new mexico architecture

May-June 1974

\$1.00

AMERICAN INSTITUTE

LIBRARY



in this issue:

Doctors offices in Albuquerque

and

a former Fred Harvey Hotel in Las Vegas

crego's slumpblock in beauty and harmony with the environment



medical offices for doctors Corcoran, Barkoff and Stagnone, P.A.

Joe Boehning AIA—archt.
John R. Lavis—contr.
Johanson—masonry contr.

crego block co., inc.

6026 second st. n.w. 344-3475 albuquerque, new mexico 87107



vol. 16 nos. 5 & 6

IN THIS ISSUE:

Louise Harris Ivers gives us another of her articles on the historic architecture of Las Vegas, New Mexico; the Castañeda Hotel, a former Fred Harvey Hotel, now an apartment building, is one of the two such hotel structures remaining in New Mexico. The other is in Clovis and is still owned by the Santa Fe Railroad. The hotel is closed, but some spaces are being used by the railroad for offices.

Mrs. Ivers' earlier article detailed the history of the Charles Ilfeld Company building, on Old Town Plaza; see the March-April, 1970 issue of New Mexico Architecture.

It is with great surprise that we learned of the death of one of our New Mexico architects, and a personal friend.

James M. Murray, III of Hobbs died on June 10, 1974, after a brief illness.

Jim was a most concerned citizen. He was actively involved in many civic and professional organizations, as well as being a dedicated architect and devoted family man.

The March-April issue of this magazine carried an article prepared by Jim.

Our deepest and sincerest sympathy goes to his wife, "Pepper," and their children.

John P. Conron

nma

may-june 1974 • new mexico architecture

NMA News
International Space Hall of Fame
To Be Built in Alamogordo;
Congressional Report
from Headquarters, AIA;
GSA Energy Conservation Guidelines;
Strengthen Highway Beautification Act

Offices for Drs. Corcoran, Barkoff & Stahnone

Joe Boehning, AIA, Architect

The Hotel Castañeda, Las Vegas, New Mexico

By Louise Harris Ivers

Index to Advertisers 30

(Cover-Doctors Offices in Albuquerque-Photography by Jerry Goffe)

-Official Publication of the New Mexico Society of Architects, A. I. A .-

Society Officers

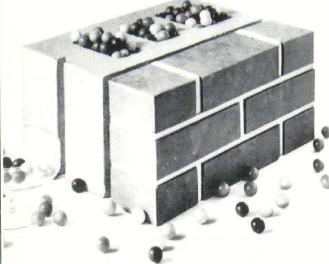
President—John P. Conron, FAIA
Vice President—Richard Waggoner
Secretary-Treasurer—Robert C. Campbell
Director—Jess T. Holmes, Jr.
Director—W. Kern Smith
Director—Ted C. Luna
Director—Kenneth S. Clark, FAIA
Director—Charles E. Nolan, Jr.
Director—Bill J. Waters
Director—Van Dorn Hooker

Commission for NMA
John P. Conron—Editor

Bainbridge Bunting—Editorial Consultant
Robert G. Mallory—Advertising
Mildred Brittelle—Financial
Secretary, Circulation
John W. McHugh

Sam Pool

Use something to insulate cavity and block walls. How about jawbreakers?



Whenever the temperature differs on the inside and outside of these walls (that's all the time), convection occurs in the cavities. The more different the temperature, the bigger the wind in the voids. The wind carries therms from the side where you want them to the side where you don't. These walls are as good as—or better—than other kinds of walls. But like all walls, they need insulation. Without it the occupants are as miserable as the heating and air conditioning bills.

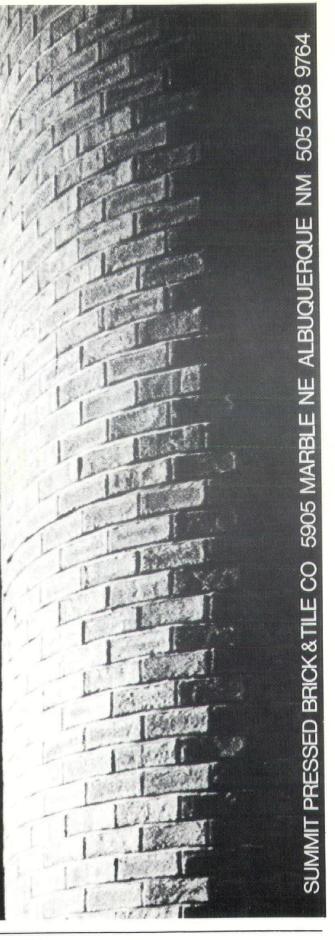
Zonolite® Masonry Fill Insulation: better than everything

Zonolite Masonry Fill Insulation was developed specifically for these kinds of walls. It doubles their insulation value; a real boon to mankind. Keeps inside wall temperatures comfortable and the heating and air conditioning bills easy to take.

Zonolite pours right into the voids, fills them completely, never settles. It is water repellent; any moisture that gets into the wall drains down through it and out.

Cost: as low as 10¢ per square foot, installed.

GRACI	Southwest Vermiculite Co. 5119 Edith Blvd. N.W. Albuquerque, N. M. 87107
Gentlemen:	i .
	sing jawbreakers doesn't sound like a good solu
tion to the	problem of insulating masonry walls. Send me sonry Fill Insulation Folder No. MF-83, with com-
	ical data and specifications.
NAME	
TITLE	
TITLE	

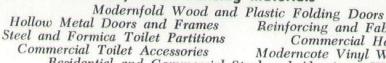




serving New Mexico and the El Paso area

Quality Concrete Masonry Products

and many allied building materials



Reinforcing and Fabricated Steel Commercial Hardware Moderncote Vinyl Wall Covering Residential and Commercial Steel and Aluminum Windows

Builders Block & Stone Co., Inc. Builders Block & Supply Co., Inc.

P. O. Box 1633 Roswell, N. M. 88201 505 622-1321

P. O. Drawer FF Las Cruces, N. M. 88001 505 524-3633

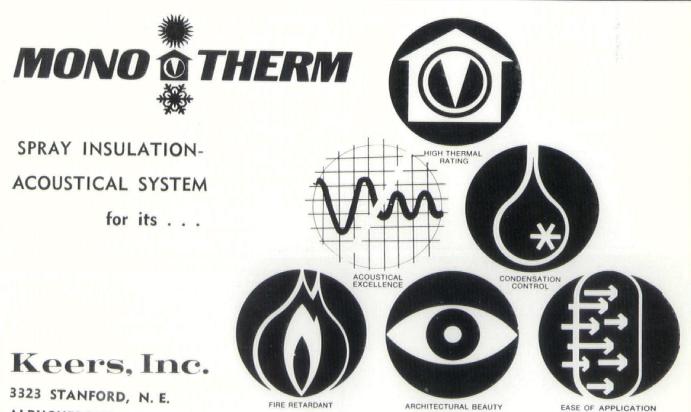
Builders Block & Stone Co., Inc.

P. O. Box 10284 Albuquerque, N. M. 87114 505 265-6085

Builders Block & Supply Co., Inc.

Telephone El Paso 915 532-9695

Members: New Mexico Concrete Masonry Association, National Concrete Masonry Association



ALBUQUERQUE, NEW MEXICO



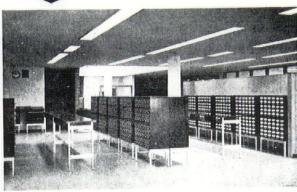
DEDICATED TO QUALITY
AND SERVICE

ALBUQUERQUE GRAVEL PRODUCTS COMPANY

600 JOHN ST. SE



FROM CONCEPT TO COMPLETION



Exclusive distributors for BUCKSTAFF

Consultation Planning Design Layout

In the library, where mind speaks to mind, uncluttered and compatible design creates study carrels, personalized learning centers. These centers are a long-time dream of theoretical educators who envisioned the creation of units flexible enough for the needs of individual thought patterns. Now, carrels incorporate storage for film, earphone jacks, 8 mm projectors, pre-recorded magnetic tape . . . and partitioned seclusion for undisturbed concentration.

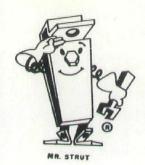
Architects use our design consultation services for: Science Labs / Offices / Artrooms / Dormitories / Libraries / Auditorium Seating / Home Economics Labs / Gymnasiums

UNIVERSITY BOOK STORE ALLIED SUPPLY CO.

2122 Central, SE Phone 243-1776 Albuquerque, N. M.

PLASCO INC. ALBUQUERQUE

mirror closet doors • shower doors & compartments • complete store front department patio doors • fiberglass shower stalls & tubs • plate glass mirrors • bathroom accessories • medicine cabinets screen & storm doors • glass & aluminum products • acrylic lavatories & tubs • complete screen service



UNISTRUT

NEW MEXICO

METAL FRAMING TELESPAR TUBING

movable partitions
wire mesh partitions
toilet partitions
steel shelving and racks

4820 PAN AMERICAN HIGHWAY, N.E. © P.O. BOX 3128 ALBUQUERQUE, NEW MEXICO 87110 PHONE 505 345-2405

DURABLE FAST ECONOMICAL

All-Concrete Building

A new warehouse building in Albuquerque for Telco Electric, Inc., consists entirely of 8 foot twin tee prestressed concrete members. The building features a 60' clear span, is 216' long and 14' to the ceiling.

The window and personnel door frames were cast at Prestressed Concrete's plant. The entire building was erected in five days.



ARCHITECT — William G. Barber A. I. A. CONTRACTOR — The Jaynes Corp. ERECTOR — ABC Erectors

PRESTRESSED T : CONCRETE PRODUCTS, INC.

1304 Menaul Blvd., N. E., Albuquerque, N. M. 87105 (505) 345-5671

E CUBE: A COMPUTER PROGRAM TO HELP YOU MAKE MONEY-SAVING, ENERGY-SAVING DECISIONS.

A THREE-PART LIFE CYCLE ANALYSIS_

1. ENERGY REQUIREMENTS.

E CUBE computes the hour-by-hour energy requirements of your building or planned building for an entire year—taking into account U.S. weather data, solar loads, building design, operating and occupancy schedules, and other operating factors. It sums them coincidentally—for single or multiple zones, even multi-building projects. And there's an easy manual check for every calculation.

2. EQUIPMENT SELECTION.

E CUBE lets you build, on the computer, a model of an energy system. Lets you "operate" that system so you can evaluate its performance. E CUBE can simulate many systems for you to compare—from all-electric to total energy, or any combination along the way—so you can choose the one that works best for you.

3. ECONOMIC COMPARISON.

E CUBE compares the total operating and capital costs of each system you study—takes project life and equipment life into account, provides for irregular and replacement expenses, and ranks the systems comparatively for life cycle costs.

E CUBE is accurate. There are other computer programs in this field, but E CUBE is by far the most advanced and has the experience of thousands of runs made by the American Gas Association member companies, industry, and people in private practice. The U.S. government is among the many successful users of E CUBE.

E CUBE is fast, private, moderately priced.When we say it's private, we mean you give your information directly to the computer. Your project data and the results are never

Your project data and the results are never seen by any third party. E CUBE is available to you through the Cybernet® System of Control

Data Corporation, with installations in 44 major cities. Of course, we stand ready to provide assistance at your request.

An energy saver for new buildings and existing ones. Whether you're in the construction-planning stage, remodeling, upgrading and replacing old equipment, or simply want to check your building's efficiency, E CUBE can help you make the right decision. Right financially and right for conserving America's energy.

Helps you prepare many required reports. Here's another reason you'll find the impartially, statistically calculated results of E CUBE a tremendous help. It provides information for environmental impact statements, cash flow projections required by senior lenders, and is useful in profit planning.

For further information, call your local Southern Union office or mail in the coupon below.

Representative Southern Union Gas Co 1401 San Pedro, N.E.		EE
Albuquerque, New Me.	xico 87102	
Organization		
Address		
City		
		Zip

INTERNATIONAL SPACE HALL OF FAME TO BE BUILT IN ALAMOGORDO

CHARLES E. NOLAN, JR. & ASSOCIATES, ARCHITECTS

OBJECTIVES

1. To give the State of New Mexico a prestigious national and international tourist attraction featuring the most heroic deeds and personalities of the twentieth century.

2. To provide educational displays from the historic and biographical viewpoints, with documentary movies, pageants reenacting space launches, and dynamic simulators for audience participation in sights, sounds and feelings of the space experience.

3. To enhance educational programs and opportunities of universi-

ties in New Mexico in Space Sciences.

4. To provide collections of space artifacts, library materials, a planetarium, observatory, and work bench space communications station for public and university education and research.

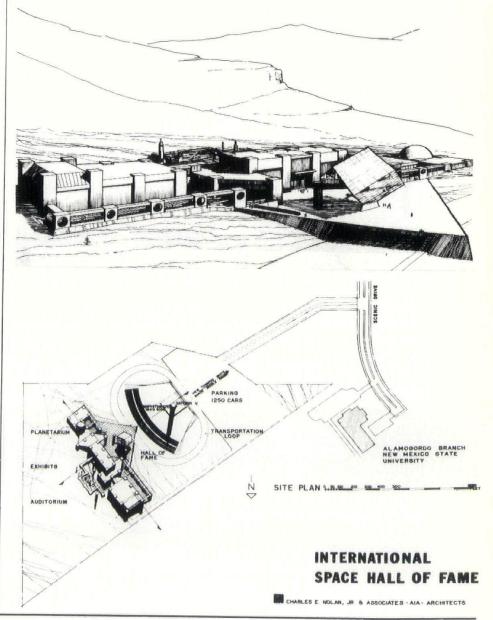
From its outset, the concept of an International Space Hall of Fame has drawn the endorsement and support of the International Academy of Astronautics, which provides a committee to select candidates for nomination, the Smithsonian Institute which has custody of all U.S. space artifacts, the National Aeronautics and Space Administration, New Mexico State University and local United States Air Force and Army installations. The spontaneous origin of the concept in Alamogordo, New Mexico, and the fortuitous choice of this most favorable location for the International Space Hall of Fame was not a local initiative based on parochial self interest. The immediate concurrence of dozens of other New Mexico communities through resolutions passed by their Chambers of Commerce gave their endorsement to this project as a contribution to statewide development.

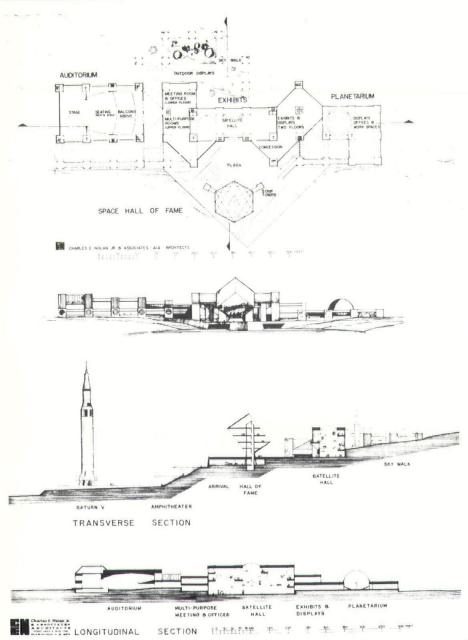
The unique achievements of space exploration are the most spectacular and best documented events of human history. These proudest moments of mankind deserve displaying and retelling for the inspiration of present and future generations of the whole world.

The State of New Mexico, birthplace of nuclear energy and cradle of the space age, is historically privileged to be the International shrine of the heroes and great deeds in the conquest of space. In this frame of references, support of the whole state of New Mexico is sought to realize this project now, while we still have the initiative.

DESCRIPTION

The International Space Hall of Fame will consist of buildings, access avenues and parking facilities; proposed location on 45 acres of public land southeast of New Mexico State University, Alamogordo Branch, in Alamogordo, New Mexico. The proposed location is accessible to Interstate Highways 54, 70 and 82, and the





Southern Pacific Railway, all less than 3 miles distant. The land is cleared and ready for grading and construction. Drainage and utilities are in easy access.

Buildings will include the Space Hall of Fame, the Planetarium, Exhibits Hall, Auditorium and offices, Amphitheater, parking and outside displays. Drawings, plans and specification descriptions are included in other sections.

INTERIM OPERATING POLICY

The elements and concepts of

operation of the International Space Hall of Fame have evolved from discussions by members of the initial Alamogordo Chamber of Commerce committee and additionally the members of the Governor's Interim International Space Hall of Fame Commission. These are presented as guidelines for use by the permanent Commission who will certainly be interested in the initial concepts as foundations for development of final operating policy. Use of the facility and public acceptance will further evolve policy in years ahead.

PUBLIC DISPLAYS

HALL OF FAME will be the focal element of the site with no admission cost to visitors of this portion of the complex. All honorees will be selected by the International Academy of Astronautics. Operations costs during initial years may require some nominal charge.

STATIC DISPLAYS will constitute approximately 80 percent of initial displays and will consist of many types of displays. These will include moon rocks, satellites, rockets, space apparel, experiments, moon vehicles, historical artifacts, sun and moon photos, and scientific exhibits related 'to space. These will be displayed for viewing only by the visiting public with only rockets and large vehicles for touching.

DISPLAYS PARTICIPATION will provide the remaining 20 percent of initial displays and will be designed for safe touching and operation by the public. Simple participation displays will include types of displays which demonstrate principles of physics and other scientific disciplines. Triggering of small rocket motors, reaction chains, gyroscopes, electronic games, laser holograms, optical reversals, and related types of participation exhibits will be included, with all participation exhibits designed for safety and interest.

AUDITORIUM use will be as a major multipurpose facility for large groups. It will also function to serve as a multiple theater for viewing of several space films simultaneously by several groups of visitors. A convention of international aerospace scientists could also use the auditorium for its major symposias. New Mexico State University will also use the auditorium for drama and student gatherings. Scheduling will be through the Executive Director of the International Space Hall of Fame.

AMPHITHEATER use will be to explain to large groups the major elements and operation of our larg-

A CONGRESSIONAL REPORT FROM AIA HEADQUARTERS

FROM NICOLE GARA, DIRECTOR AIA CONGRES-SIONAL LIAISON

Despite the pressures of Watergate, several major legislative accomplishments have occurred thus far in the second session of the 93rd Congress.

Both houses have passed pension reform legislation, and a House-Senate conference committee will soon meet to resolve the differences between the two bills. Basically, the bills attempt to provide federal standards for private pension plans and to improve eligibility, vesting, and portability provisions. The Keogh plan allowable deductions will be increased to a new 15% limit (but not more than \$7500 per year). The present limit is \$2500. Of special interest to architects is a technical amendment granting tax qualification of multi-employer pension plans for architects and engineers. The AIA and several engineering societies worked diligently to assure inclusion of this provision in the legislation. (A survey of the AIA membership is currently being conduct-

(Continued from page 10)

est space rocket. It will also be for presentation of outdoor pageants for presentation to visitors on a scheduled basis during the favorable yearly seasons for outdoor events.

PLANETARIUM use will be to provide a complement to the solar observatory at Sac Peak in the adjacent Sacramento Mountains. Student use by all southern New Mexico and West Texas schools and universities will be a major portion of the use. A major future potential will be use in astronomy and space navigation training of astronauts. The general public will also be able to develop a better understanding of space accomplishments and opportunities.

ed to determine member interest in an AIA pension plan.)

The Senate managed to cut off a filibuster and pass a campaign financing reform bill just prior to the recess. The legislation provides for the use of tax funds in financing general and primary campaigns for federal offices. It puts a ceiling on campaign contributions, limits the total expenditures of presidential and congressional candidates, and establishes an independent bipartisan Federal Elections Commission empowered to prosecute violations. At its meeting on March 20, the AIA Board of Directors adopted a resolution favoring campaign financing reform, which enabled us to lend our support to the Senate measure.

The Senate on March 11 passed a bill (S. 3066) to authorize \$10.4 billion over two years for housing and community development programs. The Senate rejected the nostrings approach of the Better Communities Act, the Administration's proposed revenue - sharing for community development, and instead placed several restrictions on use of the money. This omnibus bill consolidates several existing community development categorical grant programs, such as model cities, urban renewal, and water and sewer construction grants, into one block grant program. \$6.1 billion is reserved for community development.

The legislation would also restore funding for several subsidized housing programs (formerly Sec. 235 and 236 housing assistance) suspended by the Administration in January 1973. There are new "reforms" included to guard against abuses of the type cited by the Administration in closing down the housing programs last year. Three hundred millions dollars is authorized over 10 years for an experimental program to provide cash allowances to the poor for housing.

The House Subcommittee on Housing is just completing its markup of an omnibus housing and community development bill, and is hoping to have the bill passed by the House before the summer. A House-Senate conference will be necessary to resolve any differences between the two bills. HUD Secretary James T. Lynn has said he will recommend a presidential veto if the final conference version resembles the Senate-passed bill.

The land use bill suffered a surprise attack by the House Rules Committee in late February, catching its sponsors and supporters offguard. After three years of consideration, the House Interior Committee finally approved a land use planning bill (H. R. 10294, sponsored by Rep. Morris Udall, D-Ariz.), similar to the one which passed the Senate last June. It would provide \$800 million over the next eight years for states to develop comprehensive plans for regulating the use of land, particularly for projects such as power plants and airports with significant environmental and regional impact. Proponents of the measure, which include the AIA, believe the measure will promote orderly growth and development without imposing federal controls, but opponents fear it will infringe on private property rights and lead to takeover of local zoning decisions. Intensive efforts have been made to have the Rules Committee reconsider its decision (which prevented the bill from proceeding to the floor for a vote by the full House). As a result, the Interior Committee will hold two additional days of hearings, April 23 and 25, to hear those opposed to the bill. Continued pressure on the Rules Committee would help convince them to reconsider, and we urge you to write your Congressman on this matter.

The Rules Committee held up the metric conversion bill (H. R. 11035) for several weeks, only agreeing to allow the bill to proceed to the floor of the House after Rep. Spark Matsunaga (D-Hawaii) indicated that he would offer several labor-supported

Continued on page 25



San Vallé tile is forever.

Time.

It takes time to create each piece of San Vallé genuine clay roofing tile.

We begin with three varieties of the finest quality clay. We blend it. Screen it. Then screen it again. We mill it. Mold it. Cut it to size. Then fire it at extreme temperatures.

It's a process we refuse to rush.

That means fewer tiles produced, but it also means better tiles.

Time.

The time we invest is repaid by an exceptionally durable tile whose rich natural or custom colors are permanently baked in and whose beauty actually increases as time goes by.

Time.

We've been manufacturing clay roofing tile for seventy-five years. It was contemporary long before we started. And it still is.

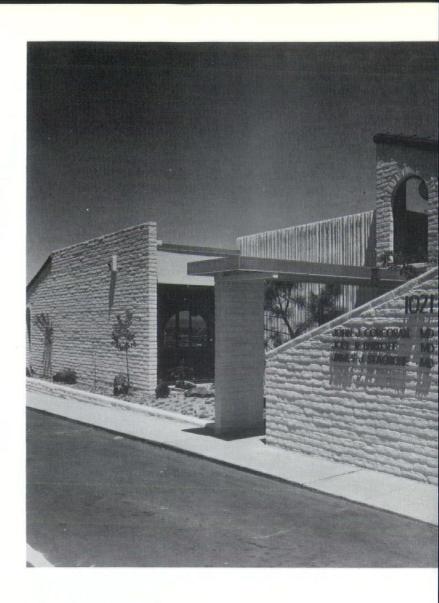
San Valle TILE KILNS

1717 NO. HIGHLAND AVENUE, LOS ANGELES, CALIF. 90028 • (213) 464-7289 THE NATION'S LARGEST PRODUCER OF GENUINE CLAY ROOFING PRODUCTS.





NMA May - June 1974







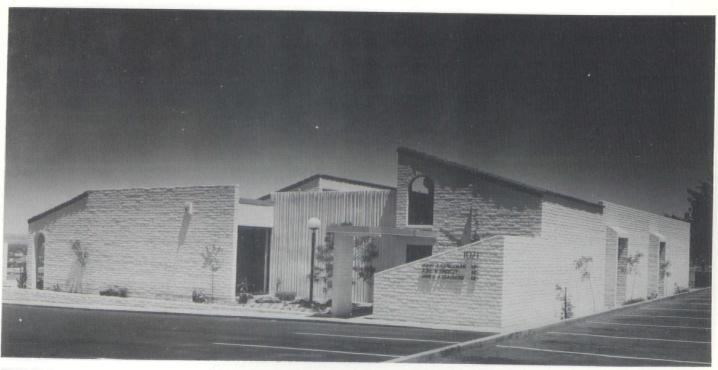
indicates which doctor is needed in a specific examination room. The lights also indicate when a nurse is needed in a specific examination room.

Patient traffic flow within the building is of extreme importance. From main entrance, patients go to reception desk and then to waiting room. Large windows in waiting room provide a relaxing view of the river valley and volcanoes to west. These windows are protected with an arched canopy and the glass is reflective. No draperies are required to eliminate the west sun. From the waiting room, patients are easily escorted to their examination room. Patients exit past reception desk so they can make a next appointment with the receptionist.

Doctors' private offices and library are along the north side, out of way of patient traffic. Private offices are not used by patients.

Rooftop mechanical unit is located over storage room at northwest corner of building, and is hidden from view with masonry wall and partial tile roof.

Exterior walls are slump block covered with a skim coat of white Portland cement inside and out. Portions of the roof are red clay tile. All interior floors are carpet with the exception of the vestibule and entry which are buff-colored quarry tile. All interior partitions are vinylsurfaced drywall, except for some walnut paneling in the waiting room. A special vinyl surfacing with bold vertical stripes was applied to counter faces in the reception and nurses' station as well as on the wall directly opposite the nurses' station. -J. B.

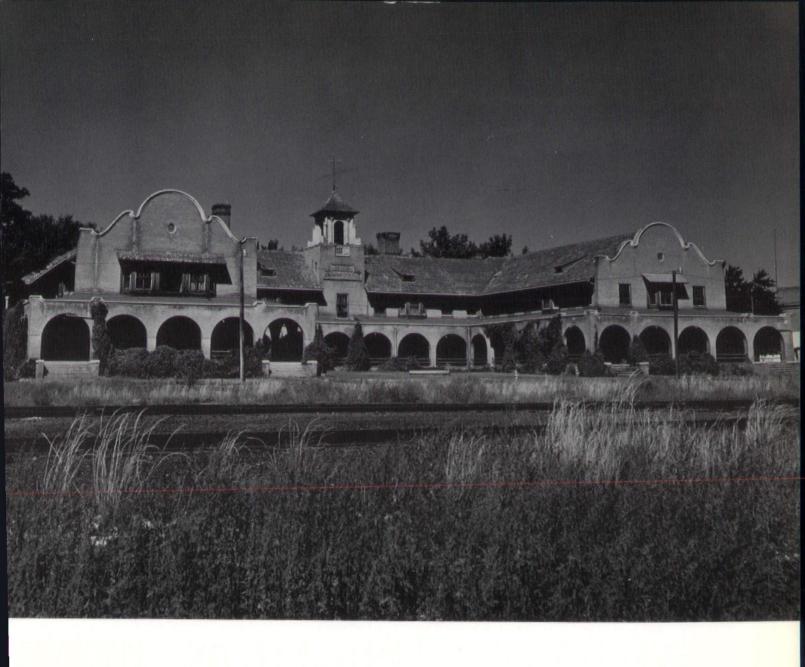


NMA May - June 1974

Kill 2 birds with it.



MASON CONTRACTORS ASSOCIATION OF NEW MEXICO



The Hotel Castañeda, Las Vegas, N.M. ---- a Fred Harvey Inn on the Santa Fe Railway

by Louise Harris Ivers

"... of the furniture it may be said that the Harvey Eating-house Systems expended \$30,000 ... the bar and billiard room is a bijou, defying description ..." (the Las Vegas Daily Optic.)

A relatively early example of the Mission Revival style can be found in Las Vegas, New Mexico. This building is the Hotel Castañeda which is situated on the east side of Railroad Avenue between Douglas and Lincoln Avenues. Now converted into apartment dwellings, the Castañeda was once a luxurious hotel built and owned by the Atchison, Topeka and Santa Fe Railway. In November, 1897, stakes were driven for the excavation of this building,1, while in June, 1898, its wooden structure was nearly completed2 The grand opening of the hotel took place in January, 1899.3 The Castañeda was designed by a California architect, Frederic Louis Roehrig,4 while Henry Bennett of Topeka, Kansas was given the contract for the carpentry and brick work of the building.5

The Mission Revival began in California in the 1880s. At that time, architects in this country were searching for a uniquely American architectural expression. California architects rediscovered the old Spanish mission buildings in their state, and thought of them as an indigenous mode of expression. The forms and decorative

motifs of the California missions were adapted by these architects to both commercial and domestic buildings. These buildings had as their chief characteristics heavy, simple arcades or columns, mixtilinear parapets, quatrefoil windows, terra cotta tiled roofs, and often bell towers. Sometimes Moorish or Mexican Baroque details were incorporated into Mission Revival buildings as well. Large, stark expanses of exterior wall surface were treated as abstract planes punctuated by severely rectangular windows. Mission Revival structures displayed an essential simplicity, as did the original Spanish Colonial missions. The Mission Revival Style became popular in California in the 1890s, but did not reach its apex until the turn of the century. Still popular among architects working in the 1920s and 1930s, this style is even used today.

A number of hotels in the Mission Revival style were built during the 1890s. Among these is F. L. Roehrig's Hotel Green Annex of 1890 in Pasadena, California. This building has a combination of Mission Revival and Moorish details.

"The Annex is six stories in height, with a roof garden. The exterior is beautiful in architectural design, and lacks the tiresome similarity so frequent in large structures. The broad varanda sic, with its massive columns, on the eastern and southern sides of the first floor; the sixty wrought-iron balconies, opening out from every suite of rooms in the building; the elaborate staff-work, the greenery of the roof garden, the copper domes of the two southern towers and the picturesque file of the projecting roof, all combine to produce an imposing and luxurious effect."6

Irregular in massing and with areas of the Moorish-inspired detailing, the Hotel Green Annex presents a richly textured appearance. Although it was designed by the same architect, it is a more complex structure than the Castañeda.

F. L. Roehrig, architect of the Castañeda Hotel, also designed a number of Mission Revival houses. Typical of these is the W. C. Stuart house in Pasadena, reproduced in *American Architect and Building News* in 1899.⁷ An asymmetrical structure, the Stuart house

Hotel Green with the Roehrig designed Annex on the right.





The W. C. Stuart House in Pasadena. A photograph from "American Architect and Building News" of 1899.

has a large tower, derived from the *campanarios* or bell towers of the California missions, mixtilinear parapets of varying sizes, an arcaded *loggia* with Moorish horse-shoe arches, and moulded cylindrical roof tiles or *tejas*. This house has more mission motifs than Moorish ones, the reverse of the Hotel Green Annex.

Roehrig's Hotel Castañeda was named after Pedro de Castañeda de Nagera, a soldier in Coronado's army, by President Ripley of the Santa Fe Railway.⁸ It and the depot next door, also built in 1898,⁹ cost \$110,000, while the furnishings of the hotel cost \$30,000.¹⁰ The railroad's landscape gardener, A. Reinisch, designed the grounds of the Castañeda,¹¹ which apparently once were "set in grass and adorned with trees, statuary and fountains."¹²

The Castañeda is of frame construction with buff brick veneer. 13

"It surrounds three sides of a hollow square, and is nearly surrounded by a corridor, 2 feet wide and 488 feet long, composed of massive brick arches. Around all lies the same magnificent pavement, in the construction of which were employed a quarter-million of bricks. Exclusive of corridor the dimensions are 186 feet north and south by 108 east and west. The wings are each 41 feet wide by

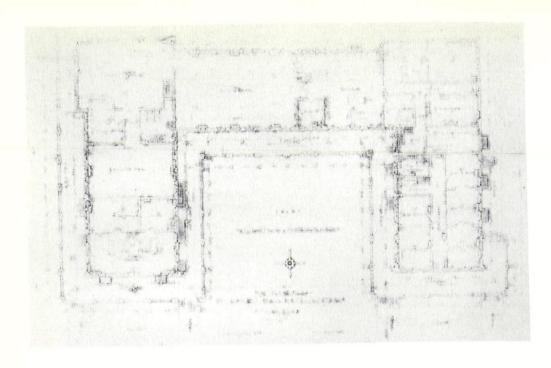
72 feet deep, leaving the connecting center 104 feet by 36."14

A series of arcades with large round arches, like those found in California mission quadrangles, flank the Castañeda's wings and courtyard. Here, however, no rectangular capitals or bases, like those of the mission piers, are found. The pitched projecting roof of the Castañeda is constructed of a composition material imitating roof tiles. Facing the railroad tracks, the facade of the hotel has a small central tower rising above the arcade and through the roof. This tower is rather Baroque in character with its open arches, engaged columns, angle buttresses, ogee cap, and urns. Ornamental mixtilinear parapets, like those on many California mission church facades, are placed at the ends of the wings of the Castañeda. Bull's eye ventilators are cut into these parapets. The first story openings of the hotel are arched, while those of the second story are rectangular in form. Semi-hexagonal oriel windows also project at intervals from the upper story. In comparison to Roehrig's Hotel Green Annex, the Castañeda is a simple, symmetrical structure with none of the coloristic effects of the other structure. Nevertheless, it is a handsome building with well-designed details. Its walls give the effect of planar surfaces

punctuated by carefully placed openings that is typical of Mission Revival buildings.

The interior of the Castañeda contains no allusions to the California mission. Neo-classical architectural elements, probably ordered from a catalogue, are seen. In the first floor lobby, or office, a paneled, balustraded staircase has a newel post with coffers, rosettes, and dentils. The doors and windows of this room have surrounds made of multi-profiled mouldings topped by modillion cornices. Banded iron columns with rosettes support the ceiling, which is coffered in stamped metal. The dining room has the same interior elements, excluding the staircase. Its original furnishings, a few of which still remain in the building, have an abundance of twisted posts. The effect of these rooms, whose wood has unfortunately been painted, is typical of interiors of the 1890s. Before they were painted and when they contained their original furnishings, they undoubtedly were more impressive than they are now.

"On the ground floor are the usual offices, billiard and bar room, lunch-counter room and kitchen, dining room, kitchen, silver and china closets, ice rooms, bakery, and sample room for drummers. . . . The interior finishing is exquisite, cypress and maple being



First Floor Plan

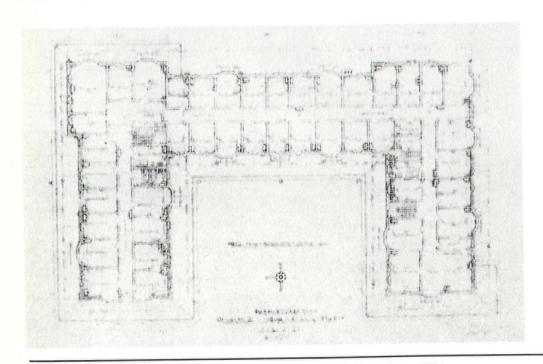
the chief woods employed, while the ceilings are stamped steel and the walls either painted or papered in self-colored felts. Of the furniture it may be said that the Harvey Eating-house Systems expended \$30,000 to conform to the building.

"The office is 34 x 29 feet, cypress finish, steel ceilings, walls painted terra cotta with incrusta walton trimmings, mahogany furniture upholstered in plush, and consisting of single and double settees, lounging chairs, rockers and

arm chairs, while individual writing desks substitute the usual writing table. A magnificent flight of stairs, in solid oak, gives access from the office to the upper floor. The bar and billiard room is a bijou, defying description. Octagonal settee in oak and leather, ogee cypress bar across the corner, sideboard of glass and cypress, cut glass Flemish tankards, hand painted china, handsome jardinieres, oxidized brass chairs and small tables—in a word, a place where

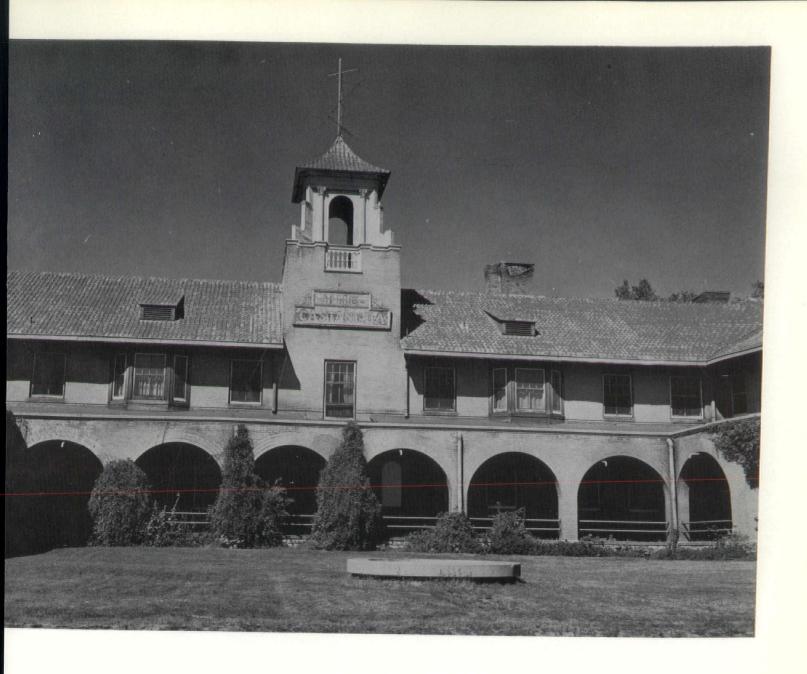
one can sit for hours to enjoy the beauty of the surroundings. The dining room is 54 x 35 feet, finished and furnished in tobacco brown, 16th century design, cardinal color for walls, fishnet lace and ecrue shades for windows, side-boards, tropical plants, table service of solid silver, cut glass and finest china, with nothing omitted that might add to comfort, convenience or beauty."15

In addition to the rooms described above, the first floor of the



Second Floor Plan

These reproductions are from photographs taken of the original, but badly faded, plans.



Castañeda contained ten rooms for railway company offices.

The second floor of the Hotel Castañeda also once had sumptu-

ous furnishings.

"On the sleeping floor carpets of axminster velvet cover the halls, grill work and silk tapestries close apertures, rooms are covered in Wilton or spread with Turkish rugs, while the furniture in mahogany or maple consists for each room of wardrobe, dresser, washstand, writing desk, lounging chair, rocker, decorated crockery, imported bedstead of brass and black enamel, box springs and 40-pound hair mattress. The rooms, each

with walls painted in different color or tint, are large, light and well ventilated . . . "16

In plan the second floor had a series of rooms, each with exterior exposure, separated by a long, U-shaped corridor. A bathroom and lavatory were placed next to the two staircases.

Finally, the basement of the Castañeda had wine, grocery and storage cellars, work shops, and boiler rooms. A twenty-five horse-power boiler supplied steam for the cooking apparati in the kitchens, while two fifty horsepower boilers heated both the hotel and the depot.¹⁷ The building was



"supplied with every contrivance known to the modern hostelry." ¹⁸

The Castañeda Hotel is a fine and fairly early example of the Mission Revival style of architecture. Its interior at one time must have presented a decorative contrast to its simple exterior. As in the California missions themselves, arcades and curving parapets create a striking image here. At the Castañeda, the geometric simplicity of mission motifs is used to form a more modern structure that is utilitarian as well as ornamental in nature. The quadrangle plan found at most California missions here allows the hotel rooms to have exterior exposure, light, and ventilation, while the arcades give the guests verandas on which to sit or stroll.

NOTES

¹The Daily Optic, XVIII, (November 6, 1897).

²Ibid., XIX, (June 16, 1898).

³Weekly Optic and Stock Grower, (January 21, 1899), 3.

⁴Letter from the Public Relations Department, Atchison, Topeka and Santa Fe Railway Company, April 5, 1971.

⁵The Daily Optic, XIX, (April 27, 1898).

⁶"Hotel Green, Pasadena," *The California Architect and Building News*, 19, (November, 1898), 128-29.

⁷It may have been built in 1898, the same year as the Castañeda, because the buildings reproduced in American Architect were usually constructed the year before.

⁸The Daily Optic, XXI, (January 30, 1899).

⁹Weekly Optic and Stock Grower, (January 21, 1899), 3.

 $^{10} The\ Daily\ Optic,\ XIX,\ (September 8, 1898).$

¹¹Ibid., XX, (April 4, 1899).

¹²Supplement to the Las Vegas Daily Optic, Building Edition, (April 15, 1899), 10.

¹³The Daily Optic, XIX, (June 16, 1898).

¹⁴Supplement to the Las Vegas Daily Optic, Building Edition, 10.

¹⁵Ibid., 10.

¹⁶Ibid., 10.

¹⁷*Ibid.*, 10. ¹⁸*Ibid.*, 10.

(Continued from page 11)

amendments to the measure. These amendments would provide a federal subsidy for the cost of converting tools to metric standards. Thus far the bill, which encourages a 10-year conversion to a predominantly metric system in this country, has not been brought up for a vote by its sponsor, Rep. Olin Teague (D-Tex.). The Senate Commerce Committee, which passed a metric conversion bill in the last Congress, is waiting for the House to act first before taking up S. 100, its version of the legislation, sponsored by Sen. Claiborne Pell (D-R. I.).

Other issues of interest to architects currently under consideration by the Congress include solar heating and cooling, OSHA, and historic preservation appropriations. The AIA has testified before several Senate committees on the solar heating and cooling demonstration act, already passed by the House, which would provide federal support for the development and application of such hardware. The Institute supported full funding for the historic preservation programs administered by the National Park Service, and has been carefully watching the Legislative Appropriations bill for mention of the West Front of the U.S. Capitol. So far no request has been made for funds to extend the West Front, nor, for that matter, for funds to restore it. The AIA would like to see an appropriation for the Architect of the Capitol to prepare a comprehensive master plan for Capitol Hill, and we are strongly urging that this be done before any further construction is proposed. N. G.

GSA ENERGY CONSERVATION GUIDELINES

The General Services Administration announced the publication of "Energy Conservation Design Guidelines for Office Buildings."

Prepared by The American Institute of Architects Research Corporation, Dubin - Mindell - Bloome

Associates, consulting engineers, and Heery and Heery, architects, under a professional services contract with GSA's Public Buildings Service, guidelines provide the first comprehensive criteria for conserving energy in the design, construction and operation of office buildings.

Commenting upon the publication of the guidelines, John P. Eberhard, AIA, president of the AIA Research Corporation, said, "We were happy to have the opportunity of participating in this leadership project under GSA. We believe that these guidelines will be useful for the design professions in designing office buildings which will conserve energy.

"But," Eberhard added, "we particularly appreciate the fact that GSA is using the 'energy budget' approach rather than specifying detailed design requirements."

The document proposes an "energy budget" of 55,000 BTU's per square foot per year. This objective could be achieved through a variety of methods, permitting a range of design "trade-offs" in such factors as siting, HVAC systems, and building orientation, and allowing architects and engineers the greatest latitude in design.

The study contains more than 185 ideas for conserving energy in building design, construction and use. Technical aspects include site selection, building planning and orientation, power and lighting requirements, solid waste disposal, and heating, ventilation and air conditioning needs.

Copies of the guidelines may be obtained for \$2 by writing to GSA's Business Service Centers, located throughout the country.

STRENGTHEN HIGHWAY BEAUTIFICATION ACT, SAYS AIA

The American Institute of Architects has recommended the development of comprehensive motorist information systems to control and replace billboard advertising along the nation's highways.

In testimony on the Highway Beautification Act of 1974, Robert Burley, AIA, chairman of the Institute's Commission on Environment and Design, called for further research to improve the design and performance of motorist information systems and for technical assistance to the states to develop and implement such systems.

Burley, a resident of Waitsfield, Vermont, spoke before the Subcommittee on Transportation of the Senate Public Works Committee, which is considering legislation to amend the Highway Beautification Act of 1965. In his statement Burley cited the Institute's support of the act's intent to preserve natural beauty and improve the safety and recreational values of the nation's highway system. These objectives have not been achieved, however, and the law must be strengthened to encourage the states which are taking leadership in this area.

The AIA believes that highway beautification should be an integral part of transportation planning and not merely a remedial measure to patch up environmental damage that has already occurred, said Burley. He noted the neglect of such considerations as landscaping, scenic enhancement and motorist information systems in the planning of federally-assisted highway projects, and stated, "We should not have to apply a sprinkling of beautification programs after the fact to rectify such neglect."

The AIA recommended amendment of the Highway Beautification Act in three areas: more stringent restrictions on billboards legible from federal interstate and primary highways; provisions which would permit states to use either cash compensation or amortization techniques to facilitate removal of billboards and junkyards, and federal support for research to develop a comprehensive "design" approach for motorist information in each state.

New Mexico Office Furniture has been appointed dealer for **Steelcase**

Steelcase . . . involved in your total business environment with easily the finest (and best recognized) name in quality offices. Steelcase . . . a little bit of steel added where it counts—inside the pedestals and drawers. Just enough to keep everything working smoothly. Exactly like other fine wood desks, only for longer.



6437 LINN, NORTHEAST

Mexico
Office
Furniture albuquerque, New Mexico

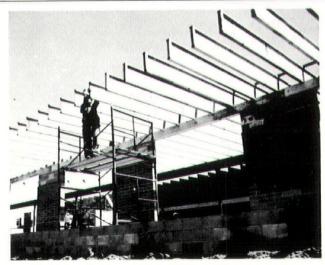
PHONE 265-7841

Serving the architectural profession - - - - professionally!

SANTA FE BUILDERS SUPPLY Co.

SANTA FE

ALBUQUERQUE



Savon Wholesale Florists • Contractor: Bradbury & Stamm
Architects: Flatow, Moore, Bryan & Fairburn

". . . well pleased with the prompt delivery and the economies realized."

That's the way it went for Bradbury & Stamm Construction as Robert M. McAfee, Vice-President, relates it.

"We used I Series TRUS JOIST for the entire roof area and balcony and were well pleased with the prompt delivery and economies realized.

"These are the things which make contractors and owners happy. In this case you have both." Happiness is TRUS JOIST.

Geo. B. McGill Co., Inc. 3520 Pan American N. E. Albuquerque 87107 Phone 505/345-4501



McGill - Stephens, Inc. 110 Festival St. El Paso, Texas 79912 Phone 915/584-6541



SUPPORT YOUR LOCAL AIA FORM SERVICE

We give a 20% discount to all AIA members and components on orders over \$10.00—up to and including \$300.00.

And a 30% discount on all orders over \$300.00.

This is a service of the New Mexico Society of Architects.

AIA FORM SERVICE P. O. BOX 7415 ALBUQUERQUE, NM 87104





BUILDERS BLOCK & STONE CO., INC., Roswell, N.M. & Albuquerque, N.M.

EMPIRE BLOCK CO., Santa Fe, New Mexico



for over 50 years - - from 1921

installed & serviced by

OVERHEAD DOOR COMPANY of ALBUQUERQUE

(505) 344-3467 2840 LOS ARBOLES AVE., N. E. 87107

ALBUQUERQUE TESTING LABORATORY

Sub-soil Investigations For Structural and Dam Foundations

Two Drills and Crews now available for Prompt Service

Laboratory Analysis and Evaluation of Construction Materials

All work done under the supervision of Registered Professional Engineers

532 Jefferson St. N.E. — P. O. Box 4101 Phone AL 5-8916 Albuquerque Phone AL 5-1322 New Mexico

NATURAL STONE FOR LANDSCAPING

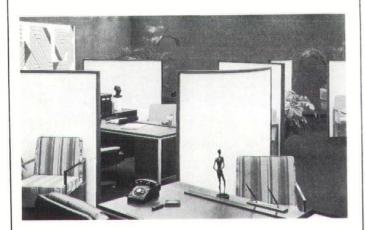


- Featherock boulders
- flagstone
- •crushed scoria

ROCKY MOUNTAIN STONE COMPANY

4741 PAN AMERICAN FREEWAY, N.E. ALBUQUERQUE 344-2611

Armstrong MAKES WORK WORTH LIVING



Armstrong Soundsoak accoustical screens provide effective separation of work stations, while contributing substantially to accoustical and visual privacy. They are freestanding and easy to move. Covered with tufted nylon fabric in a choice of eight colors, Soundsoak screens are effective and decorative, especially when combined with Armstrong C60/30 ceiling systems.

FOR COMPLETE INFORMATION CALL:



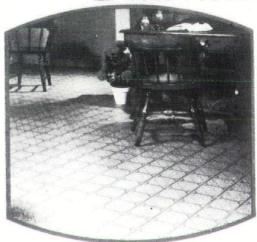
COOK'S BUILDING SPECIALTIES

414 SECOND ST., S.W.

243-5541

ALBUQUERQUE, NEW MEXICO • P.O. BOX 834, 87103

Congoleum



PHARLESS

CUSHIONED VINYL FLOORS. THE ULTIMATE IN CUSTOM FLOORS FOR COMMERCIAL INSTALLATION. THE WHITE SHIELD BACK ALLOWS INSTALLATION ON OR BELOW GRADE.

ASK TO SEE THE WIDE SELECTION OF BEAUTIFUL PATTERNS IN PEERLESS CUSHIONED VINYL SHEET GOODS. EXTRA RUGGED, YET SO BEAUTIFUL.



312 INDUSTRIAL AVENUE, N. E.
ALBUQUERQUE, N. M. P. O. BOX 25111, 87125
PHONE 344-2317

OFFICE FURNITURE

- HERMAN MILLER
- KNOLL ASSOCIATES
- JENS RISOM
- AMERICAN DESK
- REPUBLIC STEEL DISTRIBUTOR
- ALL-STEEL EQUIPMENT

5021 Lomas Blvd., N.E.

Albuquerque, N. M. 87110

268-4307



PROFESSIONAL INTERIOR PLANNING

interiors. inc.

design

RETAIL & CONTRACT SALES

BUSINESS FURNITURE LEASING

DISTINCTIVE OFFICE FURNITURE & UNUSUAL FURNISHINGS FOR THE HOME

FLEX

waterproof flexible texture coating

J. Korber & Co. Building
2400 Menaul Blvd., Albuquerque

Architect: Stevens, Mallory, Pearl & Campbell Painting Contractor: Keers, Inc.



Heavy texture coating for virtually all types of exterior and interior surfaces. Durable, waterproof, flexible.

Wellborn PAINT

Mfg. Company, Albuquerque, N.M. 877-5050



ARCHITECTS

There is no substitute for a good color coat stucco finish! However, a good color coat stucco finish depends on:

- The best materials
- Good building detailing
- Good specifications
- Proper application

We have the best stucco materials, which are specifically formulated for the Southwest and Rocky Mountain regions, and we can furnish you with the proper specifications. But only you can provide the proper detailing and close inspection to assure proper application.

Take advantage of the many unique textures and versatile applications of real color coat stucco—contact us for specifications and exciting new ideas.



STUCCO COMPANY, INC.

4100 Broadway, S. E. Albuquerque, N. M. P. O. Box 6122 505 877-7967

McMillan & Associates, Inc. CONSULTING MATERIALS ENGINEERS



2501 Candelaria Road, N.E. 345-3681 Albuquerque, New Mexico

Experienced Personnel for:

- Laboratory and Field Testing of Construction Materials
- Subsurface Soil Investigations
- Plant Inspection and Calibration

new mexico architecture

nma

Published bi-monthly by New Mexico Society of Architects, American Institute of Architects, a non-profit organization.

Editorial Correspondence should be addressed to John P. Conron, Box 935, Santa Fe, N. M. 87501, 505 983-6948.

Editorial Policy: Opinions expressed in all signed articles are those of the author and do not necessarily represent the official position of the publishing organization.

No responsibility will be assumed by the editor or publishing organization for unsolicited contributions. Return postage should accompany all unsolicited manuscripts.

postage should accompany all unsolicited manuscripts.

Subscriptions: Write Circulation, New Mexico Architecture, Box 7415, Albuquerque, N. M. 87104. Single copy \$1.00. Yearly subscription \$5.00.

Change of address: Notifications should be sent to New Mexico Architecture, Box 7415, Albuquerque, N. M. 87104 at least 45 days prior to effective date. Please send both old and new addresses.

Advertising: Send requests for rates and information to New Mexico Architecture, Robert G. Mallory, 115 Amherst Drive S.E., Albuquerque, N. M. 87106, 505 255-8668.

Additional copies of NMA available from John P. Conron AIA/FAID, P. O. Box 935, Santa Fe, N. M. 87501.

PRINTED BY HALL-POORBAUGH PRESS, ROSWELL, N. M.

INDEX OF FIRMS who make possible the publication of NMA and the page upon which their message may be found:

Albuquerque Gravel Products 6 Albuquerque Testing Laboratory 28 Builders Block & Stone Co., Inc. 5 Century Roof Tile, Inc. 31 Cook's Building Specialties 28 Crego Block Co., Inc. 2 Design Interiors, Inc. 29 El Rey Stucco Co. 29 Hanley Paint Mfg. Co., Inc. 6 Hydro Conduit Corporation 32 Keers, Inc. 5 Mason Contractors Assn. of N. M. ____18 McGill Co., Inc., Geo. B. 26 McMillan and Associates 30 New Mexico Office Furniture 26 Overhead Door Co. of Albuquerque 27 Plasco, Inc., Albuquerque 7 Prestressed Concrete Products, Inc. 7 Rocky Mountain Stone Co. 28 Santa Fe Builders Supply Co. _____26 San Vallé Tile Kilns ______12 Southwestern Portland Cement Co. ...30 Southwest Vermiculite Co. 4 Spectra Glaze _____27 Stryco Sales, Inc. 28 Summit Pressed Brick & Tile Co. 4 Unistrut New Mexico 7 University Book Store 6 Wellborn Paint Mfg. Co. 29

Integrity and Beauty: The concrete facts of Southwestern life.



Physics Laboratories and Lecture Hall on the University of New Mexico Campus Architect: Pacheco and Graham Structural Engineer: Robert Krause

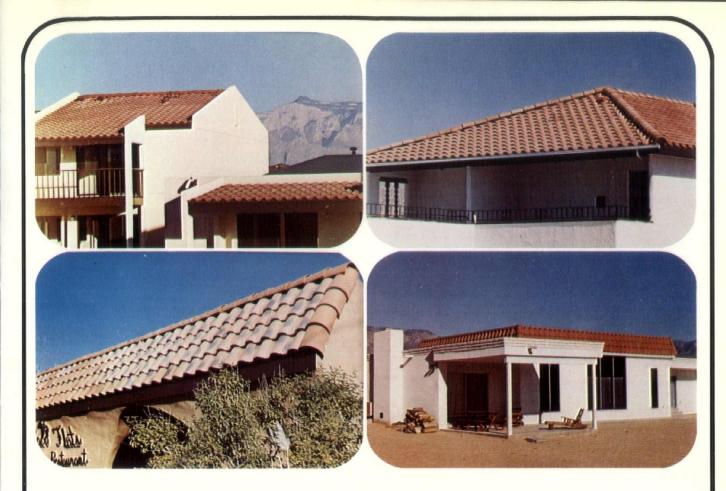
ChemComp Concrete supplied by Springer Corp.

When you want minimized shrinkage cracking for absolute structural integrity, durability and beauty, the concrete answer is ChemComp, Southwestern Portland's expansive cement. Check ChemComp's many advantages by writing for our free brochure: Box 392, El Paso, Texas 79943.



SOUTHWESTERN PORTLAND CEMENT COMPANY

MAKERS OF EL TORO CEMENTS / EL PASO, AMARILLO, ODESSA



Glazed Goncréte Roof Tile

In Glorious Color

You've seen how we look in black and white ads. Take a look at how we look in COLOR.

Anything you can dream up on your drawing board, you can do with concrete roof tile. Anything. Over-all patterns. Blends. Colors. Styles.

The ancient art of concrete roof tile has been changing. It's really a new technology with new versatility. New Methods. New Materials. Many of its applications today are truly innovative. If you've had the opportunity to talk with a roofing contractor recently, you have an idea of what we mean.

Your prospects will recognize it: that "something different" that will set their home, building, or project apart. Give it a distinctive personality that will express their individual taste. You can be as creative as you like. Glazed concrete roof tile is readily available locally from



entury roof tile, inc.

Write or call today for full details. 130 Alvarado NE Albuquerque, New Mexico 87108

(505) 266-8601

AB
Faye Nealis, Staff Executive
Committee on Hist Bidgs, AIA
1785 Mass Avenue NW
Washington, D. C. 20036

Bulk Rate
U. S. Postage
PAID
Roswell, N. M.
Permit No. 47

Vol. 16, Nos. 5 and 6

PRECAST CONCRETE PANELS

For Longer Lasting Beauty and Building Versatility



The new Federal Building and U.S. Court House in Las Cruces, N. M., was given the warm tone beauty of exposed aggregate precast concrete exterior walls.

The building incorporated 1,795 sq. ft. of exposed aggregate panels, 32 precast channel panels and 32 precast stretcher panels.

12,000 sq. ft. of 18" prestressed double tee floor and roof members were also supplied by Hydro Conduit Corporation.

See Hydro Conduit Corporation about the unlimited versatility of precast concrete construction.

ARCHITECT — REGISTER & BRUNET A. I. A., SANTA FE CONTRACTOR — CARLOS BLANCO, INC., EL PASO, TEXAS



HYDRO CONDUIT CORPORATION

2800 SECOND STREET, SW - ALBUQUERQUE, NEW MEXICO 87103