new mexico architecture
January-February 1979
$1.00
The blend of split rockface and split fluted customized concrete masonry provides a dramatic exterior design for the Lyle Talbot Agency office building in Albuquerque.

Owner: Lyle Talbot  
Architect: Dyer-McClerndon  
General Contractor: Baker Construction Company  
Masonry Contractor: Kenneth P. Thompson

The same concrete masonry unit  
- becomes the structural element of the building  
- increases protection against fire  
- provides greater energy conservation  
- reduces maintenance costs  
- is readily and locally available  
- and most of all, offers the economies necessary to keep these benefits plus outstanding aesthetics within budget.

CREGO BLOCK COMPANY  
(505) 345-4451  
6026 SECOND STREET, N.W.  
ALBUQUERQUE,  
NEW MEXICO 87107
For our readers, subscribers, advertisers we wish 1979 to be auspicious, propitious, prosperous and eudaemonistic.

• vol. 21 no. 1 •

IN THIS ISSUE

are the Western Mountain Region, AIA, Design Award winners. Presented at the WMR Conference Banquet on October 14, 1978, the awardees represent a variety of project sizes and complexities. Space did not permit us to print a photograph of each of the Merit Awards, we apologize to those firms.

New Mexico Architecture has now completed 20 years of publication; this magazine begins Volume 21. It is because of our advertisers that these 20 years were possible. Except for a small, but much appreciated, annual grant from the New Mexico Arts Commission, the costs of this publication are borne by the advertisers.

Some of our present advertisers were not in business in 1959, but three of those whose advertisements appear in this issue, Volume 21, No. 1, were among the original advertisers: New Mexico Marble & Tile, Stryco Sales and Albuquerque Gravel Products. Albuquerque Testing Laboratory joined the magazine with issue number 2.

We thank all of you, present and past advertisers. We seek your continued support as we proceed into our 21st Century (so-to-speak).

—JPC

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

Society Officers

President—John C. Bland
President-Elect—Randall L. Kilmer
Secretary-Treasurer—Robert J. Strader, Jr.
Director—Wilbur T. Harris
Director—Kestutis Germanas
Director—Ron Hutchinson
Director—John P. Conron, FAIA
Director—Edwin C. French
Director—Channell Graham
Director—Stanley French
Director—Bernabe Romero, Jr.
Director—Ervin Addy III
Director—George C. Owen
Director—Richard Waggoner
Director—William L. Burns
Executive-Secretary—Leigh Matthewson

Commission for NMA

John P. Conron, FAIA/FASID,—Editor
Bainbridge Bunting—Editorial Consultant
Mildred Brittelle—Accounting and Circulation
Flora & Company—Advertising

Charles E. Nolan, Jr.
A commitment to quality.
TOTAL VERSATILITY IN PRECAST CONCRETE

Newport Five Office Building
David Werner - Architect
Jim Innis - Engineer
Craddock Development - Owner

Stanley Structures produces and erects a full range of precast products for apartments, offices, warehouses, commercial and industrial buildings, including walls, floors and roofs. These products include twin tees, flat slabs, girders, beams, columns, stairs and wall panels.

Stanley Structures
1304 Menaul, N. E.
P.O. Box 3855
Albuquerque, New Mexico 87110
(505) 345-5671
Which building material will you use?

You’ve got energy shortages to think about. Air-conditioning costs. Heat gain through the long, hot summers. Heat loss in the winter months. Heating equipment costs. The whole set of energy-use factors suddenly has become critically important. The building material you use affects all of them.

Compare the energy conserving capability of masonry, for instance, with double-plate glass walls.

At 4:00 P.M. on a hot August day in Washington, D.C., the heat gain through a square foot of west-facing insulated brick and concrete block wall will be 2.2 Btus an hour.

The heat gain through a double-plate glass wall in the same location will be 173 Btus a square foot in an hour. A big difference.

Project this differential over 10,000 square feet of wall. You come up with a heat gain through masonry of 22,000 Btuh, while the heat gain through double-plate glass is 1,730,000 Btuh.

In the case of the masonry wall, cooling equipment with a two-ton capacity can handle the heat gain. But with the double-plate glass wall, about 143 tons of cooling capacity will be needed.

An analysis of a typical 10-story building shows that over its useful life, the air-conditioning cost for a square foot of our masonry wall will be about 23 cents. For the double-plate glass wall, it will be $7.60.

It takes a lot of money to buy, install and create space for all the extra air-conditioning equipment required by the double-plate glass wall. A lot of money and a lot of energy to run that equipment.

Compare the heat loss in winter. It has a dramatic effect on energy consumption and building operation costs.

Our masonry wall, for example, has a “U-value” of .12. The double-plate glass wall has a “U-value” of .55. (U-values are used to determine heat loss through one square foot of wall area in Btuh per degree Fahrenheit differential across the wall.)

This means that the masonry wall is about 450% more efficient, on the average, than the glass wall in reducing heat loss.

Over the useful life of the building, the heating cost per square foot of wall area for masonry will be about 30 cents. For double-plate glass, about $1.38.

In a time of one energy crisis after another, masonry makes eminently good sense as a good citizen.

The masonry industry believes that the thermal insulating qualities of masonry are an important economic consideration to building designers, owners and investors, and all citizens.

Masonry walls save on air-conditioning and heating costs. And just as important, they are less expensive to build. The masonry wall we’ve described would have a 38% lower initial cost than the double-plate glass wall.

If you’d like to find out more, write to us and we’ll send you a booklet comparing the thermal insulating qualities of masonry walls with double-plate glass walls, metal panel walls and pre-cast concrete walls.

MASON CONTRACTORS ASSOCIATION OF NEW MEXICO
WOOD WINDOWS ◇ SLIDING GLASS DOORS
CLAD WINDOWS ◇ FOLDING DOORS

Pella Products Company
of New Mexico
RESIDENTIAL, INSTITUTIONAL, COMMERCIAL

P.O. Box 3311, Albuquerque, New Mexico 87190 • Phone (505)345-3501

Congoleum
FLOR-EVER
COMMERCIAL VINYL FLOORING

In a recent survey up to 80% of the Home-shoppers were willing to pay extra for Energy-Saving home features, including ... extra heavy ceiling and wall insulation ... just extra insulation ... heat saving flat ceilings.

EROTHEVSAVING IS
MONEY SAVINGS TO YOU.
INSUL BEAD EPS ... inch for inch is the most cost efficient and energy saving insulation on the market.

SW INSUL•BEAD
Expanded Poly Styrene
ENERGY POINTERS-SAVERS

Travertine is commercial flooring at its best, designed like no other floor to meet the changing commercial needs and demands, including virtually seamless installations in most applications. Here is a beautiful and delicate reproduction of a natural material, reproduced as never before. Travertine has a subdued background and a seamless tile effect that sets it apart from traditional commercial flooring. Available in 9' and 12' widths and 12 color choices.

At your nearest Insulation Supply Dealer & Hardware or Lumber Yards
Or call 243-0666 SW INSUL BEAD CO.

Being in hot water
takes on a whole new meaning.
John Bland, AIA, president, New Mexico Society of Architects, announced last week that Leigh Matthewson has been appointed to the position of executive secretary of the Society.

Ms. Matthewson is a graduate of the University of New Mexico, where she participated in the University Studies program and, later, concentrated on speech communications. She was engaged as a secretary at Sandia Laboratories from 1964 to 1967. She has held executive secretarial positions at G. Patrick Gates, Architect and with William A. McConnell, Architect. She comes to the Society with her experience and our expectations.

Leigh Matthewson is now at work at the offices of the New Mexico Society of Architects, 709 Central NW, Albuquerque, N.M. 87102.

WOLF PREISER TO LECTURE AT UNIV. OF WASHINGTON

A University of New Mexico associate professor of architecture and planning has been invited to participate in a Winter Quarter Course and Lecture Series being sponsored by the University of Washington department of architecture.

On Jan 9, Dr. Wolfgang F. Preiser, who is also co-director of UNM’s Institute for Environmental Education, will present a lecture entitled “Innovations and Applications of Behavioral Science in Architecture: Overview and Introduction.”

One of the purposes of the course and lecture series is to collect technical papers useful to the field.

Please return the postcard insert today!
We need to know if you want New Mexico Architecture Magazine.
YOU SAVE WITH NEW
Spectra-Glaze
GLAZED BLOCK WALLS

Marble
Quarry Tile
Monarch Tile
Terrazzo Floors
Dex O Tex Floors

New Mexico Marble & Tile Inc.

2500 2nd SW
P.O. Box 25566
Albuquerque, NM 87125
(505) 243-1771

763 Cerrillos Rd.
Santa Fe, NM 87501
(800) 432-8655

CONSTRUCTION — Build and finish in one operation...
walls go up faster — one trade, large units lay
up fast... thru-wall load bearing units eliminate
expense of back up wall.

MAINTENANCE — No refurbishing ever. Permanent,
sanitary, factory finish — cannot peel or blister...
easy to clean and keep clean.

ENERGY — Excellent U-factors with lightweight block
and insulating granular fill.

INSURANCE — Maximum security and protection at
lowest cost, with fire-rated walls.

GOVT REQUIREMENTS — Meet USDA and OSHA
specifications for health, sanitation and safety.

FEATHERLITE BLOCK CO., Box 489, Lubbock, TX 79408
806-763-8202
FEATHERLITE BUILDING PRODUCTS CO., Box 9977, El Paso, TX 79990
915-859-9171
CREGO BLOCK CO., INC., 6026 2nd St. NW, Albuquerque NM 87107
505-344-3475

YOU SAVE TIME / YOU SAVE MONEY
WITH THE ECONOMY OF BLOCK & THE PERFORMANCE OF GLAZE

Whatever the Job

...We've Got Your Light.

Custom designed lighting fixtures designed to
your job specifications. Chandeliers, wall
brackets, pendants and table lamps with
Southwestern flair. Over 50 styles, designs and
colors to choose from.

YANKEE DOODLE DANDEE PRODUCTS
4001 Osuna Rd. N.E. Albuquerque, NM 87109
(505) 345-8668

612 CENTRAL S.W.
ALBUQUERQUE, NEW MEXICO 87102

abi interiors

612 CENTRAL S.W.
ALBUQUERQUE, NEW MEXICO 87102

PROFESSIONAL
DESIGN SERVICE
COMMERCIAL
FINISHINGS
LANDSCAPE
SYSTEMS
LIGHTING
ACCESSORIES
CARPETING
AIA WESTERN MOUNTAIN REGION CONFERENCE AWARDS SANTA FE NEW MEXICO 1978

JURORS:

DESIGN AWARDS:
Carl Gros, A.I.A.
architect
Eleonore Caponigro
artist, graphic designer
Richard Grenfell, A.I.A.
architect

PLANNING PROJECTS:
Dean Gustavson, F.A.I.A.
architect
Sam Pool, A.I.A.
architect

HONOR AWARD
LANDING GEAR OVERHAUL FACILITY
Salt Lake City, Utah
Architect: Utah - Pacific Architects & Engineers
Client: United State Air Force
Jury Comment:
"A large-scale industrial type building made handsome by expressing its substantial structural components, and its integrated use of color as both a functional and structural code system for the building."

HONOR AWARD
VO-AG FACILITIES
Las Vegas, New Mexico
Architect: James N. Rowland, AIA
Client: Luna Vocational Technical Institute
Jury Comment:
"A group of economic and energy conserving buildings, lively yet modest in character, having a design vernacular that appears most appropriate to the project's purpose and setting."
HONOR AWARD
A DESERT DWELLING
Pinnacle Peak, Arizona
Architect: Edward B. Sawyer, Jr., AIA
Client: Fred and Donna Corbus
Jury Comment:
"A beautifully sited and detailed owner-built structure which uses the natural environment to form and define varied living experiences."

HONOR AWARD
DOWNTOWN BOULDER MALL
Boulder, Colorado
Mall Design Team: Everett, Zeigel, Tumpes & Hand, Architects; Sasaki Associates, Planning & Landscape Architecture
Client: City of Boulder, Colorado
Jury Comment:
"A vehicular way re-cycled to a space for pedestrian use resulting in unifying as well as enhancing the environmental quality and economic base for the city of Boulder."
HONOR AWARD

VISUAL ARTS BUILDING
Fort Collins, Colorado
Architect: Muchow Associates
Client: Colorado State University

Jury Comment:
"A building designed as a series of modular elements, creating a beautiful environmental identity on the campus while providing spaces that would not functionally or visually inhibit the users."

MERIT AWARDS:

RESIDENCE FOR MR. & MRS. GEORGE CHANT
Albuquerque, New Mexico
Architect: Antoine Predock
Photography by: Joshua Freiwald

Jury Comment:
"A house for a large family including requirements for a swimming pool and tennis court on a limited urban site which successfully resolves external and internal privacy and activity needs within the context of a creative regional design expression."
GRAND AVENUE MOTOR BANK
Albuquerque, New Mexico
Architect: Harvey S. Hoshour, Ltd., Architect
Client: First National Bank in Albuquerque
Jury Comment:
"An innovative design solution for an evolving new building type whose simplicity of form provides a welcome relief from the street's existing visual clutter."

ACOMA - LAGUNA - CAÑONCITO INDIAN HEALTH FACILITY
Acomita, New Mexico
Architects: Stevens, Mallory, Pearl & Campbell
Client: Department of Health, Education and Welfare
Jury Comment:
"A health care facility whose exterior form is an integrated expression of its solar heating & cooling system while other elements attempt to soften the institutional functions often foreign to the people served."
AZTEC
MEANS...
ONE STOP
FLOOR COVERINGS

IMPORTED CERAMIC TILES
Italian, German, Japanese,
Mexican-glazed and unglazed
quarri

CARPET
Full line of residential,
commercial and kitchen
carpets — Oriental rugs,
runners and area rugs

SHEET VINYL
Armstrong, Mannington,
Congoleum, GAF

WALL PAPER
Over 200 books in stock

DISTRIBUTORS OF
CORK-O-PLAST

DECORATIVE
CONSULTANTS
AVAILABLE

CHURCH OF THE HOLY REDEEMER
Denver, Colorado
Architect: Childress, Livaudais, Architects
Client: Rev. Richard Kerr, Judd Hart, Building Committee
Chairman
Jury Comment:
"A most sympathetic Architectural rehabilitation of existing
facilities as well as an addition to accomplish structural
as well as social re-cycling for the parish involved."

SYNAGOGUE FOR CONGREGATION KROL AMI
Salt Lake City, Utah
Architect: Brixen & Christopher Architects
Client: Congregation Krol Ami
Jury Comment:
"A pleasing massing of earth and building forms providing
considerable internal flexibility in response to functional
requirements."

NATIONAL STATE BANK PLAZA
Boulder, Colorado
Architect: Everett, Zeigel, Tumpes & Hand, Architects
Client: The National State Bank of Boulder
Jury Comment:
"A sensitive restoration of the existing structure as well as
a continuous addition of contemporary design which is
sympathetic to the existing structure."

WYOMING STATE MEDICAL SOCIETY OFFICE
BUILDING
Cheyenne, Wyoming
Architect: Freed, Blackwell & McConnell
Client: Bob Smith
Jury Comment:
"An office building which successfully blends with its
residential scale environs while creating a variety of appeal-
ing interior spaces."

The following architectural firms were awarded for their
entries in urban design and programming reports.

PLANNING PROJECTS—HONOR AWARDS

MESA TOWN CENTER
Mesa, Arizona
Gwirey, Srika, Arnold & Sprinkle, Architects/Planners,
Phoenix, Arizona

DOWNTOWN TURNAROUND
Arvada, Colorado
Looney Wadman Associates, Architects/Planners, Boulder,
Colorado

TUSCON PUBLIC LIBRARY
Tuscon, Arizona
Architecture One Ltd., Tuscon, Arizona

CANYON DEL ORO HIGH SCHOOL
Architecture One Ltd., Tuscon, Arizona
Another building, another boost for the Trus Joist system.

Baker Construction Co. of Albuquerque is no stranger to Trus Joist. When architect John Reed called on us to supply a system for the Geology/Engineering Bldg. for Ranchers Exploration and Development Corp. Les Baker was pleased. Upon completion of the Trus Joist installation he told us:

"...we found the use of TJI units as efficient and economical as ever. As one of the first users of Trus Joist units in this area, we have been, and will continue to be one of their boosters."

If you want to see how easy and economical joist application can be, see us soon. We've got exactly what you're looking for.

In Albuquerque, call
McGill Stephens, Inc.,
300 Virginia SE
Albuquerque 87108
Phone (505) / 265-5935

In El Paso, call
McGill Stephens, Inc.,
4100 Rio Bravo St.,
Suite 320, El Paso 79902,
Phone 915/544-4505

Don't let this happen to your projects!

Let us help you with your building materials specifications

OPENING JANUARY 1979 IN SANTA FE
1137 Siler Road • (505) 471-7474

Stocking distributors for:
United States Gypsum
Johns Manville
Gold Bond Building Products
GIL (Glasweld)
Wheeling Steel Co.
Western Metal Lath
Angeles Metals
Buildex Fasteners
Fry Reglet Co.
American Olean Tile
Metropolitan Ceramics
El Rey Stucco
and dozens more.

L/P
LATH/PLASTER
SUPPLY CO., INC.
New Mexico's only exclusive Artic Materials
and Related Operations Distributor

4216 Edith Boulevard N.E.
Albuquerque, New Mexico 87107
505-345-8451

WE'RE KNOWN FOR THE COMPANIES WE KEEP

Don't let this happen to your projects!

Let us help you with your building materials specifications

OPENING JANUARY 1979 IN SANTA FE
1137 Siler Road • (505) 471-7474

Stocking distributors for:
United States Gypsum
Johns Manville
Gold Bond Building Products
GIL (Glasweld)
Wheeling Steel Co.
Western Metal Lath
Angeles Metals
Buildex Fasteners
Fry Reglet Co.
American Olean Tile
Metropolitan Ceramics
El Rey Stucco
and dozens more.

L/P
LATH/PLASTER
SUPPLY CO., INC.
New Mexico's only exclusive Artic Materials
and Related Operations Distributor

4216 Edith Boulevard N.E.
Albuquerque, New Mexico 87107
505-345-8451

WE'RE KNOWN FOR THE COMPANIES WE KEEP

Banks
First National Bank - Farmington, NM
Architect Seraveuse Lueder Denver
Sandia Savings - Rio Rancho
Architect G. Stanton Mason Albuquerque
Sandia Savings - Academy,
Architect G. Stanton Mason Albuquerque

Schools
New Mexico State University - Carlsbad
Architect Kern Smith - Durham & Associates Carlsbad
University of Texas El Paso
Administrative Office
Architect Fouts Lampford Gomez Moore In C. El Paso

Libraries
Library - Jil NM
Architect Dean & Hunt Associates Albuquerque

Department of Energy
Office Building for EGS (Elko Falls)
Architect Flitow Moore Bryan & Associates Albuquerque NM
High Energy Laser Facility - Los Alamos
Architect Normen Engineering - Los Angeles, CA

Optics Evaluation Laboratory & High Voltage Development Laboratory - Los Alamos NM
Architect Kruger Lake Hutchinson Brown Albuquerque NM

TDF Warehouse & Staging Area Waste Management - Los Alamos NM
Architect Gordon Hessenhoff & Associates Albuquerque NM

Motels
Embassy Motel - Abilene Texas
Embassy Hotel Rich Springs Mo
Hondo Inn - Grants NM
Architect Lunden & Associates. Austin Casa Cordova - Santa Rosa NM
Architect James N Rowland Albuquerque NM

Hospitals
Midland Memorial Hospital - Midland TX
Architect Flitow Moore Bryan & Associates Albuquerque NM

Mesa Lutheran - Mesa Arizona
Architect Kibbey Hickman & Schauer - Mesa Arizona

Gerald Champion Memorial Hospital - Albuquerque NM
Architect Flitow Moore Bryan & Associates Albuquerque NM

Eastern Virginia Hospital - Botetourt VA
Architect Flitow Moore Bryan & Associates Albuquerque NM
San Juan County Hospital - Farmington NM
Architect Flitow Moore Bryan & Associates Albuquerque NM

Eastern New Mexico Roswell Hospital
Architect Flitow Moore Bryan & Associates Albuquerque NM

Ann Russell Hospital - Roswell NM
Architect Flitow Moore Bryan & Associates Albuquerque NM

Santa Fe Medical Office Building
Architect Flitow Moore Bryan & Associates Albuquerque NM

Public Service Company of New Mexico
Architect Flitow Moore Bryan & Associates Albuquerque NM

Churches
Sierra Vista Christian Church - Albuquerque NM

St. Elizabeth Parish - Lubbock Texas
Architect Paul M. Deerey Fort Worth TX

Pre-Fabricated Metal Buildings
Navajo Engineering & Construction Authority - Shiprock NM
Architect McHugh Wherrett Architects - Santa Fe, NM

The Saint German Society - Albuquerque NM
Architect Design Building Management Group Albuquerque NM

Industrial Arts Building - Springer High School - Springer NM
Architect Dura-Bilt Products Inc. Albuquerque NM

Housing
Dave Kick Home - Los Alamos NM
Architect Chester Los Alamos NM
40 Housing Units for Elderly - Los Alamos NM
Architect William G. Barber Associates Albuquerque NM

Prefabricated and field applied Dryvit exterior wall insulation and finish system.

920 First St. NW/P.O. Box 25105/Albuquerque, NM 87125/505-243-7867
Our system is recognized by agencies and code approvals.
CAPSHAW JUNIOR HIGH SCHOOL  
SANTA FE, N.M.

The Capshaw Junior High School in Santa Fe consists of seven architectural precast buildings, plus connecting mall and portal areas.

The inexpensive Double Tee was the major element used. Exterior wall texture was achieved by integrally casting a striated raked finish.

Architect: Philippe Register & Associates  
Structural Engineer: Robert D. Krause Engineering Co.  
Contractor: Colton Construction Co.