Quality built of fire-safe concrete  
...and designed for the future

The Brownsville Road Elementary School in Memphis, Tennessee, demonstrates again the additional advantages afforded by concrete in meeting the basic criteria for modern school construction.

The design of the building allows versatility in classroom layout and, even more important, provides for future enrollment needs. It can be expanded from any of its entries, thus permitting the addition of as many as four wings.

Among the concrete uses in the building are reinforced frame, floor, and roof, plus concrete masonry for partitions and backup walls.

Here again, concrete provides high esthetic values, durability, maximum fire safety, and low cost. The $10.54 per-square-foot cost of the Brownsville Road School even includes air conditioning.

Communities everywhere are finding that versatile concrete is the one construction material that can provide the complete instructional vehicle necessary to meet modern educational standards.
nma

vol. 9 • nos. 3 and 4 • march - april 1967 • new mexico architecture

Roster—New Mexico Society of Architects
American Institute of Architects 7

Interior Design '67 14

Roster—New Mexico Chapter
American Institute of Interior Designers 15

Long Range Campus Planning
—Don P. Schlegel 17

Book Review
"Old Santa Fe Today" 23

(Cover — Jean Rodgers Oliver)

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

Society Officers
President—Robert Mallory
Vice-President—Kenneth Clark
Secretary-Treasurer—Beryl Durham
Director—Van Dorn Hooker
Director—Albert S. Merker
Director—James Murray
Director—Don L. Oschwald
Director—John Reed
Director—James Voll

Commission for NMA
Bainbridge Bunting
Co-Editors
John P. Conron
W. M. Brittelle, Sr.—Advertising
Van Dorn Hooker—Circulation
Albert Merker
Robert Mallory
John McHugh
James Murray
John B. Reed

Printed by: Hall-Poorbaugh Press, Inc.
Roswell, New Mexico
BRAND NAMES that you can TRUST

- Quality Decorative Hardware
- American Standard
- Rockford Doors
- Weyerhaeuser Wood Products
- Schlage
- Tappan

SEE OUR COMPLETE DISPLAYS

ALBUQUERQUE Lumber COMPANY 1967

1881

3825 Edith, N.E. Phone 345-2511

WORKING FOR:
An improved business climate in the New Mexico Construction Industry

W. D. Ross
Executive Director

205 Truman N.E.
Albuquerque, New Mexico 87108

Design Interiors

Complete Design Service

★ Office Furnishings
★ Contract Sales
★ Color Co-ordination
★ Draperies, Carpeting, Accessories

Professional Design Staff

3 Locations to Serve You

THE PAPER MILL, Inc.
132 W. Las Cruces Ave.
LAS CRUCES, N. M.

DESIGN INTERIORS
120 Morningside, S.E.
ALBUQUERQUE, N. M.

THE INK WELL, Inc.
314 Ninth Street
ALAMOGORDO, N. M.

Expert Printers and Modern Equipment Produce
High Quality Printing.

serving modern-minded business organizations
for over half a century.

Hall-Poorbaugh Press INCORPORATED

P. O. BOX 1915
ROSWELL, NEW MEXICO 88201

PHONE 622-2442
BUILDERS
INTERIORS

Serving Southwestern New Mexico and El Paso with
Quality Concrete Masonry Products
and many allied building materials

Hollow Metal Doors and Frames
Wood and Plastic Folding Doors
Commercial Hardware
Reinforcing and Fabricated Steel
Residential and Commercial Steel and Aluminum Windows

Builders Block & Stone Co., Inc. Builders Block & Supply Co., Inc.
P. O. Box 1633 Roswell El Paso
622-1321 532-9695

P. O. Drawer FF Las Cruces
524-3633

Members of New Mexico Concrete Masonry Assn. and National Concrete Masonry Assn.

Dependable Cooling?
if you want the job done right
...do it with gas

SOUTHERN UNION GAS COMPANY

NMA March - April 1967
Only electric heat will give your clients the measure of selectivity they demand in a new house or apartment. Flameless electric gives the exact heat desired... when and where it is wanted... even individual control from room to room.

Flameless electric heat cuts maintenance, eliminates wasted space, minimizes cleaning, eliminates noise, gives individual room control.

Choose the type installation that best suits your project: ceiling cable, baseboard units, wall panel heaters, electric furnace, heat pumps.

Call Ray Shoults at 243-7871

Public Service Company of New Mexico for more details on flameless electric heat.

La Puerta con Postigo

Here is a door that allows security against uninvited guests. The inner door or postigo may be opened without opening the main door when answering the door. An added attraction is the elimination of the need for a screen door.

Southwest Spanish Craftsmen Inc.
412 La Madera St., P.O. Box 1805
Santa Fe, New Mexico 87501
The New Mexico Society of Architects

President .................. Robert G. Mallory
Vice-President ............... Kenneth S. Clark
Secretary-Treasurer .......... Beryl Durham
Director ..................... Van Dorn Hooker
Director ................. Albert S. Merker

ALBUQUERQUE CHAPTER, A.I.A.

President .................. John B. Reed
Vice-President ............... Robert G. Mallory
Secretary .................. Van Dorn Hooker
Treasurer .................. John J. Heimerich

Director .................. Joseph F. Boehning
Director .................. Arthur W. Dekker
Director .................. Ernest L. Pogue

Corporate Members

Andrews, Craig G.
3416 Sierra Dr., N.E.
Albuquerque 87110

Biddle, Robert G.
414 San Mateo Blvd., N.E.
Albuquerque 87108

Boehning, Joseph F.
1843 Lomos Blvd., N.E.
Albuquerque 87106

Brittelle, W. Miles, Jr.
115 2nd St., S.W., Suite 200
Albuquerque 87101

Bryan, Garlan D.
5301 Central Ave., N.E. #1600
Albuquerque 87108

Buffington, George
9412 Indian School Rd., N.E.
Albuquerque 87112

Burk, William E., Jr.
512 Yale Blvd., S.E.
Albuquerque 87106

Burwinkle, Joseph B., Sr.
2602 Central Ave., S.E.
Albuquerque 87106

Byrn, Nanelou Blair
1535 San Lorenzo Ave., N.W.
Albuquerque 87107

Campbell, Douglas A.
3500 Indian School Rd., N.E.
Albuquerque 87106

Cushing, J. R., Sr.
524 Pueblo Solano Rd., N.W.
Albuquerque 87107

Dekker, Arthur W.
207 San Pedro Dr., N.E.
Albuquerque 87108

Fairburn, Robert W.
5301 Central Ave., N.E. #1600
Albuquerque 87108

Ferguson, Gordon B.
115 Amherst Dr., S.E.
Albuquerque 87106

Fickel, Jack E.
Land Mark Building #102
6303 Indian School Rd., N.E.
Albuquerque 87110

Flatow, Max
5301 Central Ave., N.E. #1600
Albuquerque 87108

Garcia, Lawrence A.
Bank of New Mexico #612
Albuquerque 87101

Gathman, Walter A.
230 Truman St., N.E.
Albuquerque 87106

Ginn, Ronald E.
1812 Girard Blvd., N.E.
Albuquerque 87106

Grace, Mary Louise
518 Aliso Dr., S.E.
Albuquerque 87108

Heimerich, John J.
Dept. of Arch., U.N.M.
Albuquerque 87106

Henderson, Henry
601 San Pedro Dr., N.E. #37
Albuquerque 87108

Hesselden, Louis G.
213 Fourth St., S.W.
Albuquerque 87101

Hill, John Jay
7831 Marble Ave., N.E.
Albuquerque 87104

Hooker, Van Dorn
Box 18, University Station
Albuquerque 87106

Hoshour, Harvey S.
Sims Bldg., #513
Albuquerque 87101

NMA March - April 1967
always ask for
the BEST ... ask for...

For saving time and money on construction jobs—specify Atlas prestressed structural concrete . . . double "T's", single "T's", beams, piling and special made-to-order prestressed and precast units.

WRITE OR CALL: BOYCE PALMORE, P.E.
BOX 9977, EL PASO, TEXAS 79990
TELEPHONE 915 772-3248
Krueger, Robert H.  
2928 Avenida Nevada N.E.
Albuquerque 87110

Lake, Gerald H.  
601 San Pedro Dr., N.E.
Albuquerque 87108

Liberty, James S.  
6033 Indian School Rd., N.E.
Albuquerque 87110

Mallory, Robert G.  
115 Amherst Dr., S.E.
Albuquerque 87106

Milner, Richard P.  
616 Central Ave., S.E.
Albuquerque 87101

Moore, Jason P.  
5301 Central Ave., N.E. #1600
Albuquerque 87108

Neuner, August A.  
120 Vassar Dr., S.E.
Albuquerque 87106

Pacheco, Jesse A., Jr.  
617 San Mateo Blvd., N.E.
Albuquerque 87108

Pearl, George C.  
115 Amherst Dr., S.E.
Albuquerque 87106

Pogue, Ernest L.  
424 Sycamore St., N.E.
Albuquerque 87106

Quinlan, Charles W.  
3218 Silver Ave., S.E.
Albuquerque 87106

Reed, John B.  
5909 Marble Ave., N.E.
Albuquerque 87110

Riley, Robert B.  
8612 Jaffa Rd., N.E.
Albuquerque 87112

Rowland, James N.  
1412 Tomasita St., N.E.
Albuquerque 87112

Schlegel, Donald P.  
1712 Ridgecrest Dr., S.E.
Albuquerque 87108

Sellies, Melvin M.  
3050 S. Buchanan St., C-1
Arlington 6, Virginia 22206

Shelton, Bill J.  
117 Jefferson St., N.E.
Albuquerque 87108

Springman, Raymond R.  
4414 Avenida Del Sol, N.E.
Albuquerque 87110

van der Meer, Wybe J.  
2602 Central Ave., S.E.
Albuquerque 87106

Varsa, John P.  
1500 Carlisle Blvd., S.E.
Albuquerque 87106

Vogt, Leon O.  
2949 Wisconsin St., N.E.
Albuquerque 87110

Walters, Robert C.  
1801 Lomas Blvd., N.W.
Albuquerque 87104

Wendell, Wallace A.  
1707 Tomasita St., N.E.
Albuquerque 87112

Wilson, William H.  
414 San Mateo Blvd., N.E.
Albuquerque 87108

Wright, George S.  
2018 Cool Ave., S.E.
Albuquerque 87106

Wynn, George  
833 San Pedro Dr., S.E.
Albuquerque 87108

Printz, Earl, Jr.  
601 San Pedro Dr., N.E.
Albuquerque 87108

Rippel, Morris C.  
1317 Florida St., N.E.
Albuquerque 87110

Shaffer, Donald M.  
423 Mesilla St., S.E. #A
Albuquerque 87108

Riley, Robert B.  
8612 Jaffa Rd., N.E.
Albuquerque 87112

Wright, George S.  
2018 Cool Ave., S.E.
Albuquerque 87106

Printz, Earl, Jr.  
601 San Pedro Dr., N.E.
Albuquerque 87108

Rippel, Morris C.  
1317 Florida St., N.E.
Albuquerque 87110

Shaffer, Donald M.  
423 Mesilla St., S.E. #A
Albuquerque 87108

Lake, Gerald H.  
601 San Pedro Dr., N.E.
Albuquerque 87108

Liberty, James S.  
6033 Indian School Rd., N.E.
Albuquerque 87110

Mallory, Robert G.  
115 Amherst Dr., S.E.
Albuquerque 87106

Milner, Richard P.  
616 Central Ave., S.E.
Albuquerque 87101

Moore, Jason P.  
5301 Central Ave., N.E. #1600
Albuquerque 87108

Neuner, August A.  
120 Vassar Dr., S.E.
Albuquerque 87106

Pacheco, Jesse A., Jr.  
617 San Mateo Blvd., N.E.
Albuquerque 87108

Pearl, George C.  
115 Amherst Dr., S.E.
Albuquerque 87106

Pogue, Ernest L.  
424 Sycamore St., N.E.
Albuquerque 87106

Quinlan, Charles W.  
3218 Silver Ave., S.E.
Albuquerque 87106

Reed, John B.  
5909 Marble Ave., N.E.
Albuquerque 87110

Riley, Robert B.  
8612 Jaffa Rd., N.E.
Albuquerque 87112

Rowland, James N.  
1412 Tomasita St., N.E.
Albuquerque 87112

Schlegel, Donald P.  
1712 Ridgecrest Dr., S.E.
Albuquerque 87108

Sellies, Melvin M.  
3050 S. Buchanan St., C-1
Arlington 6, Virginia 22206

Shelton, Bill J.  
117 Jefferson St., N.E.
Albuquerque 87108

Springman, Raymond R.  
4414 Avenida Del Sol, N.E.
Albuquerque 87110

van der Meer, Wybe J.  
2602 Central Ave., S.E.
Albuquerque 87106

Varsa, John P.  
1500 Carlisle Blvd., S.E.
Albuquerque 87106

Vogt, Leon O.  
2949 Wisconsin St., N.E.
Albuquerque 87110

Walters, Robert C.  
1801 Lomas Blvd., N.W.
Albuquerque 87104

Wendell, Wallace A.  
1707 Tomasita St., N.E.
Albuquerque 87112

Wilson, William H.  
414 San Mateo Blvd., N.E.
Albuquerque 87108

Wright, George S.  
2018 Cool Ave., S.E.
Albuquerque 87106

Printz, Earl, Jr.  
601 San Pedro Dr., N.E.
Albuquerque 87108

Rippel, Morris C.  
1317 Florida St., N.E.
Albuquerque 87110

Shaffer, Donald M.  
423 Mesilla St., S.E. #A
Albuquerque 87108

Lake, Gerald H.  
601 San Pedro Dr., N.E.
Albuquerque 87108

Liberty, James S.  
6033 Indian School Rd., N.E.
Albuquerque 87110

Mallory, Robert G.  
115 Amherst Dr., S.E.
Albuquerque 87106

Milner, Richard P.  
616 Central Ave., S.E.
Albuquerque 87101

Moore, Jason P.  
5301 Central Ave., N.E. #1600
Albuquerque 87108

Neuner, August A.  
120 Vassar Dr., S.E.
Albuquerque 87106

Pacheco, Jesse A., Jr.  
617 San Mateo Blvd., N.E.
Albuquerque 87108

Pearl, George C.  
115 Amherst Dr., S.E.
Albuquerque 87106

Pogue, Ernest L.  
424 Sycamore St., N.E.
Albuquerque 87106

Quinlan, Charles W.  
3218 Silver Ave., S.E.
Albuquerque 87106

Reed, John B.  
5909 Marble Ave., N.E.
Albuquerque 87110

Riley, Robert B.  
8612 Jaffa Rd., N.E.
Albuquerque 87112

Rowland, James N.  
1412 Tomasita St., N.E.
Albuquerque 87112

Schlegel, Donald P.  
1712 Ridgecrest Dr., S.E.
Albuquerque 87108

Sellies, Melvin M.  
3050 S. Buchanan St., C-1
Arlington 6, Virginia 22206

Shelton, Bill J.  
117 Jefferson St., N.E.
Albuquerque 87108

Springman, Raymond R.  
4414 Avenida Del Sol, N.E.
Albuquerque 87110

van der Meer, Wybe J.  
2602 Central Ave., S.E.
Albuquerque 87106

Varsa, John P.  
1500 Carlisle Blvd., S.E.
Albuquerque 87106

Vogt, Leon O.  
2949 Wisconsin St., N.E.
Albuquerque 87110

Walters, Robert C.  
1801 Lomas Blvd., N.W.
Albuquerque 87104

Wendell, Wallace A.  
1707 Tomasita St., N.E.
Albuquerque 87112

Wilson, William H.  
414 San Mateo Blvd., N.E.
Albuquerque 87108

Helfrich, William H.  
1028 San Mateo Blvd., S.E.
Albuquerque 87108

Camillo, Roger G.  
2128-A, Cambridge Ave., S.E.
Albuquerque 87106

NMA March - April 1967
Elegance

is radiated in carved wood by Customwood. Expressively designed in the finest grains of hardwood. Customwood panels, grilles and doors are the focal point of any interior. Write for your personal catalog, price list and samples.

Customwood
MANUFACTURING COMPANY
3620 High Street, N.E.
Albuquerque, New Mexico
87107

See SWEETS 1967 2C/CU
(1966 5C/CU)
Cavett, Peggy
1414 Tijeros Ave., N.E.
Albuquerque 87106

Cornwell, Allen B., Jr.
817 Gold Ave., S.W. Apt. 2
Albuquerque 87102

Crawford, Dale L.
329 Mankin N.E.
Albuquerque 87112

DelMastro, Mike
2613 Colorado Court, N.E.
Albuquerque 87110

Dick, Deryl E.
3817 Delomor Ave., N.E.
Albuquerque 87111

Gafford, William R.
7112 Edwina Ct., N.E.
Albuquerque 87110

Graham, Channell
617 San Mateo Blvd., N.E.
Albuquerque 87108

Hebert, James H.
828 California St., S.E.
Albuquerque 87108

Holmes, Jess T., Jr.
620-B, Madison St., N.E.
Albuquerque 87110

Innis, James H.
1517 Girard Blvd., N.E.
Albuquerque 87106

Langseth, Bernard V.
P.O. Box 734
Albuquerque 87103

Matthews, Arthur L.
1012 Bryn Mawr Dr., N.E.
Albuquerque 87106

McKinley, John C.
2901 Graceland Dr., N.E.
Albuquerque 87110

McManis, Lawrence
26 Oxford Drive
Lompoc, California 93436

Menyhert, Louis
P. O. Box 313
Albuquerque 87103

Myers, Edward L.
2911 Broadway, N.E.
Albuquerque 87107

Norris, Frank F.
1021 Girard Blvd., N.E.
Albuquerque 87106

O’Brien, Ray
3607 San Pedro Dr., N.E.
Albuquerque 87108

Quint, Richard N.
1512 Cerro Vista Rd., S.W.
Albuquerque 87105

Richards, Harlow S.
619 Bryn Mawr Dr., N.E.
Albuquerque 87106

Rocheleau, Robert L.
9715 Euclid Ave., N.E.
Albuquerque 87112

Staples, Calvin E.
866 Hemlock Way
Bloomfield, Colorado 80020

Stubbs, Frank R.
1024 Washington St., S.E.
Albuquerque 87108

Torr, Jerry C.
2722 Dallas St., N.E.
Albuquerque 87110

Torres, Robert L.
5716 Fairfax Dr., N.W.
Albuquerque 87114

Vreeland, Thomas R., Jr.
1020 Greenvalley Rd., N.W.
Albuquerque 87107

Weller, Louis L.
1015 Columbia Dr., N.E.
Albuquerque 87106

Wood, Arthur L.
1316 Truman St., S.E.
Albuquerque 87108

Gofford, William R.
7112 Edvino Ct., N.E.
Albuquerque 87110

McHugh, John W.
717 Canyon Road
Albuquerque 87110

Meem, John Gaw, FAIA
P. O. Box 935

Moore, John A.
1528 Morning Dr., N.E.
Albuquerque 87108

SANTA FE CHAPTER, A.I.A.

(Area Code: Santa Fe 87501)

President .................. Albert S. Merker
Vice-President ............. Richard S. Clark
Sec.-Treas. ................. Charles R. Lugton
Director ............ Kenneth S. Clark, FAIA
Director ............... Donald L. A. Oschwald

Fellows AIA

Clark, Kenneth S. FAIA
208 Delgado St.

Kidder, Bradley P., FAIA
900 East Garcia St.

Meem, John Gaw, FAIA
P. O. Box 1924

Corporate Members

Aarrison, John B.
111 Camino De Las Crucitas

Brunet, James A.
784 Camino del Monte Sol

Buckley, W. R.
P.O. Box 668

Clark, Richard S.
717 Canyon Road

Conron, John P.
P.O. Box 935

Girard, A. H.
P. O. Box 707

Groef, Robert
1110 Old Pecos Road

Holien, Edward O.
P. O. Box 668

Hyatt, Foster H.
1579 Canyon Road

Hyde, A. Leicester
1122 Superior
Lincoln, Nebraska 68521

Merker, Albert S.
1109 San Felipe

Millington, Alfred R.
Route 3, Box 58

Graham, Channell
617 San Mateo Blvd., N.E.
Albuquerque 87108

McManis, Lawrence
26 Oxford Drive
Lompoc, California 93436

NMA March - April 1967

11
Who Cares Who Raises The Roof?

You do, if you want a good one! The quality of workmanship you get on your job is just as important as the quality of materials. Specify ZONOLITE® VERMICULITE INSULATING CONCRETE by approved Zonolite Applicators. Get years of trouble-free service with an effective heat barrier of the "U" value you specify, and flexibility of construction that allows it to conform to any size, shape or contour. This lightweight economical material weighs just $\frac{1}{6}$ as much as structural concrete, yet makes a permanent, rot-proof, fireproof roof deck, poured all in one piece so there are no seams to caulk.

Approved Zonolite Applicators observe strict quality control, following rigid industry standards. Upon completion of your roof you get a certificate signed by the applicator and by Zonolite that your concrete was mixed and applied as specified.

Avoid the risk of substandard materials and workmanship. On your next job specify a roof deck of Zonolite Vermiculite Concrete — by an approved Zonolite Applicator.

Before you get to Blueprints...

we can help you give your client an extra service (and at no extra cost)

Just ask our Communications Consultant to drop by. He can help you provide facilities for communications that will keep pace with growth.

At no cost, he'll be happy to take your building plan, provide a schematic for your building's entire communications system, and deliver it to you to make it a part of your complete plan.

At the planning stage, he can show you how you can save the extra costs and delays that can crop up by waiting to plan communications after construction has begun.

Just call our Business Office and ask for our Communications Consultant. There's no obligation, of course.

ZONOLITE® GRACE
Zonolite Division, W. R. Grace & Co.
Southwest Vermiculite Co.
5119 Edith Blvd. N.W., Albuquerque, N. M.
345-1633

Mountain States Telephone
NEW MEXICO SOUTHERN CHAPTER, A.I.A.

President .................. Jim Murray
Vice-President .......... Loren E. Mastin
Secretary-Treasurer .... Craig Protz
Director ................. G. Jerome Hartger
Director ................ Beryl Durham

Corporate Members

Burron, James A., Jr. P. O. Box 1123 Clovis, New Mexico 88101

Durham, Beryl 514 North Canal Carlsbad, New Mexico 88220

Dysart, Cabot P. O. Box 547 Roswell, New Mexico 88201

French, Edwin C. P. O. Box 237 Roswell, New Mexico 88201

Gorrell, Arthur A., Jr. 510 West Fox Carlsbad, New Mexico 88220

Harris, Wilbur T. P. O. Drawer H Hobbs, New Mexico 88201

Hartger, G. Jerome 1222 Barker Road Las Cruces, New Mexico 88001

Mastin, Loren E. On The Plaza Mesilla, New Mexico 88046

Murray, Jim South Broadmoor Building Hobbs, New Mexico 88240

Nolan, Charles 1510 Indian Wells Road Alamogordo, New Mexico 88310

Pendleton, Warren F. 111 East 14th Clovis, New Mexico 88101

Protz, Craig 123 West Walnut St. Roswell, New Mexico 88201

Rowland, Hugh P. O. Box 932 Roswell, New Mexico 88201

Smith, W. Kern 514 North Canal Carlsbad, New Mexico 88220

Standhardt, Frank M. P. O. Box 1574 Roswell, New Mexico 88201

Voll, H. James Suite 300 Monterey Center Roswell, New Mexico 88201

Wham, R. L. P. O. Box 672 Hobbs, New Mexico 88240

Associate Members

Ball, Robert J. 525 College Place Las Cruces, New Mexico 88001

Brown, William D. L. 2307 North Texas Roswell, New Mexico 88201

Burkstaller, William E. P. O. Box 932 Roswell, New Mexico 88201

Caruthers, Raymond 405 North Elm Roswell, New Mexico 88201

Dorsey, Duane 845 El Paseo Las Cruces, New Mexico 88001

Giegling, Charles O., Jr. 826 West Iron Hobbs, New Mexico 88240

Harry, Walter P. O. Box 932 Roswell, New Mexico 88201

Hefley, Frank 514 North Canal Carlsbad, New Mexico 88220

Heister, Ray Dean P. O. Box 932 Roswell, New Mexico 88201

Killian, Richard Lee 509 East Green Acres Hobbs, New Mexico 88240

NMA March - April 1967
INTERIOR DESIGN '67

A display of fifteen room settings by members of the New Mexico Chapter, AID at the Holiday Inn East, Albuquerque, N. M. February 8, 9, and 10, 1967. The very successful and colorful show was presented by Pi Beta Phi Alumnae Association for the benefit of the Casa Angelica Hospital.
New Mexico Chapter — — American Institute of Interior Designers

**President**
John P. Conron

**Vice President**
Mary H. Duncan

**Secretary**
J. Norman Rila

**Treasurer**
Carrie McCollough

**Board Member**
Lulu Ross

**Board Member**
Jo E. Huber

**Board Member**
Modesto Comeford

---

**Corporate Members**

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank S. Bowyer</td>
<td>Home Furnishing Co.</td>
</tr>
<tr>
<td>Eloisa Eckert Branch</td>
<td>Decor Interiors</td>
</tr>
<tr>
<td>Modesta E. Comeford</td>
<td>Modesta's</td>
</tr>
<tr>
<td>John P. Conron</td>
<td>The Centerline, Inc.</td>
</tr>
<tr>
<td>Jessie Cox</td>
<td>Jessie's Gifts &amp; Interiors</td>
</tr>
<tr>
<td>Mary H. Duncan</td>
<td>Eckert's</td>
</tr>
<tr>
<td>Ellen Fox</td>
<td>Ellen Fox Interiors</td>
</tr>
<tr>
<td>Paul G. Hill</td>
<td>W. C. Kruger &amp; Assoc.</td>
</tr>
<tr>
<td>Merritt W. Hoge</td>
<td>Modesta's</td>
</tr>
<tr>
<td>Jo Eckert Huber</td>
<td>Eckert's</td>
</tr>
</tbody>
</table>

**Affiliate Members**

<table>
<thead>
<tr>
<th>Name</th>
<th>Company/Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sharon C. Berry</td>
<td>Eckert's</td>
</tr>
<tr>
<td>Emily V. Zander</td>
<td>American Furniture Co.</td>
</tr>
<tr>
<td>Richard G. Worthen</td>
<td>American Furniture Co.</td>
</tr>
<tr>
<td>William Purdy</td>
<td>Purdy's Interiors</td>
</tr>
<tr>
<td>J. Norman Rila</td>
<td>Eckert's</td>
</tr>
<tr>
<td>Lulu S. Ross</td>
<td>Lulite Associates</td>
</tr>
<tr>
<td>Frank Woods</td>
<td>The Centerline, Inc.</td>
</tr>
<tr>
<td>Shirley Hamilton</td>
<td>The Paper Mill</td>
</tr>
</tbody>
</table>

**NMA March - April 1967**
1900 MENAUL ROAD N. E., ALBUQUERQUE, NEW MEXICO 87106

PRESTRESSED CONCRETE PRODUCTS, INC.
MANUFACTURERS OF ROOF AND FLOOR DECKS

THEY EXCEL IN
- ECONOMY
- PERMANENCY
- DURABILITY
- VERSATILITY
- FLEXIBILITY
and most important — FIRE RESISTANCE

(505) 345-2536

265-6966

FURNISH THE PRESENT AND FUTURE IN STYLE
3225 CENTRAL, EAST ALBUQUERQUE

BUILDERS and DECORATORS HARDWARE

Largest selection in the southwest.
20 different finishes

Come in, visit and linger in our show rooms.

BIG JO LUMBER CO. of Santa Fe
309 San Francisco St. Ph. 983-7395

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

NMA March - April 1967
LONG RANGE CAMPUS PLANNING,
THE UNIVERSITY OF NEW MEXICO'S NORTH CAMPUS

Don P. Schlegel, AIA,
a consultant to the
University Architect.

"It is a truism that a university is a society founded for the advancement of learning and the dissemination of knowledge. This means that it is constantly changing, always on its way, its work never completed. Departments expand, contract, quadruple in size, or virtually disappear within a few years, often in defiance of the most knowledgeable and expert forecasts. Every building and each layout so optimistically and thoroughly designed seems to become within a decade not only out of date but physically hampering to the future. Any attempt therefore, to construct its movement artificially, either academically or physically, seems doomed, and rightly doomed, to failure."—Casson and Conder, University of Birmingham Development Report (1958).

Historically, campus planning has consisted of arranging building shapes into a series of pleasing exterior spaces. The size and number of buildings were based on future predicted enrollments, class sizes, curricula, and teaching methods. The form was left to the discretion of the planner. In the United States, buildings were often grouped in a symmetrical manner, forming major and minor axes, creating great malls and vistas which were terminated by a library to indicate its major role in education and planning. These campuses were academic islands, rural in character, insulated, and uninvolved with the surrounding community.

The prototype of such planning appears to be Thomas Jefferson's master plan for the University of Virginia in 1825 which served as a model for several nineteenth century campus master plans in the United States. As one reviews these proposed plans in reference to the same campuses today, he soon realizes that the degree to which it was possible to follow a plan is directly related to the element of time: the viability of the plan is not a matter of practicality or aesthetic worth. When the proposed structures were built within a few years, the plan was adhered to, but as the time lag in construction increased, the plan became more difficult to follow. This short life span of a viable scheme is the problem that any master planner today must face.

Planners who try to control every building form and every space between buildings, or who attempt to predict future building requirements and sizes, should realize that their visual solutions will have little reality in a short period of time. Planning in this manner can only fail to meet the educational and practical demands of today's growing multi-university.

Today's planning must be viewed as moving toward goals rather than as establishing a vision of an ideal state. The planner's function is to collect data, analyze information, and point out directions and alternatives to assist the decision-making process. In this way principles can be formulated which will act as a guide in creating an environment for human life whose characteristics and aims are always changing. The challenge can only be met through a pragmatic planning process. As H. J. Blackham says in Political Discipline in a Free Society, "The plan initiates a course of action which produces events experienced by the agent, in the light of which he modifies the plan; so that, in a sequence of phases, the plan is continuously initiating action or being modified by the results of action; . . . (a continuous adjustment on the feed-back principle), but also a modification of the end in view, a revision of intention, a recasting of desires, a development in understanding."

This process has been adopted for the development of the University of New Mexico's North Campus Master Plan. It entails a systematic method for the collection, analysis, synthesis, and evaluation of data. The approach is derived from a series of recently published books and articles which are concerned with problem-solving methods borrowed from computer techniques and management theory as a basic tool for the assessment of design problems and the development of design solutions. (See list at end of article.)

**The Planning Method**

The difficulty in arriving at any solution is one of clearly defining the problem. Knowing what questions to ask and recognizing which areas demand further investigation is of paramount importance. The following outline indicates the steps followed in organizing and evaluating the basic problem and the various sub-problems. It indicates also how these
steps interlock and how each subsequent decision is dependent on a series of other decisions.

**Step 1.**
Analyze the campus by subdividing the problem into a series of systems. This is somewhat arbitrary, but it includes the areas necessary for thorough investigation of campus problems. The series are:

a. **Educational system.** This includes student education by professor, students, and machines — both individually and in groups.

b. **Research system.** This is the researcher’s quest for knowledge through people, animals, books, and machines.

c. **Social system.** This is the concern for private and public space that will generate social intercourse.

d. **Circulation system.** This is the requirement for pedestrian and vehicular connections between spaces.

e. **Service system.** This requirement provides for utilities, supplies, and maintenance services between spaces.

f. **Political system.** This is a knowledge of the decision-makers so that planning can be accomplished.

g. **Economic system.** This involves sources of income from foundations, state and federal agencies in order to relate cost to income.

h. **Physical system.** This is a study of all existing conditions within the site, and surrounding the site, that affect the planned area, (i.e. utility services, bus routes, street patterns, etc.).

**Step 2.**
Collect the data. Pertinent information must be gathered for each system. Several methods have been developed to do this. J. Christopher Jones, a recognized authority on systems analysis, in the article entitled *A Method of Systemic Design*, states that a meeting should be held with people involved. Each person should write a list of all thoughts that occur to him on acquaintance with the problem. Each person reads out his list of factors. This list should be extended until it includes every single factor which can be thought to influence the design. When the list becomes too disorderly, a classification chart can be developed for each system.

In the case of the North Campus we made an effort to record all meetings, list all facts pertaining to the problem area, record all decisions, and list the stated user-requirements as suggested by the people involved. We also have developed a list of questions and ideas which begins to challenge present thinking. In this way investigation of still other means of resolving the problems can be initiated. As information is gathered, it is classified, color-coded, indexed, and filed on 3 x 5 inch cards.

**Step 3.**
Establish goals for each system. This begins to focus the requirements and it assists in establishing guide lines for further investigation and research. As an example, the Goal Statement for an Education System was: “Medical schools should broaden their horizons. There should be a reduction of hard, fast scheduling, and major stress should be in the direction of community needs and community medicine.”

—Dr. C. H. W. Ruhe of the A. M. A.’s Council on Medical Education.

**Step 4.**
Establish the crucial issues. This, too, is a focusing device that directs additional investigation to the crucial areas. In no way is it possible to study every aspect of the subjects involved.

**Step 5.**
Establish the planning requirements. By reviewing all data collected, a list of requirements can be compiled for each system that has decision-making implications which will effect the master plan. Fortunately, many requirements can be met which have no affect on the plan, but until one realizes this fact these demands have a tendency to interfere with the planning process. They act like static; they seem to sidetrack the solution and confuse the basic issues to be resolved. Every effort must be made to sort out or uncouple these requirements and to deal only with basic requirements which, along with their interactions, are the real generators of the sub-problems to be resolved.

**Step 6.**
Identifying the problems. Through a process of personal experience and mental feed-back (review, analysis, re-evaluation, and a continuous alternation of focus), of zooming in and out looking first at the big picture and then at the detail, of moving back and forth, basic problems can be identified. This process is primarily intuitive and can be applied to less complicated planning problems. As these complications and, therefore, the resultant actions and reactions increase, a more statistical listing of requirements becomes necessary. In order to analyze their inter-actions each requirement must be reviewed in reference to every other requirement. As an example: see Sketch, page 19.

By studying this matrix we can identify certain linkages which indicate sub-problem areas that require major design considerations since requirements are interlocked in these areas and must be reconciled. In addition, one can mathematically study problem areas by investigating the percentage of interactions.

Another method of identifying these problems has been explored by the young architect-mathematician, Christopher Alexander. Here the requirements and interactions are programmed on a computer. The interactions are analyzed to the 1st, 2nd, 3rd degree, etc. The computer prints out and identifies the sub-problems mathematically. Alexander refers to this as the “decomposition.” This method divides the problem into set and sub-sets, and it establishes a
By studying this matrix we can identify certain linkages in the hierarchy of problems that must be solved in a vertical order.

**Step 7.**

Analyze the sub-problems. List the requirements which are in each sub-set and write its performance specifications. The design solution must occur within these constraints. Because no complex solution can satisfy all requirements 100 percent, certain reasonable limits will have to be established; the solution must occur within this reasonable range. Similarly, since each requirement can only be fulfilled to a certain degree, there is no one solution. Thus different combinations have been evaluated. To resolve any problem, decisions have to be made as to which requirements need the greatest degree of fulfillment. By this method a more intelligent basis on which to make decisions is established. Either these solutions can be described verbally or diagrammed graphically.

The information so far accumulated is often referred to as "the brief." It should continually be updated by the planner through review, decision-making and evaluation of performance.

It is our hope that eventually all of the information gathered in our investigation of North Campus requirements can be programmed on a computer and stored. New information can be fed into the computer at any time which will permit an immediate evaluation of new ideas or new requirements or gage their effects on the many sub-problems.

When one realizes that there are thousands of requirements which must be met in planning a campus and that they all inter-lock in one way or another, it becomes clear that experience and intuition are no longer sufficient tools with which to reconcile planning problems. Although a systematic method of analysis will not in itself design a campus, it can be an aid to a clearer understanding as to what criteria must be met if the design is to be valid.

**The North Campus Plan**

The first stages of investigation into the problems of planning the North Campus indicate a number of emerging concepts which will radically affect the planning form:

1. There is a strong indication that what connects the buildings is far more important than the buildings themselves. Utilities (plumbing, heating, cooling, and electricity) and circulation (pedestrian as well as vehicular) are the only architectural elements which can be predicted with some degree of permanence. The implication is that the connecting element might become the controlling factor within the hierarchy of visual forms that will constitute the campus. It is also clear that the social system, both private and public, will change very little over time, and its physical needs can perfectly well be met in the connectors (i.e., the connecting concourse).

2. The building forms themselves are the most unpredictable quantity in the study and any statement in the plan of the North Campus on their location, shape, or size becomes an educated guess which could well produce more problems than it would resolve. Any effort to suggest them at this time, therefore, has been avoided. It appears that the buildings might be the least expression in the overall campus form. They could even be prefabricated, mountable, and demountable to provide unassigned spaces which could be used in any way the University saw fit when the need arose.

The analysis also indicates another area to be investigated which might provide for the building needs. There appears to be a series of inherent closed spaces or "spare blocks" which could accommodate the various functional requirements. Present studies indicate that as few as four or five such space blocks, each serving three or four different functions, would accommodate the demands of any campus. Since these space units seem to arrange themselves in clusters both horizontally and vertically it appears possible to develop a structural and mechanical system which would resolve the design of the spatial units.

3. That a campus cannot be an island, a city within a city and separated by hard edges which isolate it from the larger community, is clear. The University of New Mexico will continue to play an increasingly important role within the city and state. As the University becomes a more dynamic part of
the community its hard edge boundaries will disappear. The same can be said of the structures which divide the University into departments and colleges with inwardly oriented curricula. Instead of focusing in a centripetal manner, it will begin to orient itself centrifugally.

A nexus of connectors has been developed which will provide a utility tunnel, a pedestrian concourse and a great urban space.

4. It also appears that the University will concentrate more and more on the process of education. The whole question of involvement with other areas of service (housing, food service, housekeeping, and maintenance) should be investigated. The University might lease land to private enterprise which, in turn, would provide housing and other social services. Other leases might include foundation sponsored research, or federal, state and county facilities which are university oriented.

Our studies for the North Campus are in a very elementary stage, but certain concepts for the long range plan have been established. A nexus of connectors has been developed which will provide a utility tunnel. Above this at a second level but still below grade is a pedestrian concourse which might provide all the social service for the campus as well as a protected circulation between buildings. At grade is a pedestrian street, a great urban space which will generate activity sixteen hours a day. This forms the spine of the plan. The long range plan preserves this connector, zoning it so that no future building can obstruct it. The master plan indicates no loca-
has been placed on data cards and stored in a computer bank, of diagrams establishing connectors and circulation patterns, and of written specifications regarding space, similar to a zoning ordinance.

Don Schlegel

As building needs develop, new structures will be plugged into the connector.

References:

Christopher Alexander, A City is not a Tree, articles in Architectural Forum, May and June 1965.

J. Christopher Jones and D. G. Thornley, Conference on Design Methods, MacMillan and Co., 1964.
The First Name in adjustable Lighting

Gordon W. Laursen & Son
Lighting Specialists since '41
107 Sierra S.E.
Albuquerque

256-7322
New Mexico 87108

O'MALLEY GLASS & MILLWORK CO.

We Furnish and Install
• Curtainwalls
• Glass Storefronts

We Manufacture
• Mill Work
• Wooden “Lab” Equipment

Enjoying 55 Years of Service

Albuquerque  Yuma  El Paso  Tucson  Glendale  Phoenix

108 Vassar, S.E.
Albuquerque,

242-9614
New Mexico

Hanley's and the

IN ARCHITECTURAL QUALITY PAINTS

SUNFOE AMBASSADOR

Hanley Paint Mfg. Co., Inc.

EL PASO, TEXAS
PH. 532-6921
755-9821

ALBUQUERQUE
NEW MEXICO
PH. 265-1524

COLOR
GUARD
ASSOCIATES

OUR 31ST YEAR CLIMATE DESIGNING
PAINT FOR THE SOUTHWEST
BOOK REVIEW

Old Santa Fe Today

Edited by Sylvia G. Loomis for The Historic Santa Fe Foundation, published by The School of American Research, 1966, 49 pp., $2.75.

A handsome book has been added to the sparse literature on the architecture of New Mexico. Beautifully composed and well illustrated, Old Santa Fe Today is arranged as a guided tour through the city. Placed in the order that one might see them on a trip through the city, the thirty-three monuments discussed embrace all types of structures and all early phases of building to give a composite view of the area's early architecture. The inside covers contain a decorative but very legible map which is keyed numerically to the text. Specifically what we have is an unusually fine guide book designed to give visitor and interested citizen an intelligent view of the city's architectural heritage — but a guide book that is so handsome and well stocked with information that it will be retained for repeated reference and enjoyment.

An interesting Introduction by John Gaw Meem traces briefly the historic development of architecture in New Mexico and explains the role and achievements of the chief agencies for architectural preservation in Santa Fe.

The book's sixty-two photographs include Laura Gilpin's nostalgic B. C. views of Canyon Road (Before Curbstones) and an exciting aerial view of Fort Marcy by Webb Young. There are also atmospheric views of Acequia Madre by Tony Perry, but the majority of pictures are by Karl Kernberger. He demonstrates his skill as an architectural photographer in views of the Donaciano Vigil and the Juan Rodriguez houses while his views of de Vargas Street and the main Plaza capture the elusive beauty of Santa Fe which many visitors feel but which is so difficult to distill into a photographic image. One wishes for more interior views such as Miss Gilpin's photograph of the magnificent sala of the Juan Rodriguez house or of the Randall Davey sitting room by Kernberger, but the unhappy truth is that there are probably few other interiors in old houses comparable to these two examples.

The architectural enthusiast naturally wishes for more information about the buildings in the form of plans and supplementary pictures. But it would have been quite impossible to include this and keep within the desirable format of one page to each monument or a budget that allows the book to be sold at so moderate a price. Clearly what is indicated now is another book aimed not so much at educating the public but at recording the architecture itself.

Despite the fact that Old Santa Fe Today is written for a wide audience, it contains a wealth of information, much of it presented here in accessible book form for the first time. (Portions of the information have appeared earlier in newspaper articles). This type of solid, historical research is conspicuously lacking for New Mexican architectural history (save for George Kubler's monumental treatment of the religious architecture and one or two slender efforts to study the domestic work of other areas), and one is very grateful for it. Santa Fe, indeed, may be one of the few centers in New Mexico where such information can be gathered because of lack of records elsewhere. Even at best, as this book tells us, references to architectural matters in deeds or wills are apt to be oblique. The research that underlies this book, then, is impressive.

The point on which the text falls somewhat short is a failure in several cases to differentiate between the antiquity of the site and the present state of the edifice which occupies it. The hasty reader can all too easily get the impression that structures like the Crispin or Boyle houses that he sees from the street or in the photograph, represents a late eighteenth or early nineteenth century model. On the other hand this is not true of the discussion of the Donaciano Vigil house which specifically points out that the handsome window and door trim were at some later point brought to the house from the old Loreto Academy building.

It is true that New Mexico has been inhabited for many centuries, but as historians we must admit that the area does not have as many old or well preserved structures as one would expect. This is unfortunate but it is so because of the impermanent nature of the building material that people have always used. Yet the fact that our predecessors learned to use adobe so well is the factor which has bequeathed the area its architectural distinction. On the other hand, given the limited numbers of buildings surviving from the past, there is all the more reason to guard and preserve them, and this is exactly the reason why Mrs. Loomis has written the book and why the Historic Santa Fe Foundation has subsidized its publication.

—B. Bunting

NMA March - April 1967
FORMICA® V.I.P.
vertical interior paneling

FORMICA® V.I.P. vertical interior paneling is everything an interior paneling should be. It has all the good qualities you associate with FORMICA laminated plastic for horizontal surfaces — and more:

• a complete panel installation system
• easy to handle
• quick and easy to put in place
• economically priced; economical to install
• unlimited decorative possibilities
• adapts to any commercial or institutional setting
• easy maintenance
• long wearing

Distributed by

Stryco SALES, INC.
PHONE 344-2317
312 INDUSTRIAL NE
ALBUQUERQUE, NEW MEXICO

Flex-tile
An outstanding new two component coating that actually out-performs baked enamels for hardness, gloss, resistance to water, chemicals and stains

MAY BE APPLIED BY BRUSH, SPRAYER OR ROLLER

Another Quality Product of . . .

Wellborn
PAINT MFG. CO.
2714 4th St., N.W.
P.O. Box 6086
Albuquerque, New Mexico
"... of the structural systems considered
Trus Joist proved to be the most economical."

This statement by William A. McConnell, architect,
has almost become routine and he goes on to say, "This
I believe was mainly due to the simplicity of installa-
tion and detailing inherent in the system."

We hear it all the time.
In this case it was the Woodmen of the World
Service Center in Albuquerque. It needed a 54-foot
span for flexibility in interior separators. Trus Joist "M"
did it. Their light weight made them easy to erect and
then there were the wood chords all ready to receive
the ⅜" CD plywood deck.
TJ makes it so easy... and economical.

George B. McGill
1113 Pennsylvania, Northeast
Albuquerque
505/256-2058

New In New Mexico
MANZANO QUARTZ, INC.
614 Headingly Ave. N.W. (505) 344-3337
Albuquerque, New Mexico

Wholesalers of Crushed Quartz
Building and Veneer Stone

Wonderful in the accenting of
Buildings, Fireplaces and Landscaping

Visit our "Stone Yard"
6023 Edith Ave. N.E. (rear) from 2 to 6 p.m.

Kinney Brick Company Inc.
Manufacturers of:
- Common Brick
- Patio Brick
- Face Brick
- Roman Brick
- Norman Brick
- "SCR" Brick

Distributors for:
- Acme Brick Co.
- Major Brick Co.
- Eureka Brick Co.
- Texas Clay Products
- Alamo Clay Products

Samples and information upon request
Visit Our Office & Showrooms at Plant
5 miles South just off of Second Street
ALBUQUERQUE, NEW MEXICO
Phone 877-4550

Dependable...
SOUND, INTERCOM
AND POCKET PAGING
FOR EVERY BUILDING TYPE

Our broad experience in this specialized field
is available to you. Contact us for general
planning help.

No obligation, of course.

EXECUTONE OF NEW MEXICO
111-A CORNELL DR., S.E., ALBUQUERQUE, N. M. 87106
PHONE 242-4611

NMA March - April 1967
New Mexico Architecture is on some of the finest coffee tables in the southwest.
Subscribe today —— for yourself or for a friend.

Name: ____________________________
Street: ____________________________
City-State: ________________________
Zip Code: _________________________

And it is only $2.50 a year

New Mexico Architecture
Box 18, University Station
Albuquerque, New Mexico

new mexico architecture nma

Published bi-monthly, by the New Mexico Society of Architects
American Institute of Architects, a non-profit organization, 115 2nd St., S.W., Suite 200, Albuquerque, N. M. 87101.

Editorial Correspondence: All correspondence should be addressed to John P. Conron, P. O. Box 956, Santa Fe, New Mexico 87501.
Editorial Policy: Opinions expressed in all signed articles are those of the author and do not necessarily represent the official position of the New Mexico Society of Architects, A.I.A.

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

Subscription rates: Single copy 50c; one year $2.50. Second class postage paid at Roswell, New Mexico.

Change of address: Notifications should be sent to N.M.A., Box 18, University Station, Albuquerque, N. M. 87106 at least 45 days prior to effective date. Please send both old and new addresses.

Advertising correspondence: Requests for information and other correspondence should be addressed to W. M. Britelle, Sr., 115 2nd Street, S.W., Suite 200, Albuquerque, N. M. 87101.

National advertising representative: Martin and Hart, Inc., 25 West 43rd St., New York City 10036. Phone 212-LW 4-1290.

Cooperating in the public relations program of the NMA magazine, making possible its publication and the page upon which their message may be found.

Albuquerque Lumber Co. 4 McGill, George B. 25
Albuquerque Testing Lab. 16 Miller Metal Co. 26
Atlas Structural Concrete, Inc. 8 Modesta's 22
Big Jo Lumber 16 Mosman-Gladden 5
Builders Block & Stone Co., Inc. 5 Mountain States Telephone 12
Centerline 21 New Mexico Pipe Trades 4
Clinch P. Anderson Agency Inc. 24 N. M. Marble & Tile Co. 26
Cummings, Don J., Inc. 8 O'Malley Glass & Millwork Co. 22
Customwood Manufacturing Co. 10 Prestressed Concrete Products, Inc. 16
Design Interior 4 Portland Cement Assn. 2
Ecker's 16 Public Service Co. of N. M. 6
Executors of New Mexico 25 Southern Union Gas Co. 5
Hall-Poorbaugh Press, Inc. 4 Southwest Spanish Craftsmen. 6
Hanley Paint Mfg. Co., Inc. 25 Southwest Vermiculite Co. 32
Hydro Condut Corp. 27 Southwestern Electric Shop 25
Ideality 4 Styrco Sales, Inc. 24
Kinney Brick Co., Inc. 25 Allied Supply Co. 10
Laurens & Sons, Gordon W. 22 Wellborn Paint Mfg., Co. 24
Mansano Quartzes, Inc. 25

INDEX TO FIRMS

ARMSTRONG CEILING SYSTEMS
NEW MEXICO MARBLE & TILE
EXCLUSIVE CONTRACTORS

The Armstrong Ceiling System is versatility personified. Its function is more than beauty. It may be used as the building air distribution vehicle, as lighting and acoustical treatment.

Ask about the revolutionary new "CERAMA- GUARD." The solution for moisture problem areas—another quality product by Armstrong.

NEW MEXICO MARBLE AND TILE CO.
414 Second St., N.W.
Albuquerque, N. M.
P. O. Box 834 • Phone 243-5541

INDEX TO FIRMS

Cooperating in the public relation program of the NMA magazine, making possible its publication and the page upon which their message may be found.

Albuquerque Lumber Co. 4 McGill, George B. 25
Albuquerque Testing Lab. 16 Miller Metal Co. 26
Atlas Structural Concrete, Inc. 8 Modesta's 22
Big Jo Lumber 16 Mosman-Gladden 5
Builders Block & Stone Co., Inc. 5 Mountain States Telephone 12
Centerline 21 New Mexico Pipe Trades 4
Clinch P. Anderson Agency Inc. 24 N. M. Marble & Tile Co. 26
Cummings, Don J., Inc. 8 O'Malley Glass & Millwork Co. 22
Customwood Manufacturing Co. 10 Prestressed Concrete Products, Inc. 16
Design Interior 4 Portland Cement Assn. 2
Ecker's 16 Public Service Co. of N. M. 6
Executors of New Mexico 25 Southern Union Gas Co. 5
Hall-Poorbaugh Press, Inc. 4 Southwest Spanish Craftsmen. 6
Hanley Paint Mfg. Co., Inc. 25 Southwest Vermiculite Co. 32
Hydro Condut Corp. 27 Southwestern Electric Shop 25
Ideality 4 Styrco Sales, Inc. 24
Kinney Brick Co., Inc. 25 Allied Supply Co. 10
Laurens & Sons, Gordon W. 22 Wellborn Paint Mfg., Co. 24
Mansano Quartzes, Inc. 25

INDEX TO FIRMS

Cooperating in the public relation program of the NMA magazine, making possible its publication and the page upon which their message may be found.

Albuquerque Lumber Co. 4 McGill, George B. 25
Albuquerque Testing Lab. 16 Miller Metal Co. 26
Atlas Structural Concrete, Inc. 8 Modesta's 22
Big Jo Lumber 16 Mosman-Gladden 5
Builders Block & Stone Co., Inc. 5 Mountain States Telephone 12
Centerline 21 New Mexico Pipe Trades 4
Clinch P. Anderson Agency Inc. 24 N. M. Marble & Tile Co. 26
Cummings, Don J., Inc. 8 O'Malley Glass & Millwork Co. 22
Customwood Manufacturing Co. 10 Prestressed Concrete Products, Inc. 16
Design Interior 4 Portland Cement Assn. 2
Ecker's 16 Public Service Co. of N. M. 6
Executors of New Mexico 25 Southern Union Gas Co. 5
Hall-Poorbaugh Press, Inc. 4 Southwest Spanish Craftsmen. 6
Hanley Paint Mfg. Co., Inc. 25 Southwest Vermiculite Co. 32
Hydro Condut Corp. 27 Southwestern Electric Shop 25
Ideality 4 Styrco Sales, Inc. 24
Kinney Brick Co., Inc. 25 Allied Supply Co. 10
Laurens & Sons, Gordon W. 22 Wellborn Paint Mfg., Co. 24
Mansano Quartzes, Inc. 25