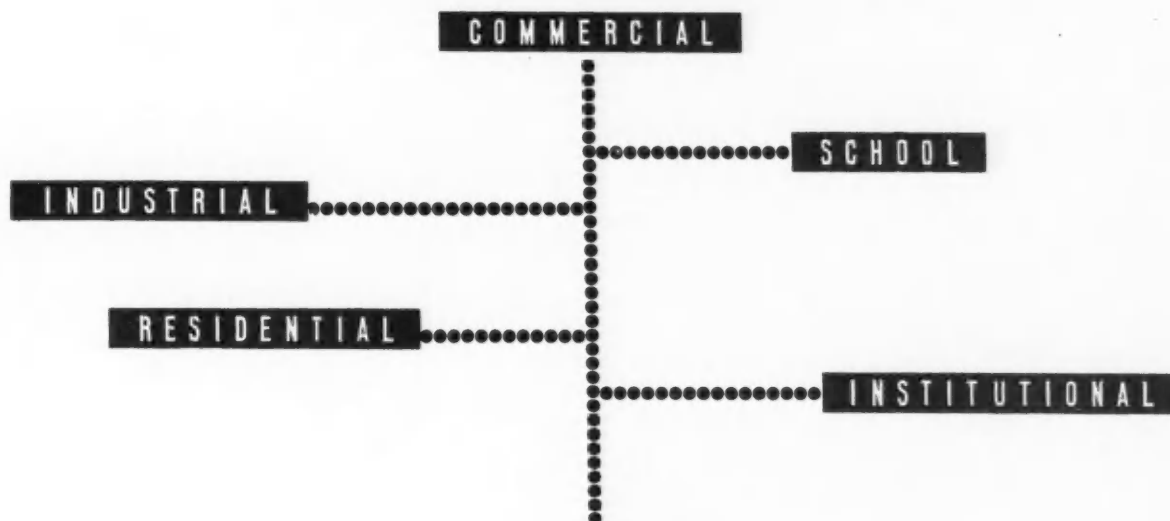
On all book orders please add 2½% sales tax.



SUN LOUVERS

(Formerly SHADELITE)

designed to meet your needs



FEATURES

VENTILATION	louvers provide air circulation
LIGHT REFLECTION	brightens store fronts
LOWER COST	less structural steel required
PROTECTION	from rain or snow
ECONOMY	shaded glass areas reduce air conditioning costs
REDUCED MAINTENANCE	anodized aluminum requires little care
COOLER	summer heat reflected
COLOR AVAILABLE	baked enamel to match or harmonize
TIME SAVING	fast installation

h HASKELL-THOMAS, INC.

Distributors of quality lines

3740 E. Grant Rd.

TUCSON

EA 7-4690

3808 N. Central

PHOENIX

CR 7-5488

FOR **Low-cost cooling**

SPECIFY

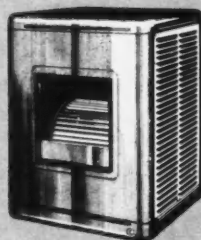
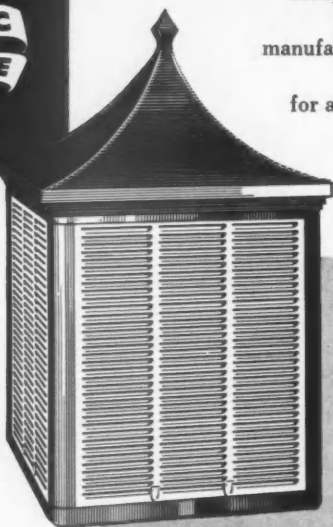
ARCTIC CIRCLE air coolers



Many advanced features — *the result of 20 years of specialized experience* in evaporative air cooler manufacture — have made Arctic Circle Air Coolers first choice of Arizona's leading architects for all types of buildings where efficient and dependable cooling at low-cost is required. Catalog with specifications supplied on request.

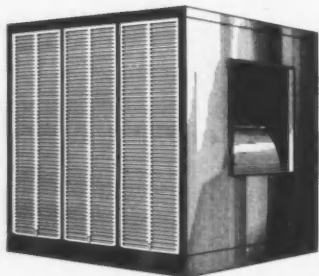
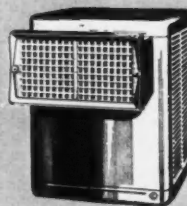
ADVANCED FEATURES INCLUDE:

Duro-coated steel cabinets
Flow equalizers†
Self-adjusting water dispersion
Aquatrol® attachment for pump
Improved Microglas† filter
2-speed
Controlled Cooling

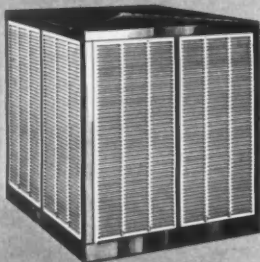


RESIDENTIAL roof, wall or window-installed models

Horizontal discharge and down discharge models — with all-welded cabinets — available in capacities from 1800 to 6500 CFM inclusive. Window coolers available in capacities from 2000 to 5000 CFM.



Arctic Circle Coolers are made by the world's largest exclusive manufacturer of evaporative air cooling equipment.



COMMERCIAL-INDUSTRIAL models for large-area cooling

Horizontal and down-discharge types. Heavy-duty construction. Can be installed singly or in combination. Available in capacities from 7500 to 15,000 CFM inclusive.

INTERNATIONAL METAL PRODUCTS COMPANY

P. O. Box 1712 • 500 South Fifteenth Street • Phoenix, Arizona

†Patented *Patent Pending

