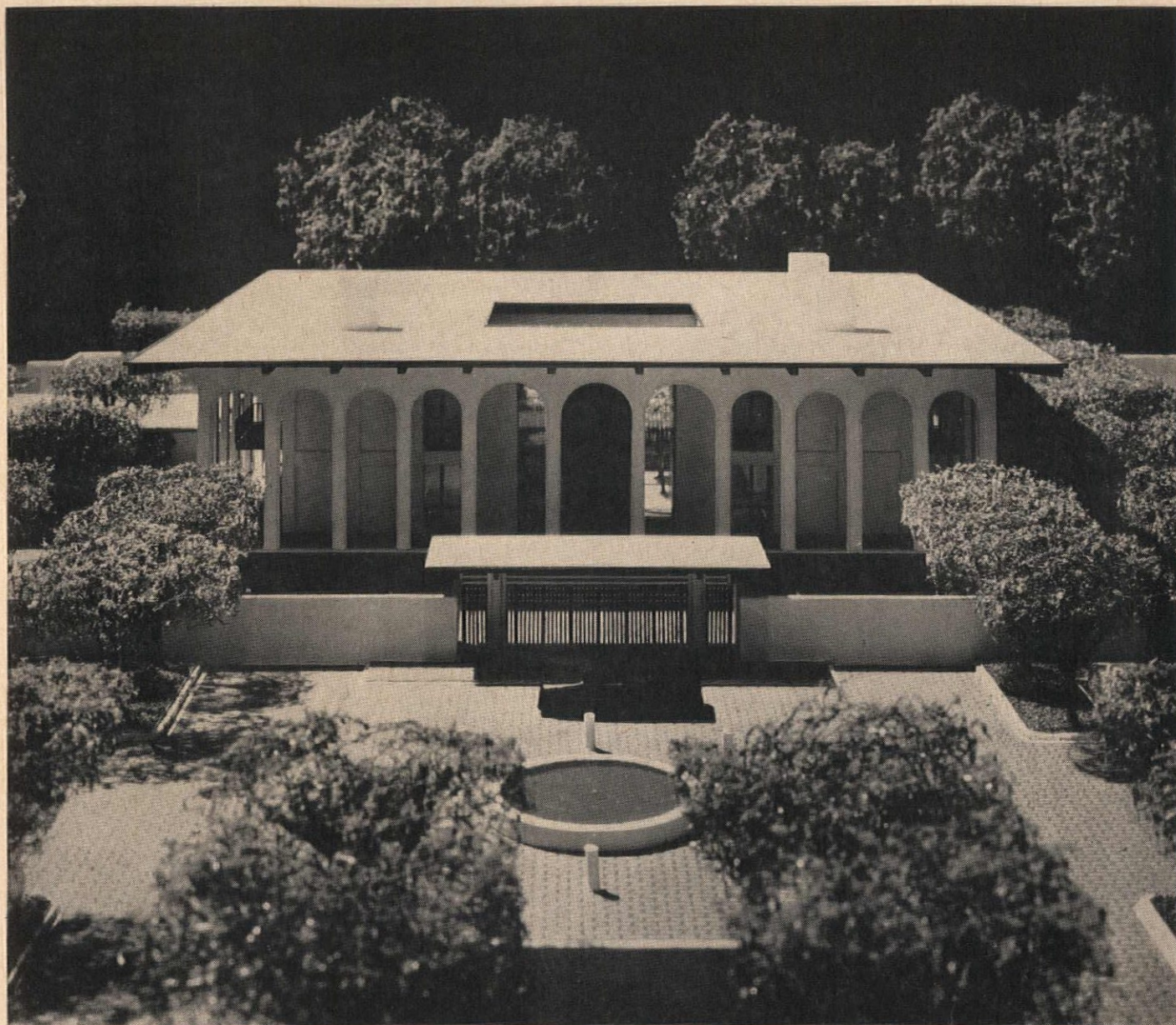


PROGRESSIVE ARCHITECTURE APRIL 1962

NEWS REPORT

Architecture's Monthly News Digest of Buildings and Projects, Personalities, New Products



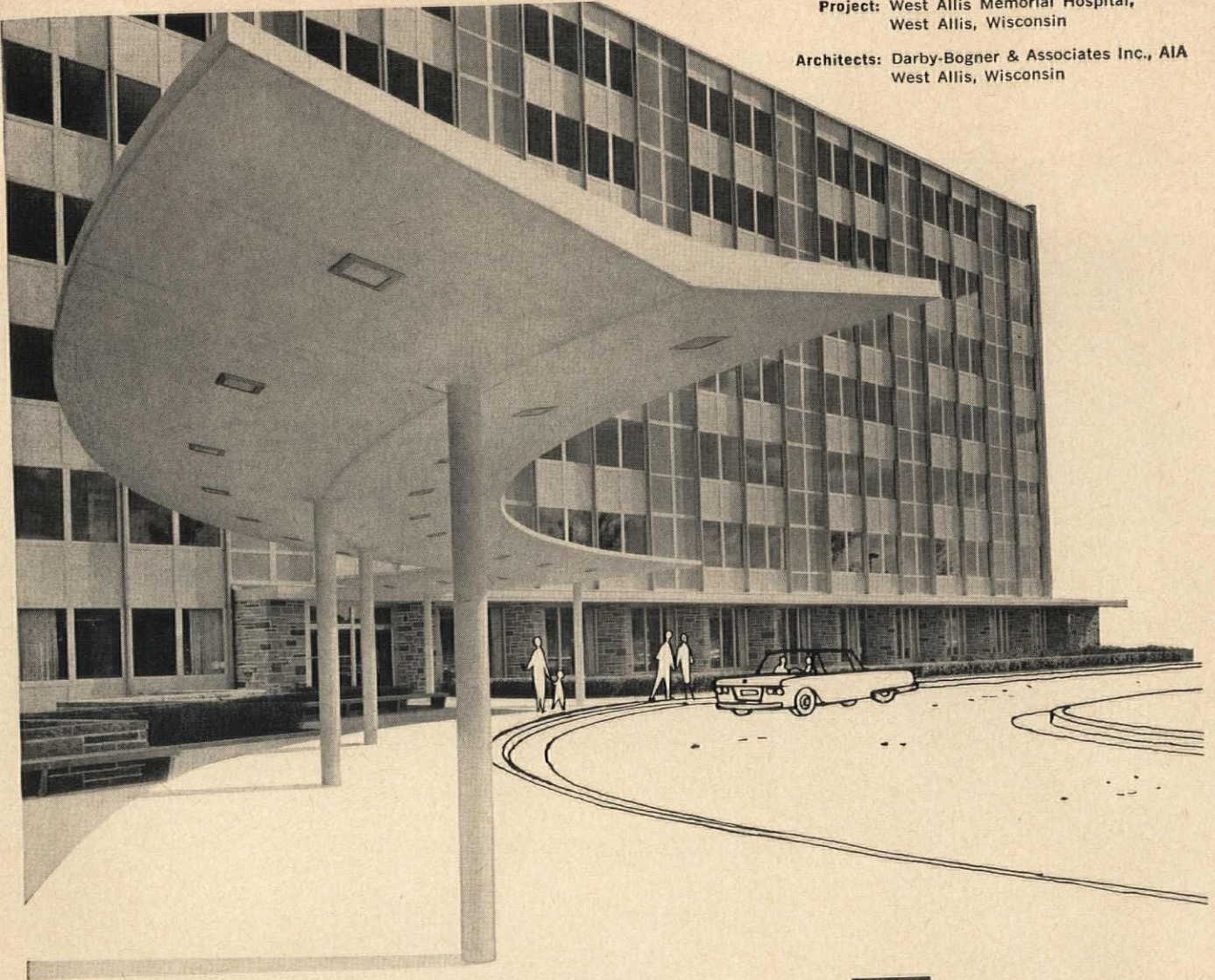
Winning design in competition for California Governor's Mansion is a serene arched structure around an interior court.

59 CALIFORNIA GOVERNOR'S MANSION
60 NEW STUDY FROM U.S. STEEL
60 BUNNIES FOR NEW YORK PLAYBOYS
61 CIAMPI CONCEIVES CIRCULAR CHURCH
62 RENEWING WASHINGTON'S WATERFRONT
63 P/A-AISC SEMINAR ON STEEL DESIGN

63 MAJOR COMPETITION FOR CINCINNATI
66 PERSONALITIES: COX, REESE
78 WASHINGTON/FINANCIAL NEWS
80 ART: POTPOURRI
88 PRODUCTS: MASONRY DEVELOPMENTS
95 MANUFACTURERS' DATA: MASONRY

Project: West Allis Memorial Hospital,
West Allis, Wisconsin

Architects: Darby-Bogner & Associates Inc., AIA
West Allis, Wisconsin



New West Allis Memorial Hospital...

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Teletalk provides each service department with instant voice contact — at the flick of a switch.

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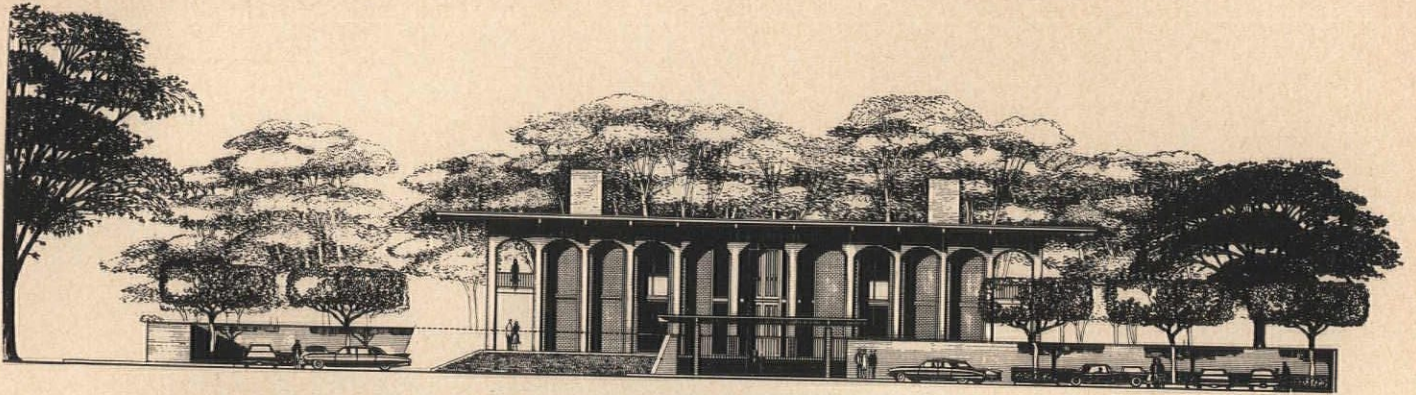
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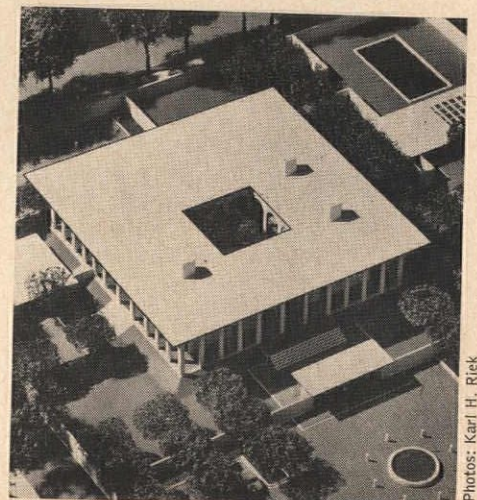
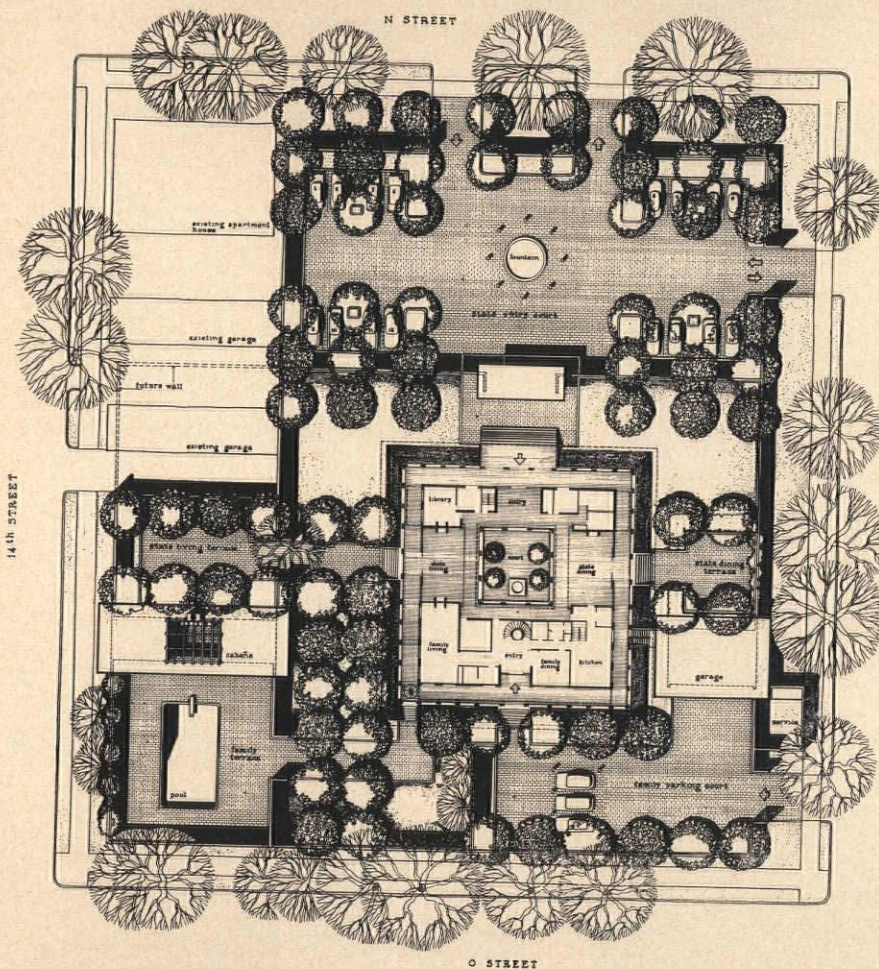
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CALIFORNIA GOVERNOR'S MANSION

SACRAMENTO, CALIF. Winners of the statewide competition for the design of the Governor's Mansion are Worley K. Wong, Allen Don Fong, Terry Tong, and Harry W. Namitz of the firm of Campbell & Wong.

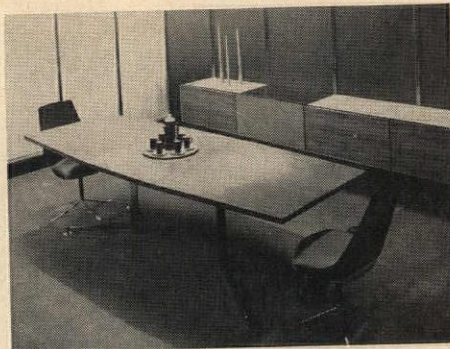
The victorious San Francisco architects have designed a gracious pavilion of whitewashed brick that takes careful note of the dual purpose of such a structure: living quarters for the chief executive and his family and facilities for state entertaining. The plan is a two-storied square around a generous court. The family areas are separated from the spaces given over to state functions; separate entrances are provided on the ground floor, and sleeping areas on the second floor are detached from the guest rooms by the court, being connected only by bridges. Scale of the two different areas also provides a contrast. The state areas are given an appropriately large scale, the state living and dining rooms rising the full height of the building. Family living areas, on the other hand, are given a domestic scale. Orientation of the mansion takes into account future landscape developments for the surrounding area.



Photos: Karl H. Riek

U.S. Steel Shows "Study in Steel—1962"

United States Steel has introduced the second in its "Study in Steel" programs (for the first, see p. 54 JANUARY 1961 P/A). Designed as a promotional campaign "to capture for steel the top spot as a preferred design material," the program features designs and design ideas utilizing steel to best advantage. The current display emphasizes new approaches to furniture and equipment for dining room, kitchen, and outdoor living areas. U.S. Steel stated that the designs—created



by Peter Muller-Munk Associates—did not mean that the company is in the equipment design business, but that it is merely, as a service, trying to point directions in which good design might be going, and to stimulate better design.

The dining area in "Study in Steel" utilizes, for its table, the leg system designed for the office equipment in last year's program: two V-legs connected by steel stringers. Top of the table is wood-laminated, foam-filled

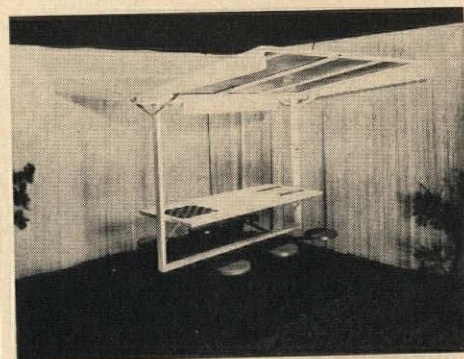


Photo: Louis Checkman

BUNNY BUSINESS IN NEW YORK

NEW YORK, N.Y. The siren tones of "My name is Margie, sir, and I'm your Bunny for the evening," will soon perfume the night air in the vineyards of Manhattan.

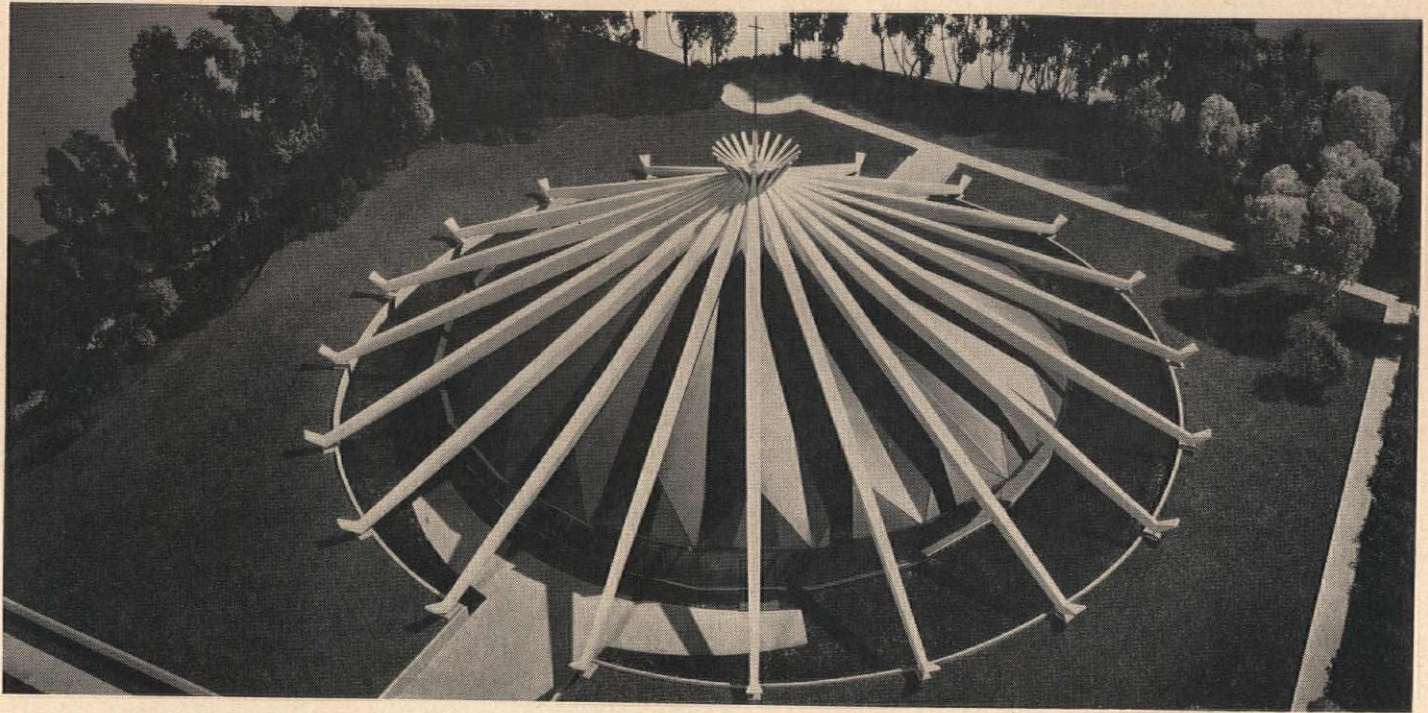
Following the example of, among others, New Orleans and Chicago, New York will have its own Playboy Club. Now under construction just off Fifth Avenue, and convenient to such activities as jumping in the Plaza Fountain after an evening of high jinx, the club will occupy a seven-story remodeled building. Five floors and a mezzanine will be set aside for entertainment of Playboys and their guests, the sixth will contain dressing rooms for entertainers and Bunnies; offices will be on the seventh. Designed by the young New York firm of Oppenheimer, Brady & Lehrecke, the Playboy Club will have an entrance which the architects hope "is a fitting gateway to a palace of lusty but innocent fun."



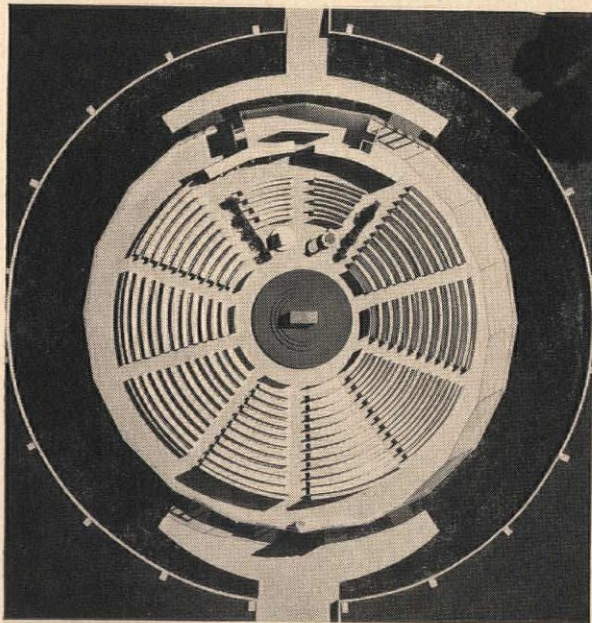
panels; central panel, when not in use, becomes a decorative element beneath the table. Chairs have tubular steel bases, one-piece steel backs compression-joined to the seats, and wire fabric seats covered with plastic cloth. The storage unit houses dining accessories and equipment.

An outdoor picnic center of steel opens, as shown, to seat six and provide its own shade. The table section has a surface with built-in game boards. To close against weather, the stools fold up, the table top swings to a vertical position, and the top folds down as a case. A plastic seal at the top provides thorough protection.

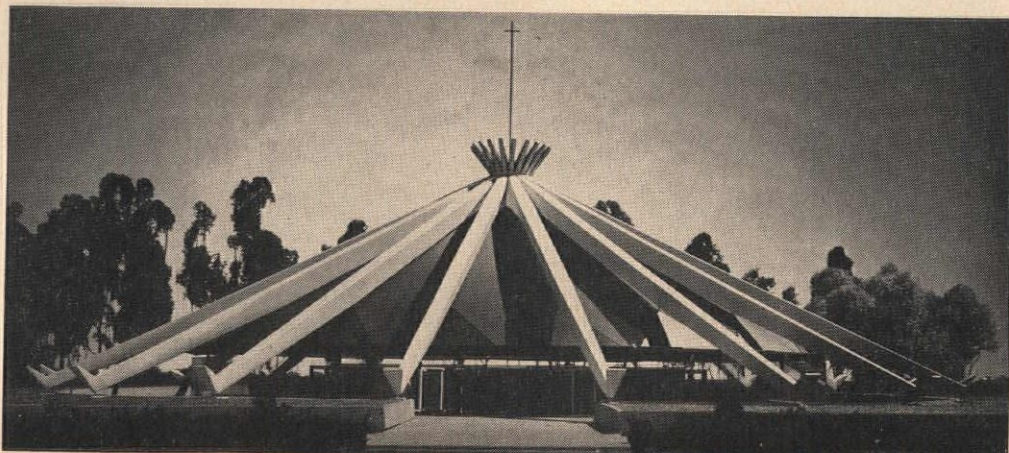
A system for quickly built, attractive exterior decks utilizes interlocking triangular steel pans mounted at their jointures on adjustable supporting steel legs. Sockets at the pan joints are used to hold especially designed single-legged steel chairs, tables, and outdoor cooking equipment.



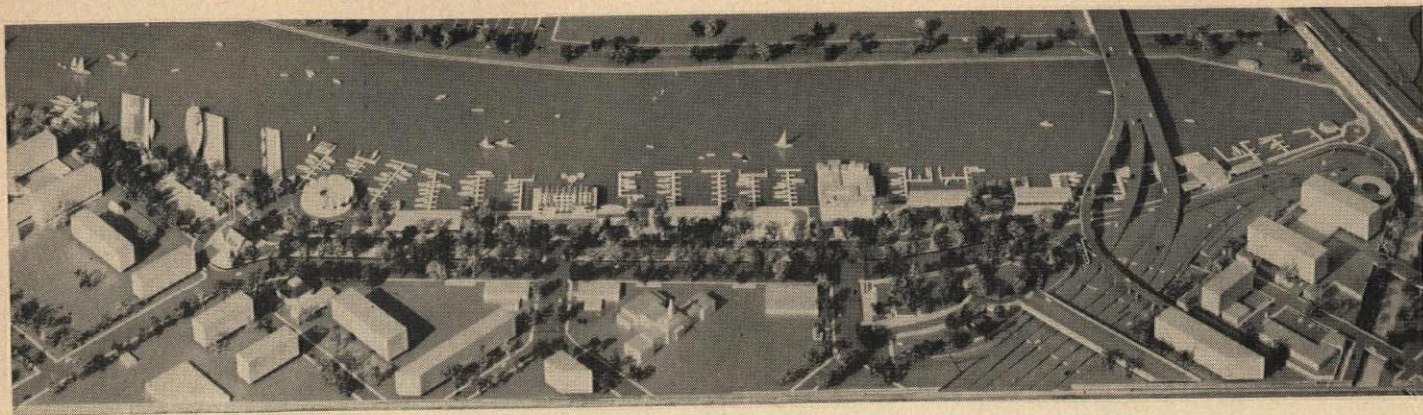
Circular Catholic Church Shows Structure



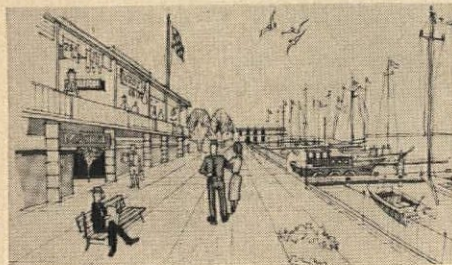
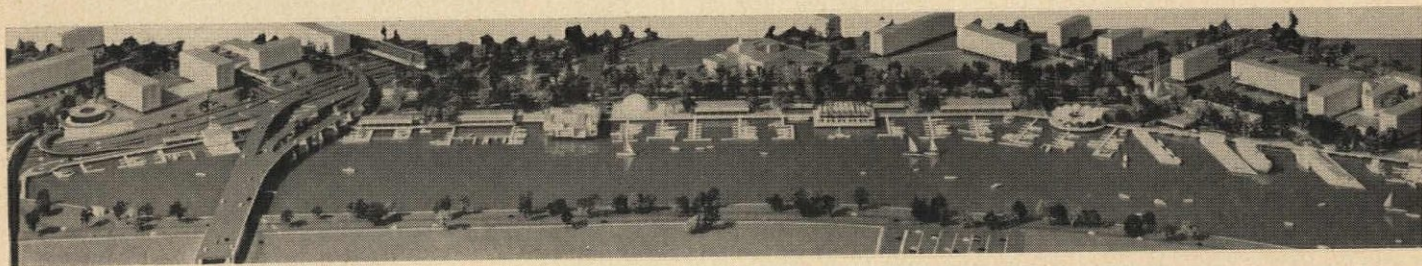
LINDA MAR, CALIF. For this growing community south of San Francisco, Mario J. Ciampi and his associate Paul W. Reiter have designed a dramatic circular Roman Catholic Church for the parish of Saint Peter's. An exposed structure of precast, reinforced concrete will support a roof system of hipped, folded-plate plywood shells. The circular form, says Ciampi, will express "the powerful liturgical focus of the high altar." The altar will be at the center of the building, beneath a lantern supporting a tall cross. Since the building will sit in a garden "moat" over which the radiating structural arms of concrete will leap in an enclosing manner, the periphery of enclosed landscape will be subordinated to the drama of the altar. A limited budget for the 1000-person church has been met through imaginative use of simple materials.



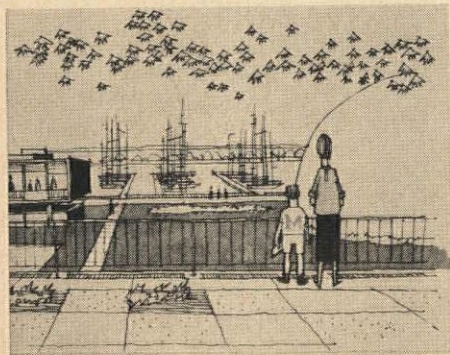
Photos: Karl H. Riek



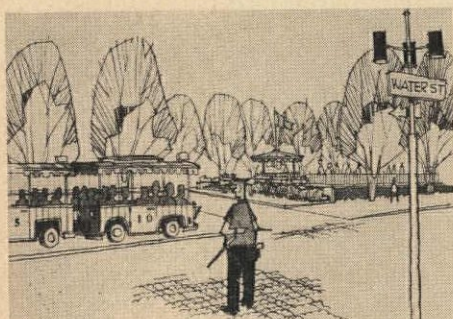
Washington Waterfront to Highlight Seafood, Strolling, Shopping



Waterside walk



Marina from Channel Promenade

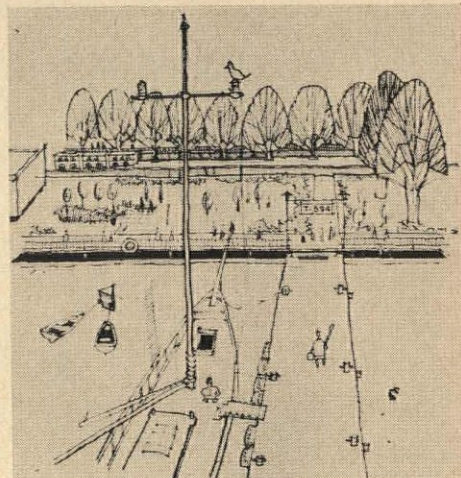


Promenade from Water Street

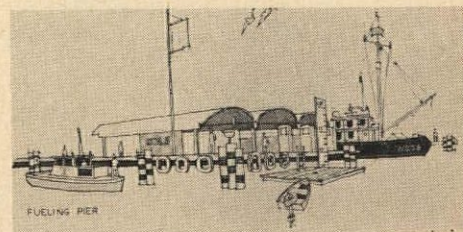
WASHINGTON, D.C. Aficionados of the Capital City's waterfront on Washington Channel, of whom there are many, will find the Southwest Waterfront Design Program by Satterlee & Smith of more than passing interest. Proposing the renewal and redevelopment of the fish-house and marina area across from East Potomac Park, the program would save and develop the few acres available in the area, and increase them through bulkheads in the channel.

Stating that the present proposal is a basic design for the use of developers, the architects state that it should be administered by a "strong" group insisting on good design quality. Fundamentally, the scheme creates a series of seven public plazas that lead directly to the water through various commercial areas. Each plaza will have its own character—cobbled, landscaped, treated as a viewing terrace, etc. As designed, the proposal maintains for the site its traditional uses—boating, shopping for seafood, dining—and adds a few more: watching waterfront activities from the new terraces, strolling on the long Channel Promenade, shopping in new stores for boats, sails, motors, flowers, comestibles, and so on. The marina facilities will be greatly expanded, and there will even be ponds for model boats in the park south of M Street.

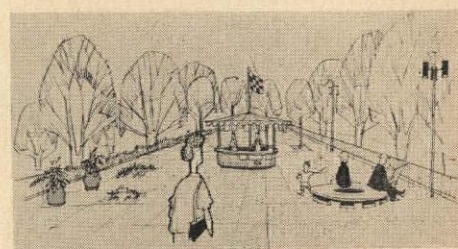
Since there will be about 175,000 sq ft of first floor and more than 100,000 sq ft of second floor building areas for commercial purposes, the architects have proposed a two-story limit for the area.



Water Street from channel



Fueling pier



Channel Promenade

Critique to Follow AISC Awards Program

PROGRESSIVE ARCHITECTURE announces a program of Workshop Critiques on Steel in Architecture in New York City on June 14 and 15, 1962.

Extending the concept of the critical seminar discussions that have become a part of its own Design Awards Program, PROGRESSIVE ARCHITECTURE has arranged to invite the winners of the Architectural Awards of Excellence Program of the American Institute of Steel Construction, and others, to a program of analysis and critical dis-

cussion of the buildings that win these awards.

The purpose will be evaluation of the best work in steel that has recently been done, as chosen by the AISC jury, and an attempt, through discussion, to find new directions in which steel structures might advance.

One day of the Workshop Critiques will be devoted to the presentation of a number of the AISC award-winning buildings, with analyses by respected critics in architecture and engineering and discussion by those attending the

program. Another day will be devoted to visits to significant structures in the New York area.

Further details of the program, and methods of registration, will be announced later. In the meantime, we urge architects of buildings which use steel structures in an outstanding manner, and which were completed or occupied in 1961, to submit them as entries to the Architectural Awards of Excellence Program of AISC, 101 Park Avenue, New York 17, N.Y., before April 25.

Major Competition Set for Cincinnati



Photo: Fairchild Aerial Survey

CINCINNATI, OHIO In a program somewhat similar to St. Louis's Jefferson National Expansion Memorial Competition of some years back, Cincinnati has announced a nationwide competition for the design of a "symbolic structure" for a historical-memorial park to be established as part of its waterfront on the Ohio River.

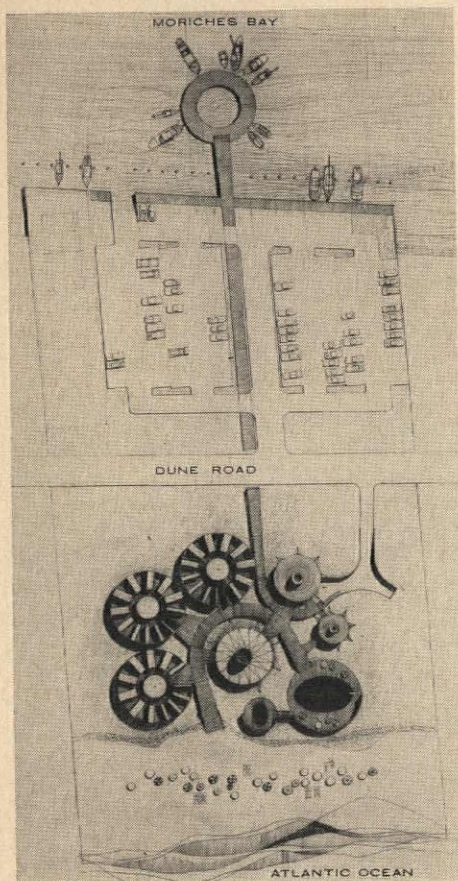
Sponsored by The Cincinnati Association, a 42-year old local nonprofit organization, the structure will "celebrate the unique history and the significance and future of Cincinnati." Jury consists of P/A Editor Thomas H. Creighton; Gordon Bunshaft of Skidmore, Owings & Merrill; Paul

Rudolph, Chairman of the Yale Department of Architecture; Grady Clay, author and journalist for the Louisville (Ky.) *Courier Journal*; Architect Douglas W. Orr of New Haven, Conn.; Ernest F. Pickering, Dean of College of Design, Architecture, and Art, University of Cincinnati; and Cornelius J. Hauck, President of the Board of Park Commissioners of Cincinnati. The competition's Professional Advisor and Jury Chairman (without a vote) is Walter A. Taylor, Director of the School of Architecture, Ohio University, Athens, Ohio. The architect placing first in the competition will be given the commission to design and

provide architect's service for the project, and an advance fee of \$6500. Second-place architect will receive \$2500, and \$1000 will go to the architect placing third. The Cincinnati Association is setting no limit to the cost of the project, but will not entertain "extravagance." It is the intention of the city to build the structure as soon as possible.

Conditions and registration forms are available from Professional Advisor Taylor. Registration closes May 1; last day for receipt of submissions is August 31; and announcement of awards will be made approximately October 15.

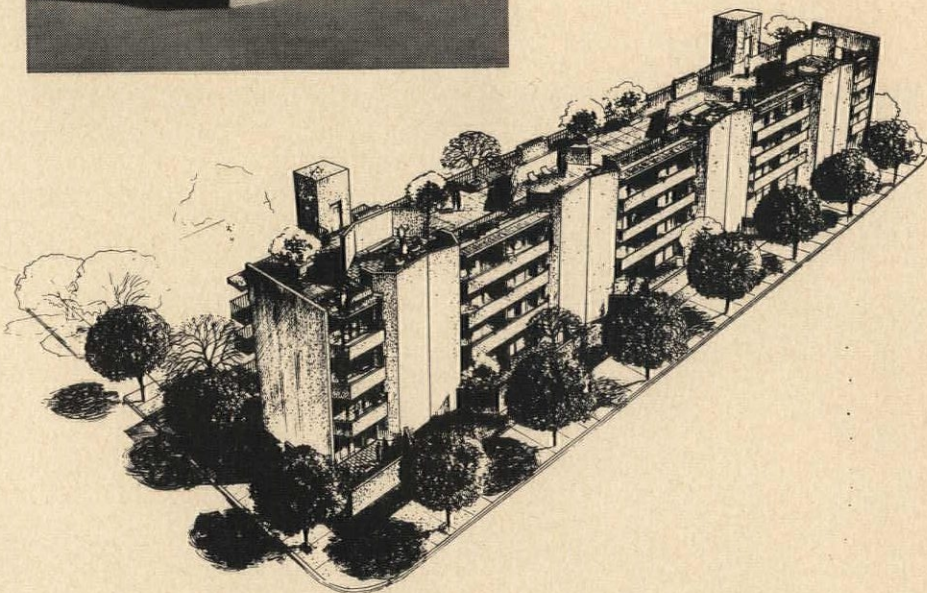
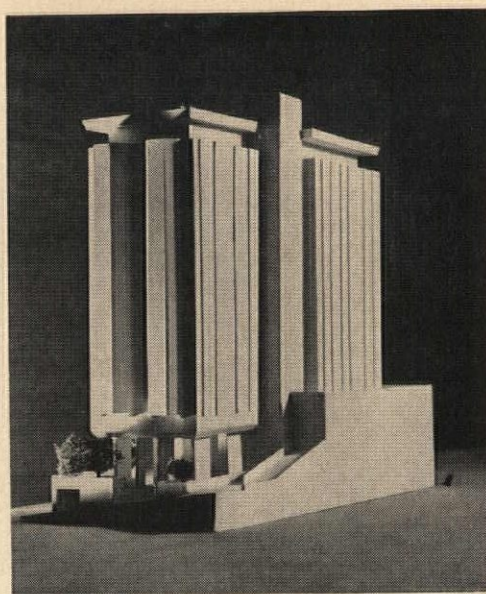
Paraboloid Pavilions for L. I. Beach Club



WESTHAMPTON BEACH, N.Y. Out past the burgeoning "slurbs" of New York's Long Island, where sea and sand and sun still meet, there soon will be the curvilinear new Westhampton Beach Club. On a narrow strip of land between the Atlantic Ocean and Moriches Bay, the club will provide recreation facilities for 250 members.

On the bay side of the site, which is bisected by Dune Road, there will be generous parking spaces, plus a circular dock for temporary docking of small boats. Other boat docking will be against the bulkhead, and there will be a ramp into the water for the loading and unloading of boats.

The buildings on the ocean beach will include three locker buildings, one each for women, men, and families; a dining pavilion; an open air pavilion; and a bar. A swimming pool and a wading pool will be mounted above the beach in their own circular decks. Roof form of the pavilions will be parabolic. Architect: Whittlesey & Conklin.



IMAGINATIVE APARTMENTS FOR SAN FRANCISCO

SAN FRANCISCO, CALIF. The field of apartment design, so sadly in need of fresh thinking, will receive a boost in the Bay Area in the form of two projects by Chan-Rader & Associates.

An apartment building on Russian Hill (*top*) will have two vertical apartment elements placed around the elevator and service core. Typical floor will contain a three-bedroom apartment, two two-bedroom apartments, and a studio flat. The latter space may be divided and rooms added to the other quarters to make a four-bedroom apartment and another three-bedroom apartment. A landscaped roof garden will provide the setting for two penthouses. Living rooms of all apartments except the studios will have contemporary counterparts of San Francisco's well-known bay windows overlooking views of either the bay or the city. The two-story lobby, penetrated by

eight large concrete piers, will be approached through a raised, landscaped garden separating the structure from the street. Enclosed parking will be provided at the rear of the lower level. Consulting Engineer: Chin & Hensolt, Inc.; Mechanical Engineer: Kasin, Guttman & Associates; Electrical Engineer: Smith & Garthorne.

The Jones Methodist Church Apartments for elderly persons (*bottom*) will have an open corridor serving eight apartments on each of its four floors. Concrete bearing walls which separate the back-to-back units, and concrete slab floors, will form the basic structure. All units will have individual terraces. The roof will be developed as a series of raised gardens, separated by the bearing walls, which will terminate here. Structural Engineer: Stefan Medwadowski; Mechanical Engineer: Wistort & Beech.



masonry is an art—And as such it deserves materials that *enhance* the skill of the mason. Lone Star Masonry Cement does just that. It combines all the essential ingredients, except sand and water, in exactly the right proportions. It saves time and trouble. It enables good masons to do finer work with greater precision at less cost. No wonder so many of them prefer Lone Star Masonry Cement. Try it and see for yourself what it can do for your jobs. Lone Star Cement Corporation, 100 Park Ave., New York 17, N. Y.



LONE STAR MASONRY CEMENT

PERSONALITIES

The cinema-buff hero of Walker Percy's National Book Award-Winning *The Moviegoer* would find an architect to his own tastes in **Ransdell Cox**. For the past year, 33-year-old Cox has been working with a non-architect colleague, Ted Brkic, on the filming of a low-budget, full-length film titled "Tracks in the Sand." Dealing with a few weeks in the lives of four young people in New York, the film has attracted the attention of several distributing organizations. One of them, a British firm, is interested in entering "Tracks in the Sand" in the Cannes Film Festival. As this is written, the fate of the movie is still up in the air, so there are a lot of crossed fingers over at the Cox-Brkic office.

A native of Monroe, Louisiana, Cox received his B.Arch. from Tulane University in 1952, after which he put in a 40-month hitch in the Navy. Following a period in the office of Edward D. Stone, during which, among other projects, he worked on the U.S. Pavilion at the Brussels World's Fair Cox opened his own office. So far, his practice has been confined to residential work, with houses in the Poconos and on Long Island. As for the future,



he says he would like to continue to divide his time between architecture and movie-making, concentrating on small commissions and quality, low-budget films. Next film project is "Chimaera," to be shot this summer; there are two more scripts in the typewriter.

Commenting on his life as an architect-film maker, Cox says that it is not as schizophrenic an existence as it might seem at first glance. "There are many similarities between film making and architectural practice," he says. "Aside from conceiving the design in the case of a building and the story ideas in the case of a movie, there is a tremendous amount of co-

ordinating of trades and skills in both endeavors. And just as the putting up of the framework is often the simplest part of building, so the shooting of a film is the comparatively easy prelude to months of editing optical effects, dialogue, music, sound effects, and so on. Of course, through both professions runs the constant thread of financing and keeping the project within a specified budget."

Asked if Cox-Brkic and such people as John Cassavetes and Shirley Clarke represent a *nouvelle vague* in the American film, Cox demurred slightly, saying that he only knows that Hollywood has left a void in the field of art films which Europe is filling. He and Brkic have as their aim trying to fill some of this void with American movies.

P/A Publisher **BRAD WILKIN** was made an Honorary Colonel on the staff of Kentucky Governor Bert T. Combs. . . . Receiving the red ribbon as Fellows at the AIA Convention in Dallas next month will be: **CECIL ABRAHAM ALEXANDER, S. ROBERT ANSHEN, WILLIAM GLENN BALCH, THEODORE C. BERNARDI, ROMOLO BOTTELLI, JR., EDWIN WINFORD CARROLL, WILLIAM WAYNE CAUDILL, ALEXANDER SMITH COCHRAN, CHARLES R. COLBERT, NATHANIEL CORTLAND CURTIS, JR., PAUL WOODHULL DRAKE, FREDERICK W. DUNN, CARL FEISS, CLINTON GAMBLE, GEORGE FOSTER HARRELL, DOUGLAS HASKELL, HERBERT HOWARD JOHNSON, B. KENNETH JOHNSTONE, RALPH H. KLOPPENBURG, HEEREN SAMUEL ELITS KRUSE, HOWARD HAMILTON MACKKEY, HARLAN EWART MCCLURE, SINGLETON PEABODY MOOREHEAD, SETH IRWIN MORRIS, JR., ROBERT W. NOBLE, CLARENCE JOSEPH PADEREWSKY, JOSEPH JULIAN PATTERSON, LISLE FREDERICK RICHARDS, LINN CHARLES SMITH, RAPHAEL S. SORIANO, DONALD J. STEWART, SIDNEY LLOYD STOLTE, JOHN CARL WARNECKE, MAYNARD WINTHROP WOODARD.**

When she left her native Stuttgart in 1938 for a year's study in the United States, **Ilse Meissner Reese** (née Ilse Meissner) did not dream that she would wind up happily married in Forest Hills Gardens and a hard-working Contributing Editor of *PROGRESSIVE ARCHITECTURE*. Of course, World War II broke out in 1939, preventing her return to Germany. Already enrolled at Pratt Institute, Ilse completed the course in Industrial Design there, and worked for Russell Wright for two years. Plagued by a feeling that the industrial design field was "too much talk and too little design," she studied sculpture for a year, winning the annual award for sculpture



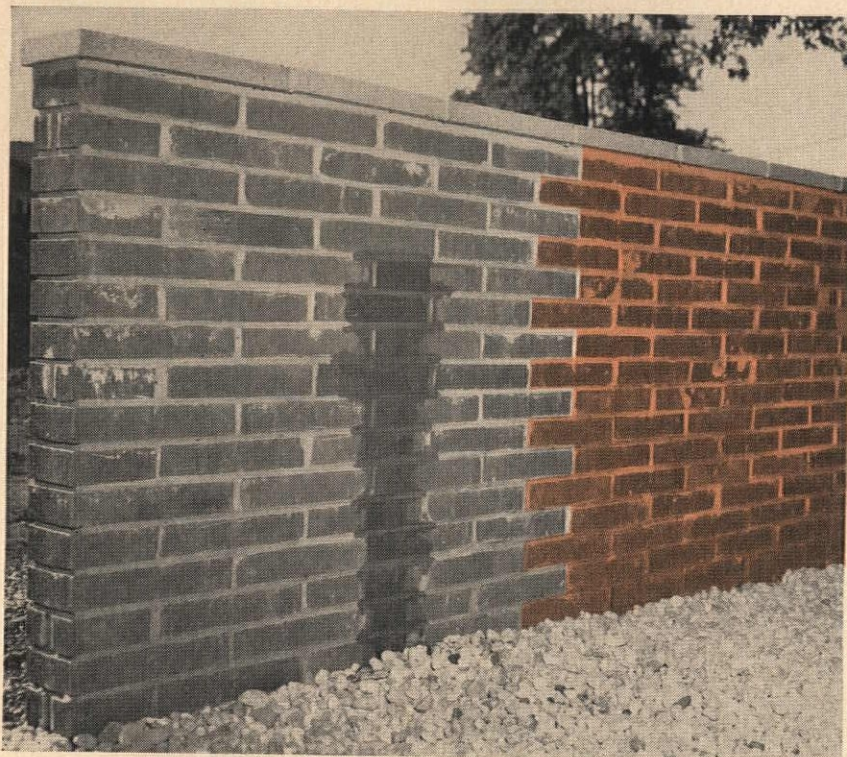
at the Art Students League. Wishing to consolidate her varied training within a profession that would combine both the arts and the sciences, she went back to Pratt for a degree in architecture. On graduation, she became the first woman to win Pratt's Medal of Excellence in Architecture. While still a student, Ilse was brought to the attention of the profession when P/A published her thesis on urban housing (pp. 42-48, FEBRUARY 1947 P/A). She worked summers for the firm of Ketchum, Giná & Sharp, and, after leaving school, was with the firm for five years until her marriage to Baxter Reese. In 1949, the couple moved to Buenos Aires, where Baxter was Standard Brands Sales Manager for Argentina. (He is now the New York-based Advertising Manager for Standard Brands International.) Their daughter, Consuelo, was born in 1950. In 1951, Baxter was called back into Army Intelligence and they were sent to—Stuttgart.

Before joining P/A as Associate Feature Editor in 1955, Ilse spent some months with the Knoll Planning Unit working on a project for a Boston investment firm's offices. Year before last, she decided that she wanted to spend more time at home with Consuelo. P/A, loath to lose completely such a valuable asset, persuaded her to become a Contributing Editor. Now she's creating more feature material than she did full time! (Note the January, May, July, and December issues of this year.)

The lucky visitor to the Reese home in Forest Hills Gardens (Grosvenor Atterbury, Architect; Frederick Law Olmstead, Planner) is likely to enjoy, after some bone-dry martinis by Baxter and a succulent *boeuf Stroganoff* by Ilse, a delightful postprandial concert of Bach partitas on the Stuttgart-made harpsichord (Ilse) and the recorder (Baxter).

NEWS from Dow Corning

How to keep water out



Silaneal strengthens mortar bond; helps prevent leaky walls

See what happens when a brick wall is laid dry with high suction rate brick. That dark area indicates severe leakage. Now, look further along the wall to the right. No wetness here. Why? Because that half of the wall was built of the same brick, plant-treated with Silaneal®. Here's the story.

The wall was built of high suction brick — a 6" SCR brick with a 31 gram suction rate. The brick used in the right hand half had been treated with Silaneal, the sodium silicate treatment that controls suction rate. In this instance, suction rate for the treated brick was reduced to below 20 grams. The brick in the left half were left untreated.

Here's the test. After brick was laid up and mortar properly cured, two streams of water — simulating wind-driven rain — were directed against the wall, one against each half. *In only two minutes*, water had penetrated the untreated section and was soon trickling down the other

side. But after seven hours of this continuous soaking, the Silaneal treated section still showed no sign of leaking!

Walls are stronger. How well mortar does its job depends on its quality and how it cures. And to cure correctly and bond securely, mortar must hydrate slowly, thoroughly. A high suction brick, laid on fresh mortar, immediately draws much of the moisture from the mortar, which results in shrinkage cracks at the brick-mortar interface. But Silaneal controls this suction, slows it, allows mortar to cure properly and bond as it should. In the test above, for example, untreated sections gave a wall strength of 63 lb./sq. ft., while Silaneal treated sections reached a strength of 83 lb./sq. ft.

Brick stays clean. Dirt that falls on high absorption brick is pulled into the brick with the first rain. Silaneal makes the brick surface water repellent so dirt washes away with rain. And when water can't get into the brick, efflorescence is minimized. Clean-up after brick is laid seldom requires more than just simple brushing. And maintenance is reduced because mortar doesn't crumble. Equally important: brick are left free to "breathe" because Silaneal does not fill the pores in the brick and obstruct passage of air.

You can be sure your designs will be stronger, leak-resistant and more attractive by *specifying* that high suction brick be plant-treated with Silaneal to reduce suction rate to the 10 - 20 gram level. For more information about this new building aid and a list of manufacturers now supplying Silaneal-treated brick — write Department 6804.



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NEW FROM JOHNS-MANVILLE:

THE VENTSULATION SYSTEM



...A built-up roof that "breathes"

The new J-M Ventsulation Roof System is an exciting major development in built-up roofing. As the model roof section shown above clearly demonstrates, it is now possible for air and moisture to "ventilate out" of the roof assembly, both during construction and throughout

the life of the roof. Now—for the first time—it is possible to eliminate the blistering, cracking and premature failure once caused by sealed-in air and moisture that had no way to escape!

Here's how this unique new Johns-Manville system allows a built-up roof to "breathe." The Ventsulation Felts are of heavy asbestos, asphalt-saturated and coated, with large mineral granules embedded in the underside. The felts are applied to the deck granule side down, thus providing millions of tiny passages between felt and deck for free outward passage of air and moisture.

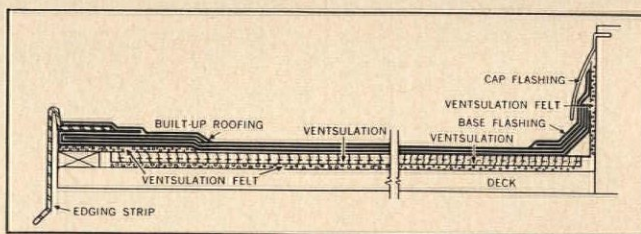
Each unit of the roof insulation itself—either J-M



Roofinsul or J-M Fesco Board—is kerfed on all four edges. This provides still another avenue for air and moisture to travel out of the roof assembly through vent spaces at the edges of the roof.

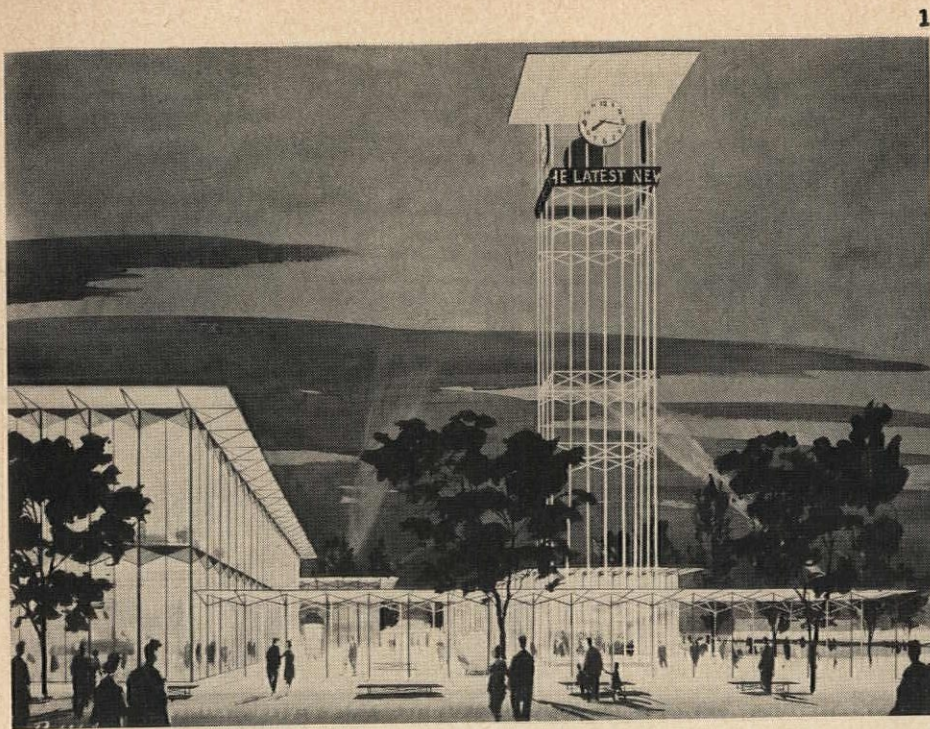
The new Ventsulation System can be applied over any type of roof deck . . . requires no special application techniques. The finished built-up roof and flashings are applied in the usual way.

You can get complete details about this unique and important new breakthrough in roofing by writing for Booklet BU-125A. Address Johns-Manville, Box 158, Dept. PA-462, New York 16, N. Y. In Canada: Port Credit, Ont. Cable: Johnmanvil.



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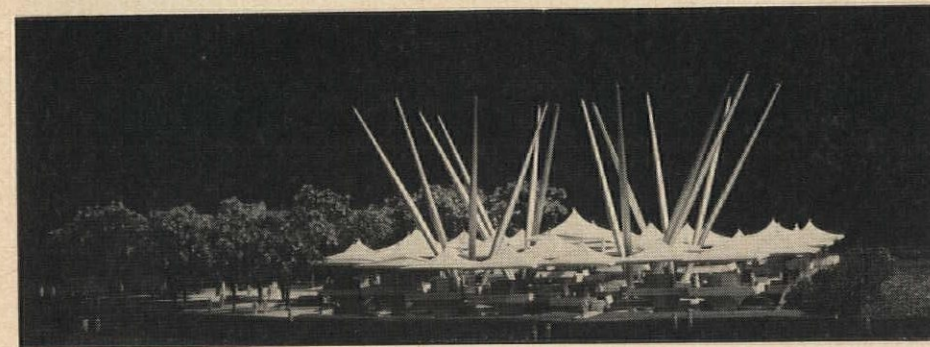


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NYWF DESIGNS GAIN STRENGTH

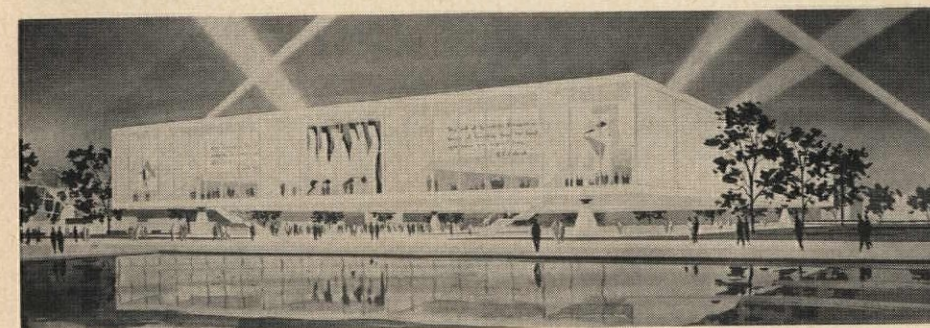
Designs for pavilions at the 1964-65 New York World's Fair have improved in the past few weeks, perhaps because many of the new ones are designed by architects instead of by industrial - interior - graphic - promotional, etc., designers.

The Communications Pavilion (1), designed by Richard W. Snibbe, will house displays by firms in the three basic branches of communications: the press, radio and television, and the communications arts (motion pictures, advertising, records and record equipment, etc.). The project, which will make ingenious use of open-web joists, has been designed around a court that will contain outdoor exhibits and an outdoor café adjoining a restaurant.



2

Winner of the statewide competition for the New Jersey Tercentenary Pavilion at the Fair (2) is Philip Sheridan Collins of Princeton. Twenty-one small pavilions, one for each county of the state, will be situated around a central theater and four interior gardens. The exhibit platforms will rise from a continuous reflecting pool. Roofs will be suspended from 16 nightlighted masts arranged in groups of four. The individual exhibits will have a modular system of frames, panels, and display units, designed for utmost flexibility.



3

The Hall of Medicine and Science (3), by Skidmore, Owings & Merrill, will have exhibits by many firms in the fields of medicine and health. Over-all theme will be "The Family," and there will be two large exhibits on "The Life Span of Man" and "The Prevention of Accidents." There will be a 100-150 capacity auditorium for the showing of health films, lectures, and demonstrations. A pool in the central court will be used for life-saving demonstrations. The hall is viewed by the proposer, The American Museum of Health (an educational, scientific, nonprofit institution sponsored by the New York Academy of Medicine), as a precursor to a permanent Museum of Health.



4

Designed by Frederic P. Wiedersum Associates, the Hall of Education (4) will contain, in addition to exhibits by various firms interested in the education field, a "School of Tomorrow," a "Library of Tomorrow," a "Communications Auditorium" featuring the latest in audio-visual advances, and an "Art Department of the Future" in which a gallery of "living walls" will present full-sized reproductions of famous works.

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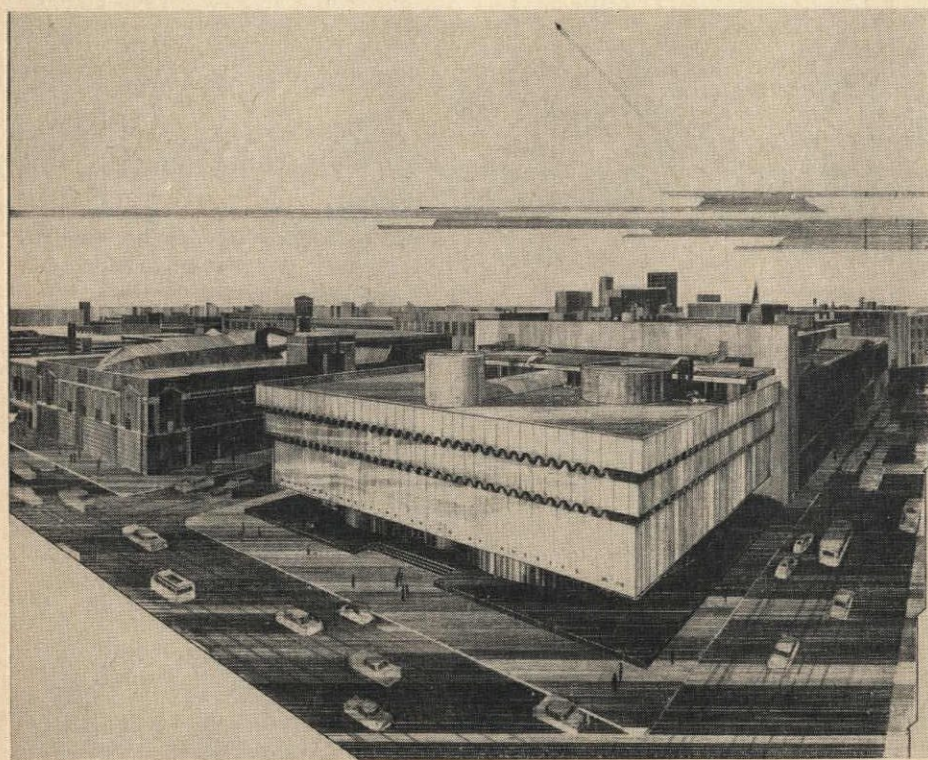
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DOXIADISITIS: FIRST SYMPTOMS

Five model homes (going by such names as Floral, Orchard, Arbor) have been opened recently in the New Eastwick Redevelopment Area of Philadelphia, and will be followed, in the next ten years, by a thicket of 10,000 other row houses. On the 2000-acre site, billed as the nation's largest ur-

ban-renewal development, Doxiadis Associates have planned a grid-iron system of spine streets feeding cul-de-sacs that serve 50-60 dwellings. Through collector walkways and a central esplanade, pedestrians move inward "toward the central core of amenities which serves as a focal axis for the community." A pedestrian scheme in more than one sense, it appears. (An earlier plan for Eastwick, by Geddes-Brecher-Qualls, had wedge-shaped units in crescent-shaped blocks, and won a P/A Design Award in 1960.)

Reynolds Metals Company, a sponsor of the project, has worked approximately 650 pounds of aluminum into each house in the form of carports, canopies, siding, railings and balcony grilles, prefab stairways, garage and entrance doors, fascias, soffits, ductwork—even door chimes. (Several of these represent new applications of Reynolds products.) What's good for Reynolds is good for the homeowner



National Maritime Union Building Under Way

A new building in New York for the National Maritime Union is rising on Seventh Avenue between West 12th and West 13th Streets. The building, by Albert Charles Ledner of New Orleans, will have as basic structure reinforced concrete structural elements, precast concrete facing panels, and two large, circular walls on the first floor under the main mass of the building, which will be composed of 12-in.-sq clear glass blocks. The executive

offices will be found in the circular units on the roof, as well as in a long, rectilinear roof area. Service core containing elevators, stairs, and mechanical equipment rooms will be in a poured-in-place concrete unit at the rear of the property. What was originally raised terrazzo base for the building has been enhanced by the addition of planting to provide a pleasing transition from the sidewalk up into the building.

too: the masonry and aluminum construction of the houses requires a minimum of exterior maintenance. Houses have three and four bedrooms, at prices from \$11,990 to \$14,490. Consulting architects are Wright, Andrade, Amenta & Gane of Philadelphia.



Mies on the Lake Again

Another apartment building by Mies van der Rohe will rise in Chicago on the Lake Michigan shorefront. To stand at 2400 Lake View Avenue, the building will be known as "2400 Lake View Apartments." It will have a concrete structural frame with a natural aluminum curtain wall and gray-tinted glass. Special features of the 264-unit structure will be a heated swimming pool, year-round central air conditioning, and a high- and low-rise elevator system.



Sanctuary Joins Community Center

A synagogue designed by Edgar Tafel Associates will join a 1928-vintage community center on a downtown corner in Gloversville, N.Y. Soil problems on the new project will be solved by use of the foundations of a theater that was recently demolished on the

site. The synagogue will have a lead cornice, exposed roof timber construction, and cavity-brick walls. Tafel states that "It is always exciting to work within the confines of a prescribed envelope of buildings built in the past."

Openings in the Peace Corps

The Peace Corps reports that there are opportunities for architects, builders, and city planners to work in Tunisia. For further information write to Peace Corps, Jules Pagano, Chief, Professional and Technical Division, Office of Public Affairs, Washington 25, D.C.

Improvement Awards

Kalamazoo, Mich., and Pittsburgh, Pa., received the gold and silver medals, respectively, in the Ward Melville Awards for Community Improvement. The awards go to cities which have

done most to improve their "cultural, aesthetic, and economic values."



SOM ON AIR RIGHTS

An office building and a transportation center in Chicago will be the first elements in a multimillion-dollar construction program to be pursued by Anglo-American interests under the leadership of Erwin S. Wolfson. This is virtually the same combine which is currently building New York's Tower of Babel, the Pan-Am Building. The proposed structures will rise over —or is it in?—7½-acres of above-

track air rights leased from the Chicago Union Station Company. Preliminary studies for the office building by Skidmore, Owings & Merrill indicate an 18-story structure on an elevated, landscaped plaza. The plaza would be set back about 20 ft from the curb lines, and the building itself would occupy only half of the full block site. A concourse would run directly through the building. Prime rental space would command views of the Chicago River. Wolfson has revealed that definitive plans for the transportation center are awaiting the outcome of discussions with the Mayor.

COMPETITIONS, AWARDS

We received incorrect information on the competition for new projects at Dublin University [p. 70, JANUARY 1962 P/A]. The conditions are not yet in print; we will give you the news when they are. . . . Entries for the 10th Annual Industrial and Institutional Landscaping Awards Competition must be received by September 1; information from Curtis H. Porterfield, Executive Vice-President, American Association of Nurserymen, 835 Southern Building, Washington 5, D.C. . . . And don't forget to submit your entries for the AISC Competition before April 25; details: page 63.



Neighborhood Center Planned for Diamond Heights

A neighborhood center has been announced by the San Francisco Redevelopment Agency for an open area near the site of the Diamond Heights-Red Rock Hill residential development (p. 37, AUGUST 1961 P/A and p. 60 DECEMBER 1961 P/A). The site development, prepared by Architect Lawrence Lackey as Urban Design Consultant and Royston, Hanamoto & Mayes, Landscape Architect, will in-

clude St. Nicholas Syrian Antiochan Church, an elementary school, branch library, recreation building, and shopping facilities. The elements of the center will be unified by an open green plaza from which green fingers will extend to permit pedestrian traffic. Numbered above are: (1) playground with adjacent recreation building, (2) library, (3) shops and stores, (4) church, and (5) school.

CALENDAR

Construction Specifications Institute has its 6th annual convention at the Biltmore in Atlanta, April 23-25 . . . The 4th International Congress on Prestressed Concrete will take place in Rome and Naples, May 27-June 2 . . . A "Scandinavian Festival" has been announced for Denmark, Norway, Finland, and Sweden, extending from May 15 through June 16; music, drama, and dance will be featured in the major cities of those countries during the period . . . Following suggestions from, among others, Mies van der Rohe and George E. Danforth, two architectural tours of Europe have been scheduled, one from June 1 to 30, the other from June 8 to July 7; contact Henry H. Jayson, Luft-hansa German Airlines, 410 Park Ave., New York 22, N.Y. . . . 8th annual Architectural Hardware Institute will be held at Ohio State University, June 10-16 . . . One feature of the MIT Summer Program will be a seminar on "Planning Industrial Expansion." Directed by Professor Albert Bush-Brown, it will take place July 9-13. Tuition is \$200. Inquire from Summer School Office, MIT, Cambridge, Mass.

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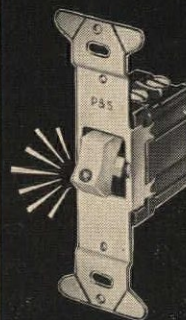
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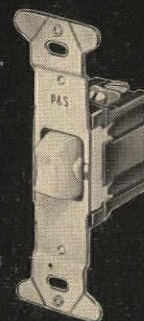
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LEFT TO RIGHT: Kirby Risk, president of Kirby Risk Supply Company, Lafayette, Authorized L-M Distributor, who recommended and supplied the luminaires; James Varga, L-M Field Engineer, and George Mounce, president, Square Deal Electric Company, Inc., Lafayette, electrical contractor who made the installation. The service rendered to the contractor by Kirby Risk Supply Company is typical of the excellent cooperation available from the high grade distributors who have signed up with L-M.



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The Mills of Congress Grind Slow, Not Fine



By E. E. Halmos, Jr.

over excessive spending, and fear of an ever-growing control over the U.S. economy by the Federal Government (particularly the Executive Department).

Both actual spending for construction work and matters that affect the economy of the industry are involved.

Here's a list of significant developments:

1. The vast package of education-aid proposals got a friendly, but not enthusiastic, reception from Congress, which proceeded to take things up in relatively small pieces.

(There's one big part of the package that you can figure won't get anywhere: aid to elementary and secondary schools, and any proposals for help in paying teachers' salaries.)

Both houses passed versions of an aid-to-higher education bill (HR 8900, the Senate okaying \$2.7 billion including scholarships, the House \$1.5 billion); but a conference was blocked by objections from the House floor, which sent the bill back to the Rules Committee and effectively blocked any action, at least until mid-March.

Another piece of this package—\$750 million over 10 years for grants to aid construction of medical, dental, and public health schools—had received a hearing before committees, was slowly working its way along with many amendments.

2. The President's request for standby powers (under which he could spend up to \$2 billion on public works projects if it were found that a recession was imminent or in progress) apparently will get nowhere: The political leverage inherent in such powers is too much for Congress to give away.

3. The House Ways and Means Committee dealt a heavy blow to hopes that tax relief would stimulate factory and office building construction, through credit (8 per cent) against income taxes for new buildings. The committee finally reported out a bill

to allow such credits to manufacturers on machinery and "other productive equipment"—but not on new buildings.

4. To this list you can add the defeat of the plan for establishment of a Department of Urban Affairs.

Reasons why this proposal was killed by a lopsided majority: the political move involved in proposing the establishment of the department as a reorganization plan riled a lot of Congressmen who might otherwise have supported the plan; and there were some doubts as to the need for such a department and the effect it would have on many existing Government activities.

The Urban Affairs idea isn't dead, though there's little chance of any further action in this Congress. However, within minutes of the demise of the reorganization plan, bills were introduced in the Senate to set up a "Department of Federal-State-Urban Affairs," and in the House to set up an "Office of Urban Affairs" in the President's office. Architects who feel deeply on this matter of urban representation might write their Congressmen soon.

Contractors' Capers

Construction contractors are stepping up their campaign to get the Small Business Administration out of the construction industry.

Latest entry is the powerful Associated General Contractors, which argues that most contractors would qualify as "small business" under SBA's definitions (less than \$5 million gross business, not dominant in field); that SBA's insistence on set-asides for small contractors results in a lot of incompetents surviving when they shouldn't and interferes with prime contractor's control of his own job; that SBA is overriding the judgment of qualified engineers and contractors in insisting on awards to smaller firms.

SBA's reaction didn't smooth the situation. Said Irving Maness, deputy SBA administrator: AGC's attack is "silly."

AFL-CIO's Building Trades Department supported the AGC position.

Labor Looks at Architecture

There's an interesting inside story behind Labor Secretary Goldberg's sudden emergence as an architectural advisor to the President. (He is head of an "informal" Cabinet committee that will shortly make recommenda-

tions to the Chief Executive on future Federal buildings.)

Goldberg spent some time at a Cabinet meeting complaining about lack of office space in Washington and elsewhere for Government employees, and poorly organized space in many existing buildings.

For his pains, he was promptly appointed head of a committee, which includes the head of General Services Administration and others, to "do something" about his complaints.

Always enormously energetic, Goldberg plunged in, interviewed architects, engineers, builders, Government employees, and announced early in March he was ready to submit a report and recommendations.

Indications are that the report will follow closely comments made by GSA Administrator Boutin (p. 54, FEBRUARY 1962 P/A): more landscaping, attempts to blend new Federal buildings with their immediate surroundings, plus more emphasis, where possible, on "modern" design and styling.

FINANCIAL

There's a peculiar feeling in the air about financial conditions—a feeling of a kind of a lull, perhaps awaiting spring before full-scale activity gets under way again.

There's nothing in particular to support the feeling—except that unemployment didn't decline in the past month, despite an apparent continuing business strength; and that voters in November turned down more bond issues for construction than they approved.

Otherwise, general business activity seemed to be going along in good shape: the gross national product apparently was on the upswing; housing seemed to be making a strong beginning for the year; and Government economists seemed to have lost no confidence in their predictions of a record business year for 1962.

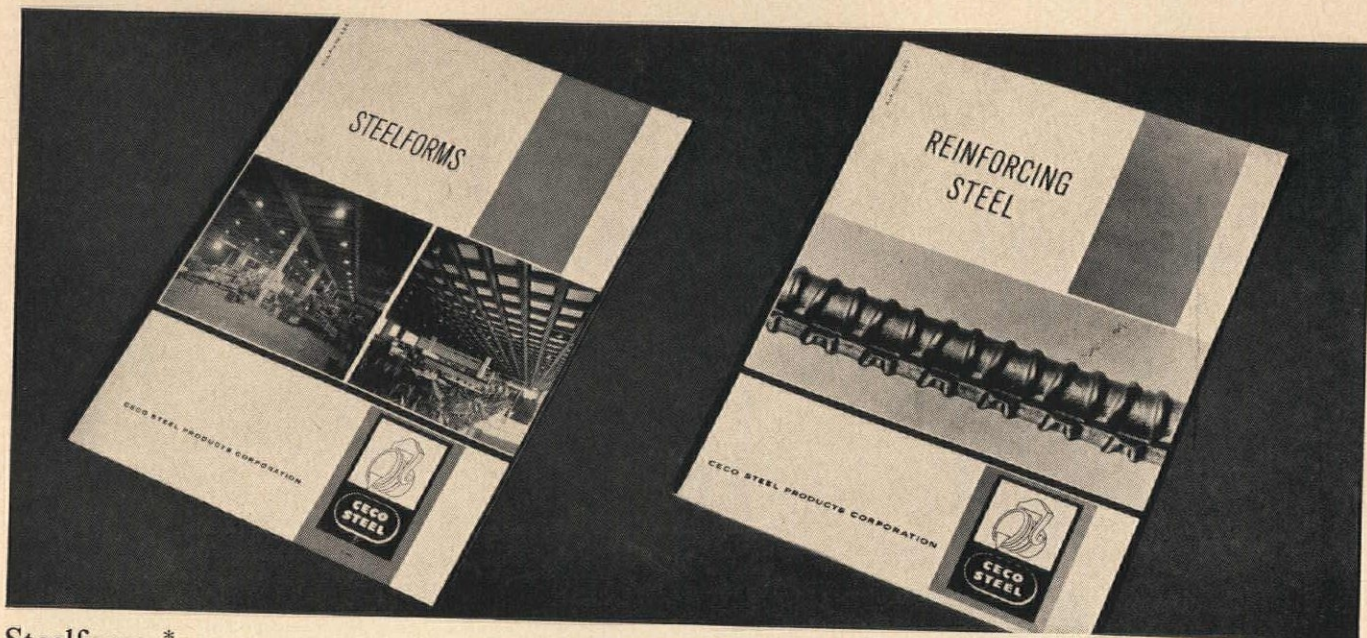
Factors probably contributing to the "lull" feeling are: the wait for conclusion of the long negotiations over steel-industry wages; other wage disputes due to arise as spring bargaining time arrives in many areas; and a long unusually heavy winter in a large sector of the U.S.

But a little more scratching for new business, and careful attention to existing sources, seemed to be a matter of prudence for most concerns—particularly those connected with construction.

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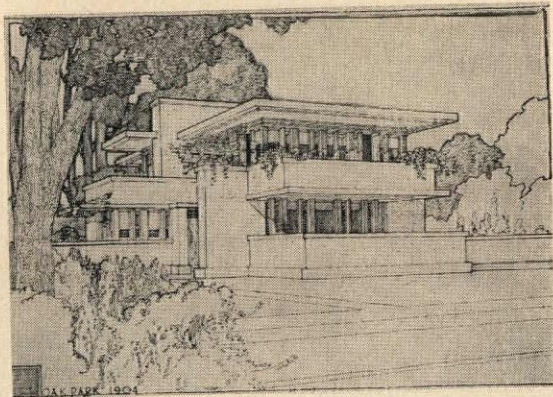
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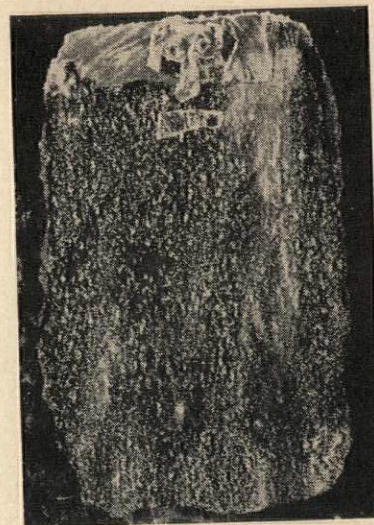
Last month, the Museum of Modern Art had two notable exhibitions running concurrently: "The Drawings of Frank Lloyd Wright" and "Jean Dubuffet." The Wright show will remain until May 6.

Enough Wright drawings to fill all the first floor exhibition areas were amassed by Wilder Green and Arthur Drexler from more than 8000 in the files of the Frank Lloyd Wright Foundation. The well-known Wright genius for presentation is here documented from its earliest to its latest days;

the drawings form, it is hoped, a significant object lesson for those present-day architects who cannot be bothered by such a "detail" as imaginative rendering. Shown here is Wright's drawing for the Mrs. Thomas H. Gale house, Oak Park, Illinois, 1909.

This viewer went to the Museum's Dubuffet show to scoff and remained to praise. Having had a slight exposure to some of this artist's more scabrous works in the "arty" pages of

some of our consumer magazines, we conceived of Dubuffet and his *art brut* tendencies as dour and misanthropic in the extreme. Not so. "The Source of the Beard" (1959), shown here, dates from the end of the period when Dubuffet was doing works that could be as amazing and startling and funny as anything by Paul Klee. Lately, his palette has become extremely colorful in scenes of Paris and its people.



Continued on page 82

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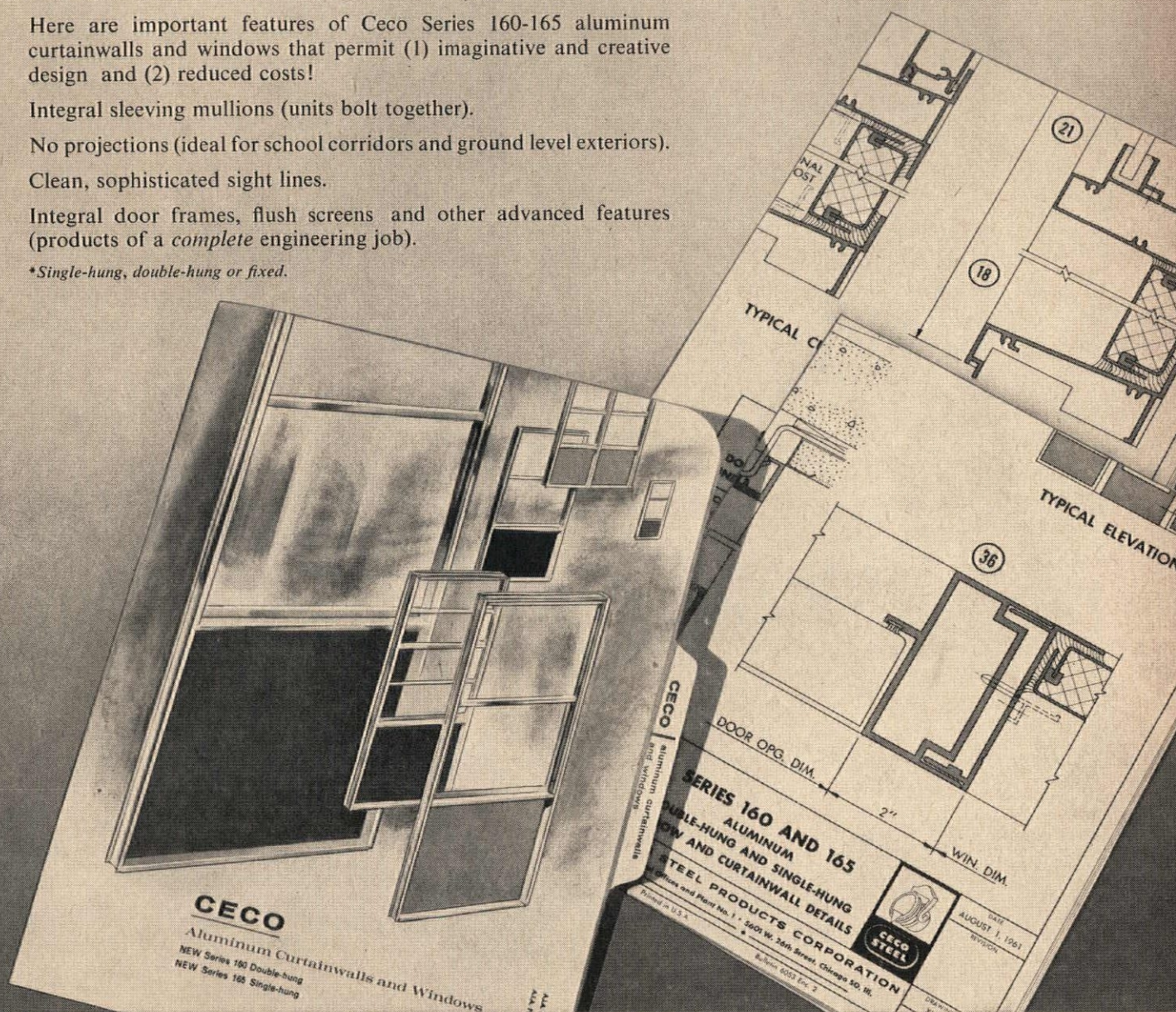
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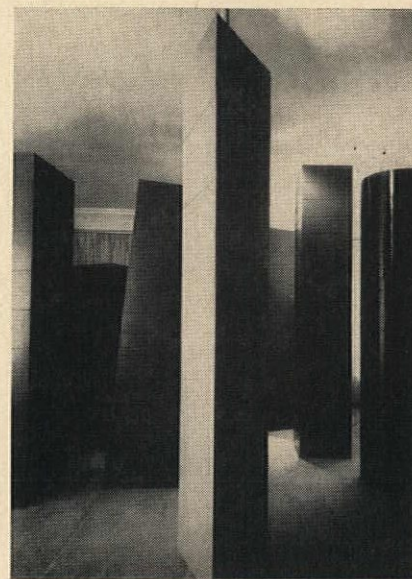
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AIR DIFFUSERS



The giant canvases of Fernand Léger often impress one with the feeling of a circus balloon anchored to the ground by a dark stone. This feeling persisted in the recent show at the Solomon R. Guggenheim Museum, which also included many smaller studies. "The Great Parade," with its atmosphere of luminous color and vital forms contained in the framework of a heavy delineation, is illustrative of the techniques that pervade Léger's oeuvre.



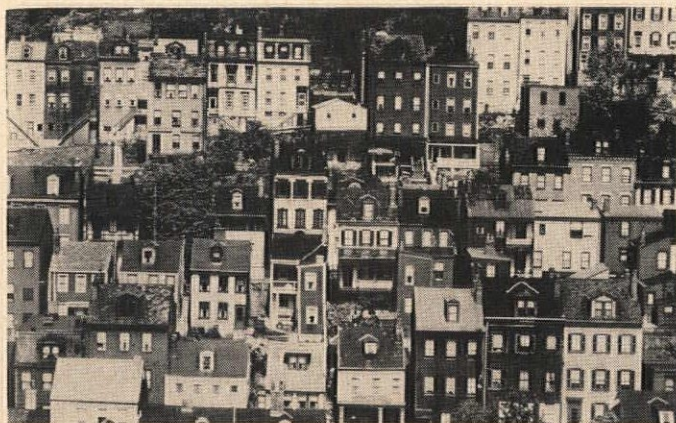
Mathias Goeritz's new shapes and forms at the Carstairs Gallery were presented, Goeritz writes, "as a statement; a protest against almost all I have produced under the name of art; and a protest against myself as an artist. Art has been violated and is dead." Both his plaques called "Golden Messages" and his vertical "Red Realizations" (shown) were based on Biblical texts. The "Realizations," the more interesting of the two, used as inspiration *Ecclesiasticus* 1:9: "The thing that hath been, it is that which shall be; and that which is done is that which shall be done; and there is no new thing under the sun." A solemn, if sincere, statement for an impressive group of multishaded red shapes among which it was a moving experience to wander.

For more information, circle No. 424 ➤



Series of 21 sculptured designs is now available in "CV Durathin" line of ceramic facing material notable for its thinness ($\frac{3}{8}$ "), lightweight (4 lb/sq ft), and large size units (maximum: 18" x 24" on centers). Design 13 is shown; architects may also create their own surfaces. Units are available in a wide range of colors, and solid or mottle colors may be specified in gloss, satin, or unglazed finishes. Federal Seaboard Terra Cotta Corp., 10 E. 40 St., New York 16, N.Y.

On Free Data Card, Circle 100



A Mondrianesque abstract tile mural representing the houses on the side of Mount Washington in Pittsburgh adorns the wall of the canteen of local advertising agency Ketchum, MacLeod & Grove. "Vitratile" colors of the ceramic glazed structural clay facing tile reflect the multicolored houses on the slope of the steep hill. Tinted mortar integrates colors in the mural and eliminates lines. Each tile measures $3\frac{3}{4}$ " x $5\frac{1}{16}$ " x $11\frac{3}{4}$ ". Designer of the wall was agency art director Ed Hall. Natco Corp., 327 Fifth Ave., Pittsburgh 22, Pa.

On Free Data Card, Circle 103

"Ceramaflex" floor tile withstands heavy usage in institutional and commercial installations, comes in 12 patterns including eight random arrangements of matching colors and four solid color designs. The rubber-mounted units measure 9" x 9" and possess an extra thickness of $9\frac{32}$ ". The unglazed natural clay ceramic mosaic tiles are surfaced-sealed at the factory for protection during installation. They have high scratch resistance, will absorb less than 3% of water by weight, and are not affected by common acids and alkalis. The tiles are described as having a "very good" thermoconductivity. United States Ceramic Tile Co., 217 Fourth St., N.E., Canton 2, Ohio.

On Free Data Card, Circle 101

Terrazzo floors successfully withstand brutal treatment in the Boston College Campus Skating Rink. The floor is of brown and tan terrazzo, which is covered by a layer of ice $1\frac{1}{2}$ " thick and weighing about 90 tons for ice hockey games and communal skating of the students. When not in use for ice sports, the defrosted rink is used for dances, exhibits, community fairs, and assorted college activities. The National Terrazzo and Mosaic Assn., 2000 K St. N.W., Washington 6, D.C.

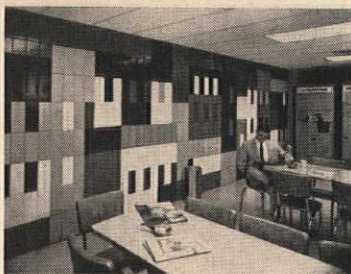
On Free Data Card, Circle 102

Masonry Products



Textured marble tiles are achieved by "guillotining" $1\frac{1}{2}$ "-thick sections from long rectangular blocks in 4" x $1\frac{1}{4}$ " or 6" x 2" modules. These are then assembled into 12" x 5" and 12" x 6" tiles using a color-matched epoxy bonding agent. Comparatively light weight of 61 lb/sq ft makes "Salirpre" tiles feasible as curtain wall spandrels. Product is available in several colors and textures of Italian marble; creates a distinctive surface for exterior or interior applications. Gladiator Marble & Importing Co., 5911 Lemona Ave., Van Nuys, Calif.

On Free Data Card, Circle 104



More masonry products on next page

MASONRY PRODUCTS cont'd



Ceramic over Plywood

New system for floors requiring high chemical resistance, strength, long life, and economy involves the installation of ceramic tile directly over a plywood subfloor using an epoxy-base adhesive and grout developed at the Princeton, N. J., research center of the Tile Council of America. A test installation of "AAR-II" (council designation for Acid-Alkali Resistant, two-part system) was made in a kitchen area at Fort Belvoir, Va., last year and has performed most satisfactorily, according to observers and users. Satisfactory installations have also been made over concrete, wood, and steel plate. The four companies now marketing AAR-II are Cambridge Tile Manufacturing Co., Summitville Tiles, Inc., The Upco Co., and L & M Tile Products, Inc. The Tile Council of America, Inc., 800 Second Avenue, New York 17, N.Y.

On Free Data Card, Circle 105

Durable Coating for Masonry

"Desco Nyocon" protective coating for masonry must pass a 1500 "Weather-O-Meter" test without deterioration, must be unchanged after 100 hours exposure at 100% relative humidity with a temperature of 100F, and must be self-extinguishing after five minutes of exposure to a 2000 F flame. It provides a hard finish which is resistant to most acids and alkalis, plus bacterial and fungus growth. It is available in a wide variety of colors, is also a good coating for ships,

bridges, and structural steel. Desco International Association, Box 74, Buffalo, N.Y.

On Free Data Card, Circle 106

Masonry Unit of Converted Stone

"Brikerete," a masonry building unit composed principally of converted stone in the form of gravel, crushed rock, and other mineral aggregates, is a block possessing a bi-nuclear interior opening which creates a "buttressed web" to give strength to walls and support to the course above. The units, which have color evenly distributed throughout at the factory, come in "modular" and "standard" sizes. Advantages claimed over existing products include greater strength, lighter weight, use of fewer units and less mortar, and superior insulation area. Brikerete Associates, Inc., Holland, Mich.

On Free Data Card, Circle 107

Surface Treatment for Cement Block Walls

The economic advantages of interior cement block walls are often lost by maintenance factors involved in keeping plaster or regular paint up to snuff, or in covering the blocks with another, perhaps expensive, material. To answer this problem, PPG has developed a coating system for cement block walls which is highly resistant to abrasion, stains, dirt, and chemicals. "Pitt-Glaze Block Walls System" will withstand rough industrial cleaning treatment such as steam hoses or mechanical scrubbers. The system uses first a couple of coatings of a heavy consistency water-dispersed block-filler, both applied in the same day. After this has dried, the surface is finished by applying a glaze treatment available in high gloss or satin sheen. Since this is a clear finish, any desired color may be obtained by tinting the filler with colorant before glazing. For maximum effectiveness, two coats of the glazing finish are recommended; they may be applied not more than an hour apart. Pittsburgh Plate Glass Co., 632 Fort Duquesne Blvd., Pittsburgh 22, Pa.

On Free Data Card, Circle 108

Don't Do Without the Dry Tile Grout

"Sno-Brite" is a dry tile grout which actually comes in both white and gray

colors. No pre-soaking or wetting is necessary; the grout requires a minimum amount of water. Joints can normally be struck in 10-20 minutes, and the dried film formed on the tile face is easily removed with a dry cloth. A firm hardness occurs in one day; complete cure takes three or four weeks. The grout should be used as is; the proper amount of sand is already in the material for grouting floor tiles. Technical Adhesives, Inc., 3500 Church St., Evanston, Ill.

On Free Data Card, Circle 109

Savings in Money, Weight, Labor for Terrazzo

A new use for an established product has yielded a technique of applying terrazzo flooring which affords real savings in costs and application time. The material is "Rockweld C," originally developed as a bonding agent for repairing concrete highway curbs. A thin coating of the compound is spread on wood or concrete floors (eliminating customary materials such as sand, tar paper, concrete fill, and wire mesh), and within an hour—or considerably earlier than usual—the terrazzo topping is installed. After final grinding and polishing, the terrazzo slab is only about 1/2" thick as compared to 2 or 3 in. using the old method. Total weight of the thin slab is only 5 or 6 lb per sq ft, allowing specification of terrazzo floors in a much wider variety of buildings than before. The manufacturer is starting a network of licensed contractors to install terrazzo under factory specifications and guarantees. Preco Chemical Corp., 589 Main St., Westbury, N. Y.

On Free Data Card, Circle 110

One-Coat Paint for Masonry Exteriors

A one-coat, vinyl masonry paint for exterior use has been tested extensively in hot, damp areas of the country for up to five years and has proved successful. The paint, available in a variety of colors, dries to a dead flat finish and resists chipping, blistering, and peeling. It is applied directly to the surface without the use of primers, sealers, or undercoats. The coating contains ingredients which are not affected by moisture and chemical reaction, and hence obliterate "saponification," the softening, blistering, and peeling of paint due to moisture. Because of its high reflective qualities, the paint is said to be able to reduce interior temperatures by up to 20 de-

greens in hot, sunny months. Sapolin Paints, Inc., 205 E. 42 St., New York, N. Y.

On Free Data Card, Circle 111

Storage System Supplies Own Walls

Those who like clean-looking shelf and storage walls should take to System Cado by Danish designer Poul Cadovius. Teak, pine, light oak panels or siding running either horizontally

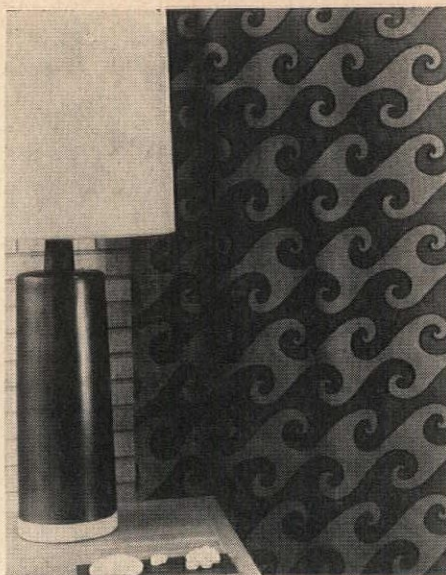


or vertically, have inconspicuous strips for bracket connections; strips are, in effect parallel rows of holes drilled obliquely into the paneling. Brackets with angled wood dowels fit into the holes to support shelves or a variety of case pieces in the same three woods; no other supports are necessary. Panels can be mounted singly or in series on existing walls or erected as double-sided partition walls to provide for storage in two areas. A pole system designed on the same method is also available. Royal System, 1130 Third Ave., New York 21, N.Y.

On Free Data Card, Circle 112

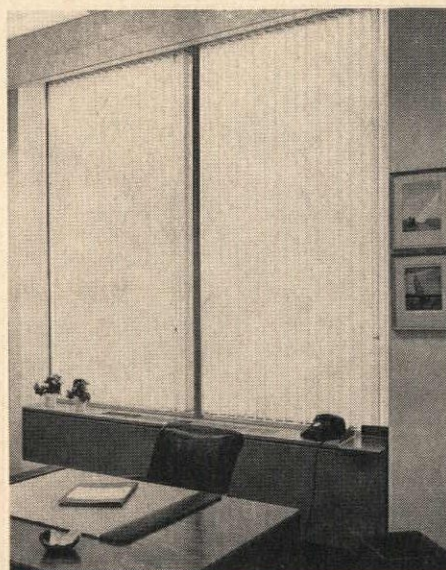
Contemporary Printed Fabrics

Natural motifs are the inspiration for a collection of prints designed by Eleanor and Henry Kluck. The striated pattern, which is silk screened on medium-weight linen, is called "Sunset" and is available in combinations of red-orange, yellow-lime-pale orange, blue-green, and red-violet. "Sea Scroll" is a reinterpretation of a Cretan symbol and is printed on Saran-spun—a synthetic fabric designed to resist soiling and wearing in any climate. Its colorways are: blue-green,



gray-rust, and white-natural. Elenhank Designers Inc., 347 E. Burlington Street, Riverside, Ill.

On Free Data Card, Circle 113



Vertical Louver Blinds

These blinds rotate in a fixed position, insuring a controlled appearance to the exterior of a building as well as maximum light for the interior. A single control rod operates the synchronized movement of the head and sill channels for the louvers, which rotate 180 degrees on nylon bearings. Elkart Corp., 1500-02 Illinois St., Des Moines 14, Iowa.

On Free Data Card, Circle 114

Fiberboard Sheathing's Insulation Value Rated

The Insulation Board Institute has established rated insulating values for

the regular fiberboard sheathing produced by its fourteen member companies. Surface-to-surface heat resistance values (R-values) have been set at R 2.06 for 25/32-inch insulation board sheathing and at R 1.32 for 1/2 in. fiberboard sheathing. IBI member companies will now stamp the "IBI Rated Seal" on their sheets of regular fiberboard sheathing. It is said to be the first time that a trade group has rated a sheathing material for its insulating value and focuses attention on the superiority of insulation board sheathing. Insulation Board Inst., 111 W. Washington, Chicago, Ill.

On Free Data Card, Circle 115

Luxury Flooring of Leather Tiles

Nine-inch-square leather tiles of fine, firm cowhide create a flooring material with a truly rich look for executive offices, apartments, homes, and libraries. Installation tests over the past five years, plus abrasive tests at independent laboratories, have indicated that the tiles are quite durable and, may expect a long life. Ordinary cleaning and waxing will take care of most stains; a simple bleach may be used for major stains. Minor indentations due to heavy furniture, etc., soon disappear because of the material's resiliency. Because leather is a natural insulating material, tiles are comfortable to the touch at all times. Costs are in line with those of fine carpeting. Installation is accomplished using a special adhesive. Leather Tile Industries, Hanover, Pa.

On Free Data Card, Circle 116

Lightweight Panels of Porcelainized Aluminum

New line of porcelain-finished aluminum panels is priced to equal porcelain-enameled steel; with lighter weight, however, and resulting savings in transportation and installation, the in-place cost of aluminum panels may actually be lower than steel, the manufacturer believes. Several other advantages over porcelain-enameled steel are cited: aluminum panels can be sawed, drilled, or punched without chipping the porcelain coating. In addition, there are no unsightly rust stains at bare edges or drilled holes. The new panel products, made from Kaiser embossed enameling sheet, are available in veneer, insulated, and glazing types. Mapes & Co., Div. of Mapes Industries, Lincoln, Neb.

On Free Data Card, Circle 117



After Styrotac™ bonding cement is applied to either the wall or to Styrofoam, the insulation is pressed in place (center). After overnight setting, gypsum wallboard is either spot-coated or notch-trowelled with Styrotac and pressed in place over the Styrofoam insulation (right).

STYROFOAM®

Here's a new step-saving, cost-saving method using Styrofoam insulation for insulating masonry structures which produces permanently high insulating values, provides a solid base for wallboard, and eliminates the problem of nail-popping . . . all in a single operation.

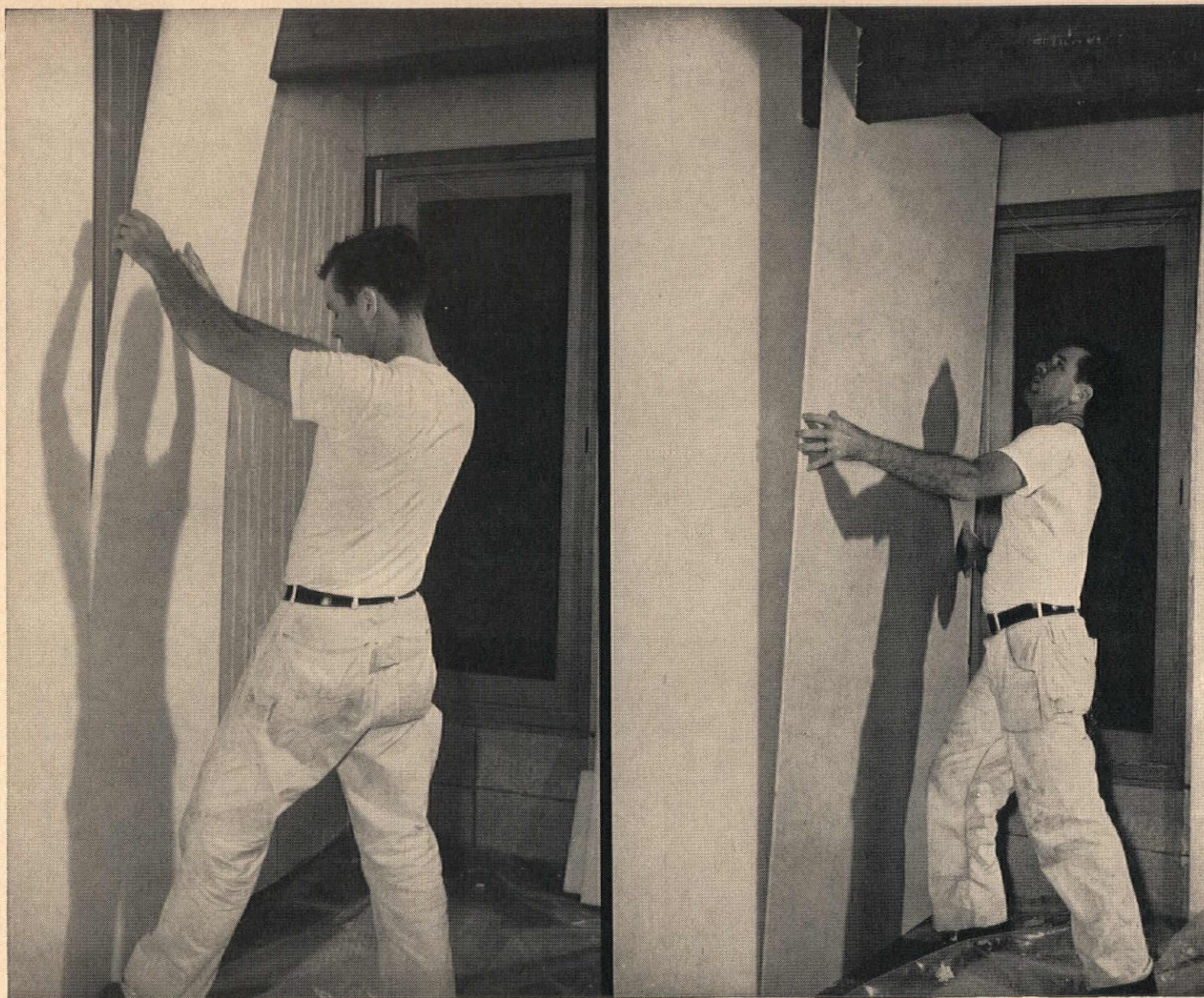
This new method makes use of Styrotac to bond Styrofoam brand insulation board directly to the inside face of the masonry wall, as illustrated. After the bonding cement has set overnight, gypsum wallboard is then adhered to the Styrofoam insulation using the same material.

Using this method, furring and lathing are eliminated, producing a solid insulated wall with no hollows. There is no wood present for insects to feed on, no nail holes to fill and "pop," and the completely-supported wallboard will

not bow in or warp. This new insulating method, developed by Dow, offers architects a means of building-in the quality of double-laminate walls, using only a single thickness of wallboard.

Styrotac can be applied to dry absorbent masonry surfaces without first wetting the surface, or it can be applied to the Styrofoam. Either spot application or full coverage using a notched trowel is recommended. Only firm hand pressure against the boards of Styrofoam is required to bond them solidly to the wall.

For wet plaster installations, Styrofoam insulation is first bonded to the masonry wall with Styrocrete® or portland cement mortar. Wet plaster is then applied directly to the face of the Styrofoam. The cellular structure of Styrofoam



New insulating method saves money, saves steps in masonry construction

insulation provides positive keying action to the plaster, producing maximum bond strength.

STYROFOAM insulation board provides permanent insulating values for masonry buildings because of its high resistance to moisture, and its low "K" factor. Styrofoam rigid foam insulation contains millions of tiny non-interconnecting air cells which don't soak up water or moisture, don't rot or mildew. *No separate vapor barrier is needed!* And because Styrofoam insulation has no food value, it doesn't attract insects or vermin. In addition, the high insulating efficiency of this insulation keeps heating and cooling costs to a

minimum, year in, year out.

For more information on the time-saving, cost-saving advantages of using Styrofoam insulation and this new insulating method for masonry construction, write THE DOW CHEMICAL COMPANY, Midland, Michigan, Plastics Sales Dept. 1301EB4.

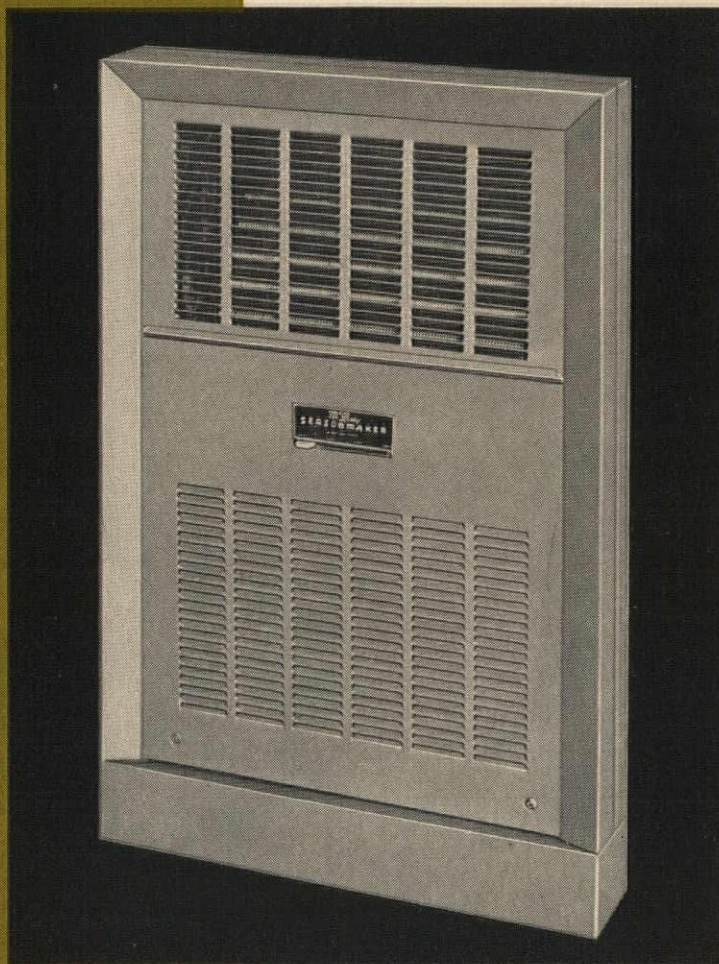
Styrofoam is a registered trademark of The Dow Chemical Company. It is applied only to the homogeneous expanded polystyrene made according to an exclusive Dow process. Styrofoam brand insulation board is available only from Dow and its authorized representatives.

THE DOW CHEMICAL COMPANY



Midland, Michigan

best looking,
best designed,
best built,
and
**whisper
quiet**



Seasonmaker JUNIOR

REMOTE AIR CONDITIONER

Now you get the best in looks, best design, best construction, and whisper-quiet operation in a new remote-type air conditioner—the Seasonmaker Junior from McQuay. Attractively and compactly designed with no protruding knobs, the Seasonmaker Junior's clean lines and neutral grey-beige enamel finish complement any decor. This new unit delivers full rated capacity, with up to 20 percent diversion of air to an adjoining room when used with the adjoining room assembly.

An exclusive new rheostat-type slide bar control—only from McQuay—permits modulation of air volume from 50 to 100 percent, while half-inch rigid fiber glass insulation guarantees quietest operation. And because the Seasonmaker Junior has more coil than any other unit of its kind—McQuay's famous Hi-F ripple fin staggered three-row coil—full moisture removal is assured.

Developed by McQuay for single-room installations where space is at a premium, the Seasonmaker Junior goes between the studs for both remodeling and new construction applications. It is available in two sizes—150 and 300 cfm—and two models—recessed and free standing. Accessories include the adjoining room assembly, a fresh air intake assembly, and a decorator base.

For more detailed information, see your McQuay representative, or write McQuay, Inc., 1638 Broadway N.E., Minneapolis 13, Minnesota.



PLANTS AT FARIBAULT, MINN. • GRENADA, MISSISSIPPI • VISALIA, CALIFORNIA

MASONRY

Finished Structural Wall in One Masonry Operation

Folder, 6 pages, presents "Trazatex" faced buildings blocks, which give a finished structural wall in one masonry operation. Under the patented process, body and face are formed simultaneously and are cured as a monolithic all-concrete unit. Blocks are precision-ground, polished, and sealed. The result is a strong, sparkling material that is economical, enduring, and maintenance-free. Folder shows available sizes and shapes, gives standard specifications, and suggests some of the many colors that are possible. Marble Face Blocks, Inc., Subsidiary of Multiplex Concrete Co., Inc., Michigan Ave., Kenilworth, N.J.

On Free Data Card, Circle 200

Ceramic Modules for Façade Treatment

New "Ceramic Façade Systems" offer unusual variety in the treatment of façades for new and old buildings. Three-dimensional sculptured ceramic tile is manufactured to the architect's design; all edges and surfaces are covered with a heavy ceramic-glaze coating to prevent moisture from entering the clay core and damaging the tile. Although the shape of the sculptured tile is designed by the architect, Metalframe offers the complete design service including aluminum or stainless-steel framing members. Folder shows two actual installations, one with exposed framing, the other with concealed framing members. Separate page depicts in color a number of the specially designed ceramic modules. Metalframe, 5832 E. 61 St., Los Angeles 22, Calif.

On Free Data Card, Circle 201

New Industry Standard for Ceramic Tile

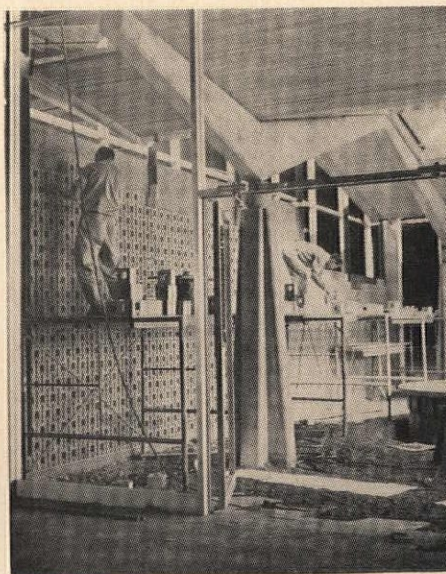
Standard types, sizes, shapes, and grades of ceramic tile for walls and floors are described in a new industry standard just issued by the U.S. Department of Commerce. Entitled *Ceramic Tile for Floors and Walls*, the new standard is the fourth edition of the series, which was first issued in 1927 and has been revised as needed to reflect changes and improvements in industry methods. The present revision includes new details on flat wall

and floor tile, mosaic tile, and quarry tile, and new illustrations of the currently used matching trim shapes. Two notable additions are a modular-size series of ceramic mosaic tile, and data on the new ceramic mosaics with abrasive content for safer floors where greater resistance to slipping is desired. Another important feature is a system of grade-marking each package to assure purchasers that tile is of the grade specified. Write (enclosing 10¢) to: Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C.

Brick Floors That Wear Well

Folder, 4 pages, illustrates brick floors with corrosion-resistant and wear-resistant joints of $\frac{1}{4}$ " or less in thickness. "The narrower the joint, the better the floor" it is explained. Full product description and specifications for "Embeco" are included. Mortar made with this nonshrink metallic aggregate gives long life and low maintenance both to new brick floors and the repair of existing ones. The Master Builders Co., Div. of American-Marietta Co., 2490 Lee Blvd., Cleveland 18, Ohio.

On Free Data Card, Circle 202

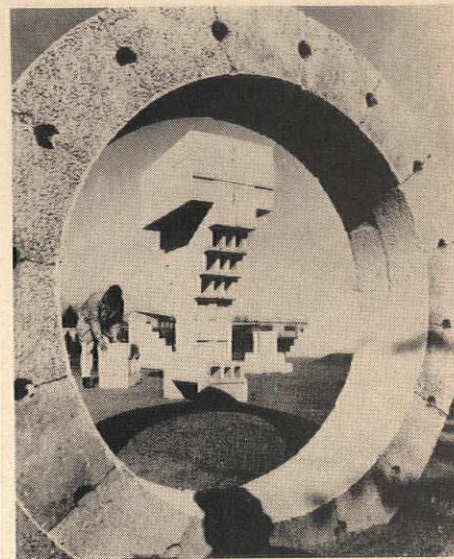


Epoxy Adhesive

Case-history reports on "Concresive" epoxy adhesive show the clean, yet amazingly strong, results achieved on two decorative-block screens. Construction procedures are described and photographed. Cost savings over conventional mortaring are cited. The data sheets also show the several methods of applying Concresive.

Adhesive Engineering, Div. of Hiller Aircraft Corp., 1411 Industrial Rd., San Carlos, Calif.

On Free Data Card, Circle 203



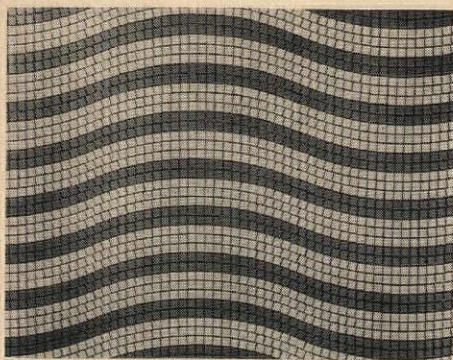
Remarkable Bonding

Information package on the recently introduced "Threadline Mortar" is available. Tests have shown that this remarkable adhesive for bonding masonry units is five times stronger than ordinary mortar. (Actual mortar strength could not be reported because, in all cases, Threadline was stronger in bond, flexural, and lateral strength than the masonry units themselves.) The product offers numerous other advantages over ordinary mortar: it cures nine times more rapidly, lays twice as quickly. In the information folder are 8 pages of questions and answers concerning costs, availability, application techniques, present jobs underway or completed, appropriate uses, properties, union response, code acceptance. A 4-page specifications bulletin is included, plus another 4-page bulletin on mixing and application. Test results are also available. Raybestos-Manhattan, Inc., Adhesives Dept., Bridgeport, Conn.

On Free Data Card, Circle 204

New Patterns for Floor and Wall

Two brochures from Cambridge Tile, each 4 pages, show their new designs in ceramic tile. New "Serpentine" pattern (shown) uses a patented method whereby $1'' \times 1''$ or $2'' \times 2''$ tiles are precision-mounted on $2'$ sheets to give a uniform hand-set appearance to the unique design. Serpentine floors are available in solid color or multicolor



combinations. Second brochure presents "Suntile Granite" textured ceramic mosaics for floors and walls. The various patterns are designed by Max Spivak. Again, the patented "Setfast" method is used to insure labor-saving, strong, and handsome installation. The Cambridge Tile Manufacturing Co., P.O. Box 71, Cincinnati 15, Ohio.

On Free Data Card, Circle 205

Masonry Reinforcement

Data folder from Dur-O-WaL, a total of 14 pages, gives recommendations on masonry-wall reinforcement. The several reports cover the use of Dur-O-WaL with: (1) glass block; (2) stacked-bond masonry; (3) cavity walls; and (4) in combination with control joints. A brief specification for the location of control joints is also included. Dur-O-WaL Div., Cedar Rapids Block Co., 650 Twelfth Ave., S. W., Cedar Rapids, Iowa.

On Free Data Card, Circle 206

Precast Wall Panels

Bulletin from the Mo-Sai Institute, 8 pages, illustrates precast facing and curtain-wall panels. Color photos show a few of the wide variety of colors and textures, a variety that can "suit the widest architectural expression." Method of fabrication is shown, also anchoring and handling methods. Bulletin describes the physical characteristics of Mo-Sai, and gives complete specifications. Mo-Sai Institute, Inc., 166 Chapel St., New Haven, Conn.

On Free Data Card, Circle 207

Special Effects in Ceramic Tile

Bulletin, 4 pages, shows the distinctive tile designs manufactured by Pomona for special effects. "Sculptured" tile line includes 6 designs created by Saul Bass, George Nelson, and Margaret Lowe. The "Designer" series includes several handsome designs that

may also be used as accents, stripes, panels, or over-all effects. In the "Scored" tile series, 6" x 6" units are made up of 1" x 1", 2" x 2", 1" x 2", or 1" x 6" modules. Unglazed scored areas are quickly grouted, saving considerable installation time and expense, and giving a mosaic appearance with perfectly aligned joints. Brochure also gives data on standard floor and wall tile—finishes, sizes, edges, and special features. Pomona Tile, 629 North La Brea Ave., Los Angeles 36, Calif.

On Free Data Card, Circle 208

Color Co-ordinated Tile

Color Planner illustrates 36 co-ordinated color schemes for bathrooms (residential, commercial, and institutional) on a large sheet suitable for wall hanging. The 12 basic color schemes (with 3 variations on each) were assembled by Miss Lee Childress, color-planning specialist. Each plan shows one of the new (1961) patterns in 1 1/8" square unglazed mosaics, co-ordinated with Stylon's bright glazed wall tile, Stylon's countertop "V-Cap," an alternate selection in natural-clay mosaics, and American-Standard plumbing fixtures. Stylon distributors and showrooms are listed on reverse. Stylon Mfg. Corp., Box 341, Milford, Mass.

On Free Data Card, Circle 209

Specs and Details for Exterior Marble

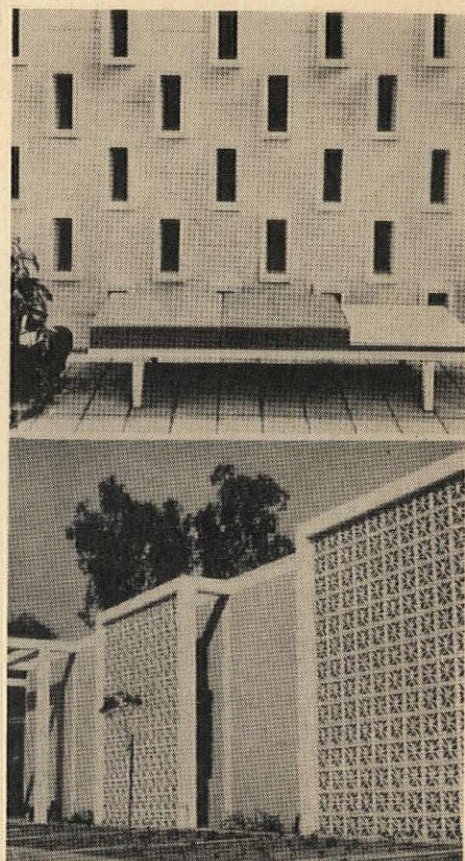
In a newly revised publication, the Marble Institute of America presents the American Standard specifications for: (1) exterior marble veneer 2" and less in thickness, and (2) exterior marble in curtain or panel walls. The 42-page booklet also includes special data—on marble service, and marble classifications for soundness—which are not part of the ASA-approved specifications, but are included as a convenience to those who select and detail marble. Final portion of the reference is devoted to general details recommended for exterior marble work and particular marble details used in several noted buildings. Write (on letterhead) to: Marble Institute of America, Inc., 32 South Fifth Ave., Mount Vernon, N.Y.

Ceramic Wall Surfacing

New catalog of Design-Technics' sculptured ceramic wall surfacing has been published. Examples of installa-

tions show more than 50 designs currently available. Custom wall, mural, and screen treatments are also shown. The products are suggested for both interiors and exteriors of residential and commercial buildings. Design-Technics, 7 E. 53 St., New York 22, N.Y.

On Free Data Card, Circle 210



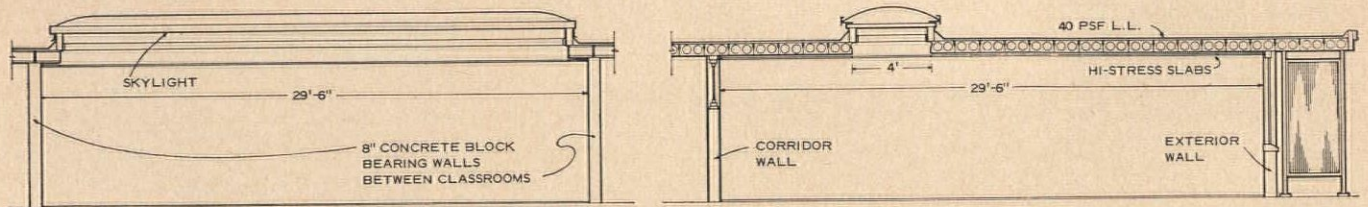
Masonry Cement

New 16-page brochure on proper mortaring practices, containing complete mortar specifications, has been published by Permanente Cement. Entitled *Masonry Cement: A Guide to Modern Design and Construction*, the well-illustrated booklet provides valuable reference material for architects, engineers, and masonry contractors. In addition to sections on mortaring practices and mortar-mix specifications, there is a review of the types of mortar joints and their uses. Permanente Cement Co., Room 2483, 300 Lakeside Drive, Oakland 12, Calif.

On Free Data Card, Circle 211

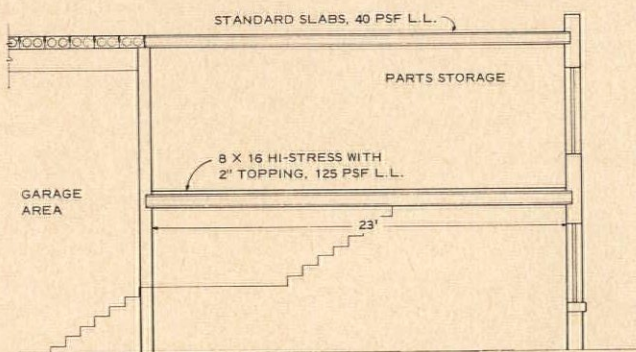
Limestone Literature

Handbook on Limestone provides extensive information on grades, color tone, and finishes of limestone, plus other technical data on engineering, application, specification, and maintenance. A large portion (67 pages) of

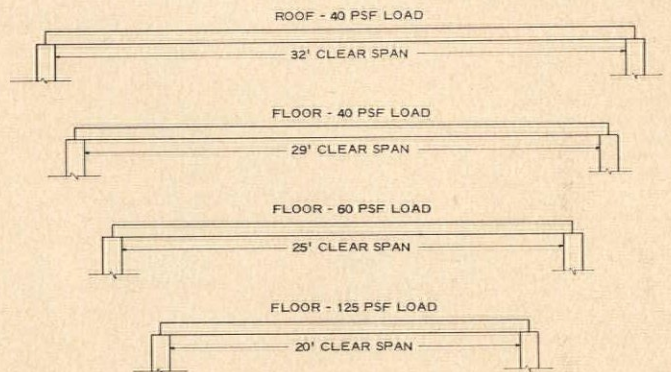


SCHOOL WITH CLASSROOM SKYLIGHTS. Flexicore Hi-Stress slabs with two $\frac{7}{16}$ " stress-relieved strands clear span the 29'-6" width of the rooms, are designed to carry 40 psf roof load. Four slabs, two on each side of skylight, have three $\frac{3}{8}$ " strands to carry the extra load of the skylight.

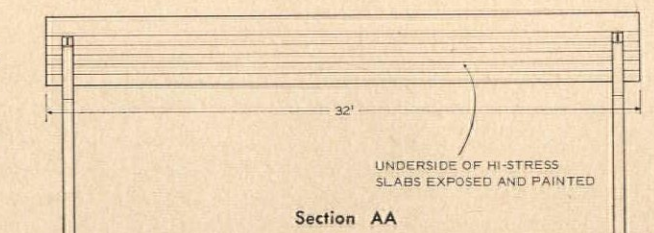
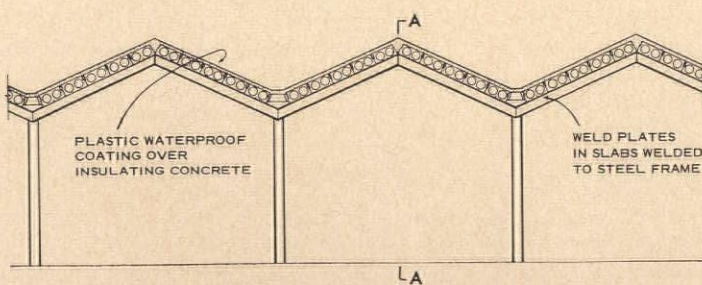
New Hi-Stress Flexicore Slabs Combine Longer Spans, Greater Loads, Improved Structural Performance



PARTS DEPARTMENT FLOOR in garage was designed for 125 psf superimposed load. Two inches of concrete topping on Hi-Stress floor gave a composite design to adequately handle this load on the 23' clear span. Standard Flexicore slabs were used on the roof.



TYPICAL LOAD AND SPAN combinations for 8 x 16 Hi-Stress Flexicore slabs. Superimposed loads shown may be increased with composite design.



ONE-STORY COMMERCIAL BUILDING ROOF DESIGN requires only a steel frame on each side of the building to carry 8-inch Hi-Stress units on long clear span. Design can be repeated in any direction for larger building. Underside of slabs was exposed for neat, maintenance-free ceiling.

Floor or roof slabs erected quickly

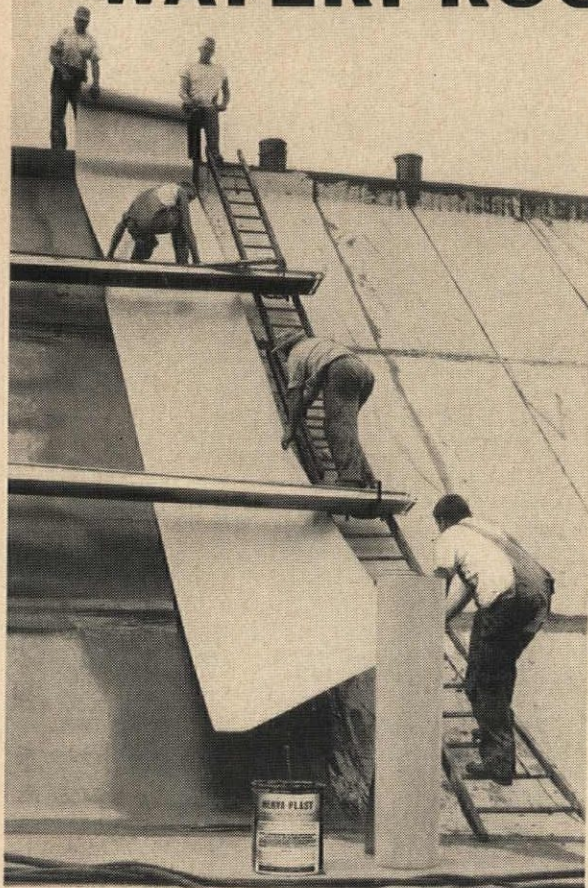


New 8" x 16" Hi-Stress units are fully pre-stressed slabs (f_s 175,000 psi) cast in steel forms, with stress-relieved strands tensioned before concrete is poured. Appearance is similar to standard Flexicore slabs which use pretensioned intermediate grade steel bars.

For more information on these projects, ask for Hi-Stress Flexicore Facts 2, 4 & 5. Write The Flexicore Co., Inc., Dayton, Ohio, the Flexicore Manufacturers Assn., 297 S. High St., Columbus 15, Ohio or look under "Flexicore" in the white pages of your telephone book.

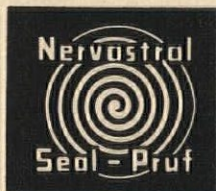


NERVASTRAL WATERPROOFING



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Positive
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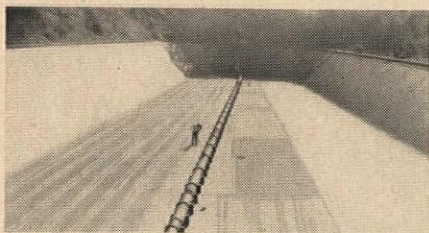


As a pioneer in the application of Chemistry to waterproofing problems, Rubber & Plastics Compound Co., has developed and coordinated a group of related products and application systems. These are designed for sure, easy and economical installation to provide the highest degree of impermeability both above and below grade.

Various types of Nervastral sheetings are available to meet different requirements. They all have in common a high degree of flexibility and impermeability, resistance to fungi, mildew and chemical attacks, high degree of resilience and elasticity, flexibility at low temperatures and abrasion and tear resistance.

The Nervastral installation in Centralia, Washington, Water Dept., Reservoir No. 4, shown here, employed a certain grade of Nervastral sheeting that has been specifically recommended to cope with existing problems. Consult our engineering specialists on waterproofing problems to determine the type of material and installation that will provide the best performance.

"NERVASTRAL", "NERVA-PLAST" and "NERVA-KOTE" are proprietary names for a variety of waterproofing products that are favorably known and specified by many architects, engineers and builders. Literature on request.



RUBBER & PLASTICS COMPOUND CO., INC.

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For more information, turn to Reader Service card, circle No. 418

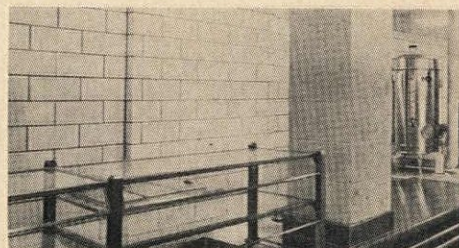


the handbook is devoted to recommend details—for walls, doorways, window surrounds, mullions, sills, copings, etc. Supplements and revisions will be added to the handbook from time to time, particularly in the "New Ideas" and "Engineering Data" sections. Publisher of the loose-leaf book is the Indiana Limestone Institute, which serves as a co-ordinating agency for quarriers and fabricators in the industry through the U.S. and Canada. Its purposes include the establishment and maintenance of standards, the dissemination of unbiased and authentic information, and the sponsorship of research. Indiana Limestone Institute, P.O. Box 757, Bloomington, Indiana.

On Free Data Card, Circle 212

Glazed Structural Units

"Glazon" pre-faced structural masonry units are presented in 8-page catalog. Physical, decorative, and economical



properties are described; standard colors and sizes are shown; and specifications are supplied. Application photos show Glazon units in use where interiors call for attractive appearance, durability, cleanliness, and chemical resistance. Test reports are available on the material's inflammability, stain resistance, and wear resistance. Glazon Corp., 666 Fifth Ave., New York 19, N.Y.

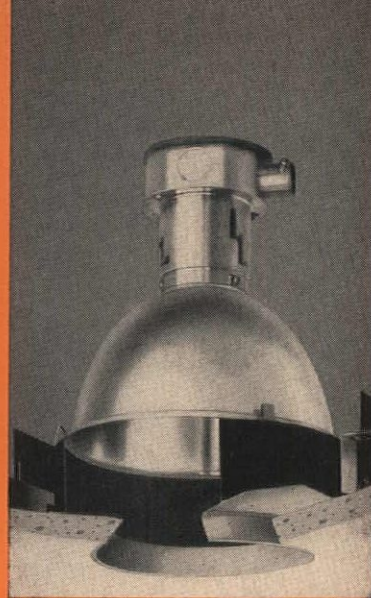
On Free Data Card, Circle 213

Split-Face Marble

New "Marspac" by Walker & Zanger is a split-face marble permanently bonded in easy-to-handle, lightweight 5" x 12" or 9" x 9" tiles. Its face maintains the natural beauty and color of the original marble, enhanced by rugged texture. Available in 21 colors, the product is suitable and

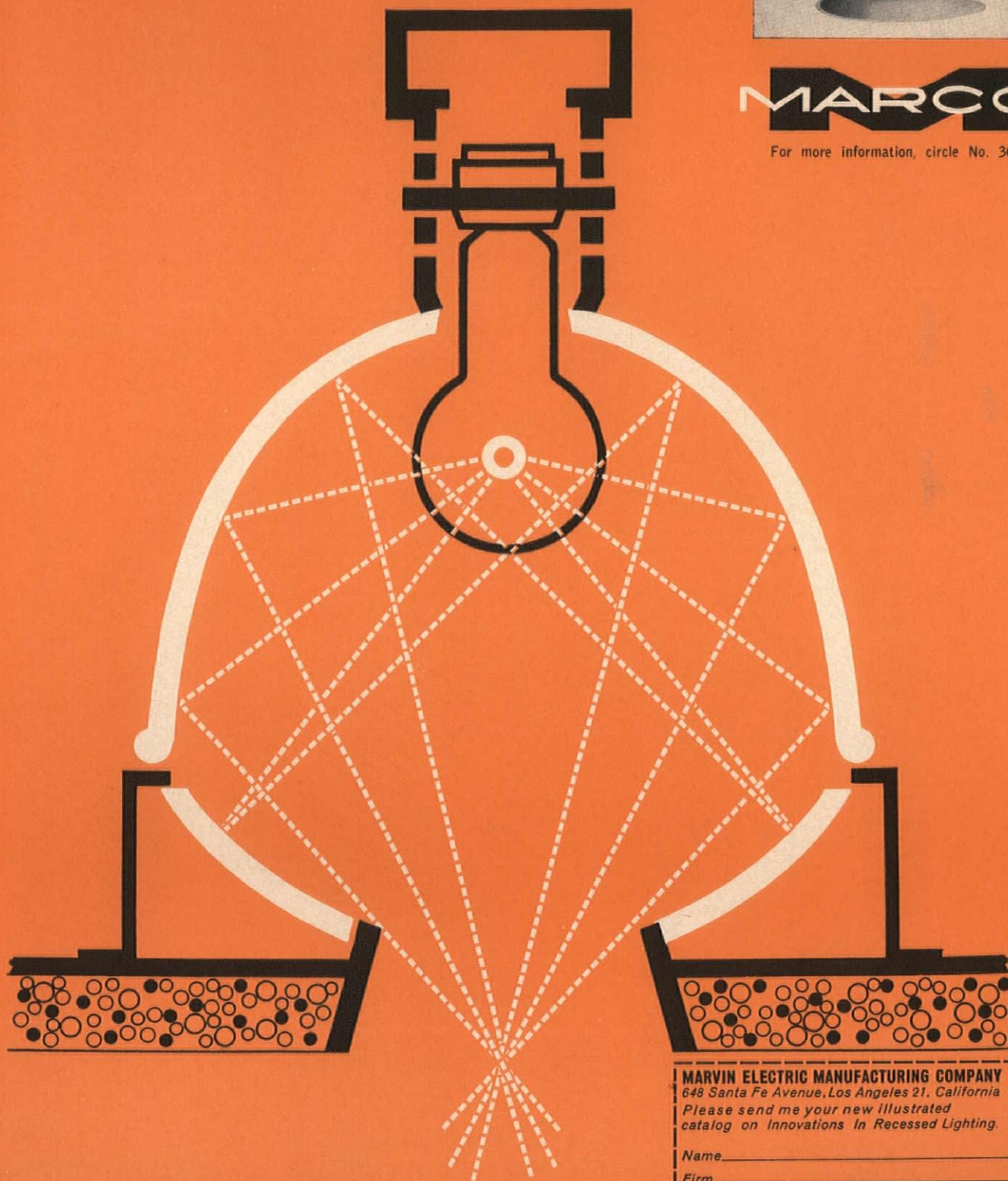
Continued on page 102

AMPLIFLECTOR One of many innovations in our new Marco-Illumiline collection. Two reflectors (outlined in white) are so precisely related that light beams bounce off and back from them, ultimately to be funnelled through the aperture with virtually no glare. No baffles are required when this lighting principle is employed. Use coupon below for handsome Illumiline catalog illustrating over 100 new recessed lighting fixtures.



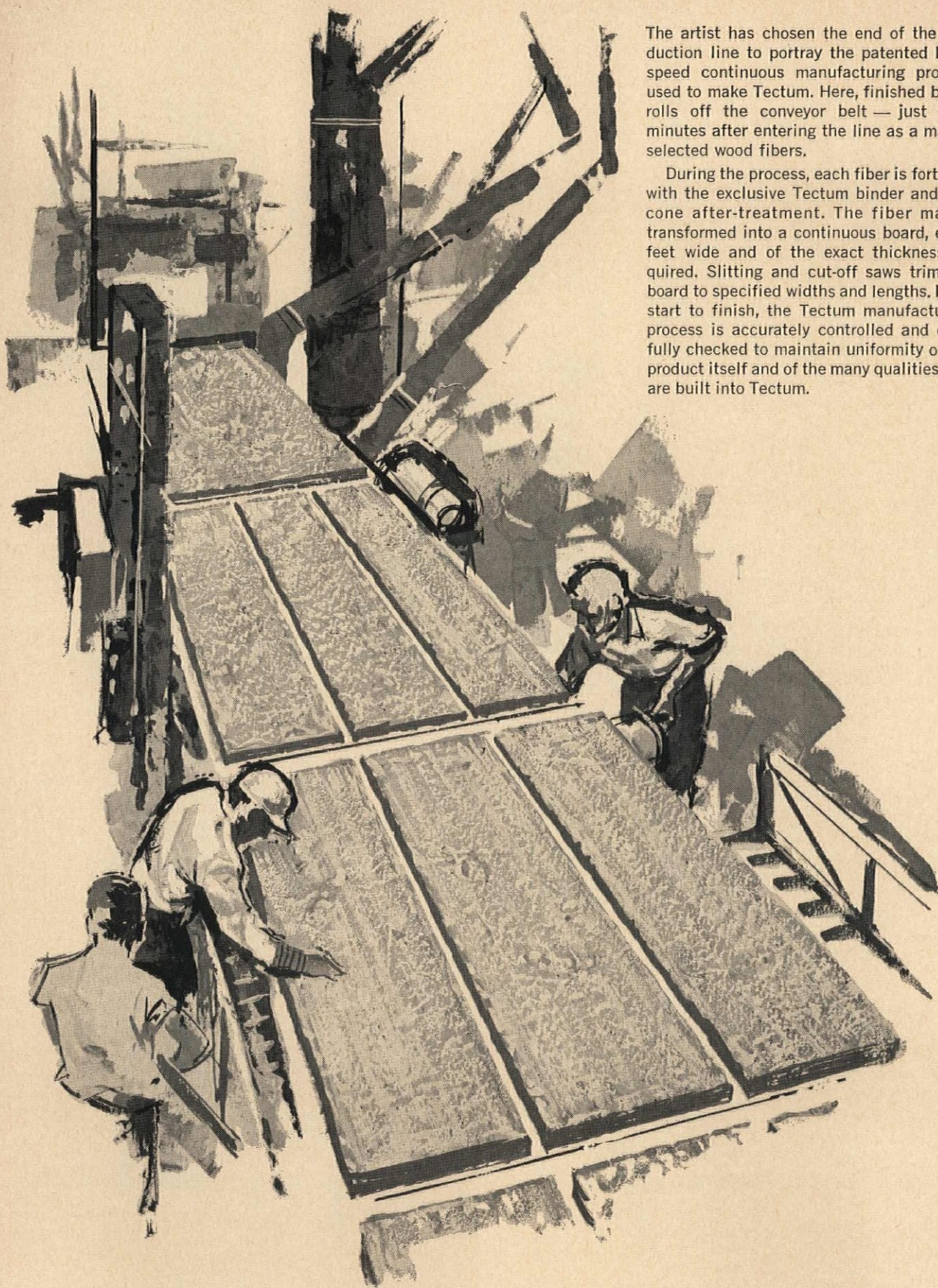
MARCO

For more information, circle No. 369



MARVIN ELECTRIC MANUFACTURING COMPANY
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Please send me your new illustrated
catalog on Innovations In Recessed Lighting.

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City _____ Zone _____ State _____ PA4



The artist has chosen the end of the production line to portray the patented high-speed continuous manufacturing process used to make Tectum. Here, finished board rolls off the conveyor belt — just forty minutes after entering the line as a mat of selected wood fibers.

During the process, each fiber is fortified with the exclusive Tectum binder and silicone after-treatment. The fiber mat is transformed into a continuous board, eight feet wide and of the exact thickness required. Slitting and cut-off saws trim the board to specified widths and lengths. From start to finish, the Tectum manufacturing process is accurately controlled and carefully checked to maintain uniformity of the product itself and of the many qualities that are built into Tectum.

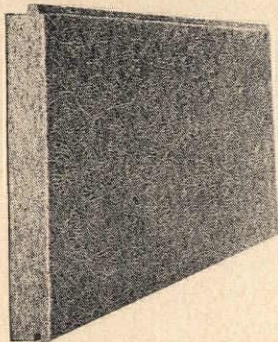
TECTUM CORPORATION.....

Why do more Architects specify Tectum than any other roof deck of its type?

There is no equal for Tectum. At first glance, some roof deck materials resemble Tectum. The similarity stops here. There is no equal for Tectum because no other product is made like Tectum and in the making lie important hidden advantages.

Tectum is manufactured with a patented, continuous-belt process using an exclusive, fast-setting binder. The rapid chemical reaction is naturally compatible with wood fibers. The natural tensile strength and the high secondary strength of the live fibers, so important for impact resistance, are retained.

Tectum quality is controlled, continuously and automatically. As a result, Tectum has superior uniformity of thickness, density,



Why do more Contractors prefer to work with Tectum? Tectum is easier to handle, erect and roof than any product of its type. Tectum's uniform thickness simplifies roofing and the contractor finds many timesaving benefits. If roof deck planks are not uniform in thickness, difficulties are encountered at joints contributing to possible leaks or future problems. Tectum's thickness is mechanically controlled throughout the forming of the material. Uniformity is assured. Tongue and groove plank edges and rabbetted tile edges are factory fabricated, permit firm, tight joints that increase the

binder dispersion, coloring and surface appearance.

Structural strength, insulating values and acoustical properties of a product are as consistent as its uniformity. One evidence of the automatically controlled uniformity of Tectum is the light reflective coloring of Tectum—an off-white tone that is the same throughout the board—not just a surface coating.

Designers appreciate the fact that Tectum is available in custom sizes for special modular requirements as well as in a wide variety of standard sizes. An "endless" board of Tectum eight feet wide rolls off the production lines continuously. Handling and shipping efficiencies are the only limitations to size.

As form plank, Tectum is ideally suited to the exciting shapes of thin shell concrete design.

Why do more Engineers approve Tectum specifications? A tough structural wood fiber board with exceptional impact resistance, Tectum is approved by engineers—even for areas where seismic conditions regulate building design. Its light weight, 40% to 100% less than similar products, makes Tectum ideal for light framing systems or buildings located on poor soil conditions.

strength of the roof deck. Because of its binder, Tectum can be cut easily on the job site with conventional wood working tools. Since Tectum is resilient, not brittle, it withstands shipping and handling with less breakage. Tectum decks supply important safety against impact loads during construction and maintenance. With normal care, Tectum does not require painting. A ply of roofing felt is factory applied on the topside to protect Tectum during shipping and to provide an excellent mopping surface for built-up roofing. Tectum simplifies the job, saving time and labor.

Growing in preference through performance . . .

More Tectum is installed in schools, churches, industrial and commercial buildings than any other product of its type. The economies of easy handling and quick installation are important to the total building cost. Tectum pioneered this building material concept. Tectum holds exclusive patents on the manufacturing process.

There is no equal for Tectum because no other product is made like Tectum, performs like Tectum, can be handled like Tectum or has the acceptance of Tectum.

For complete information on Tectum, see Sweet's Architectural File (2h/Te) (2f/Te) (11a/Te) and Industrial File (2h/Te) (11a/Te).

This new Tectum General Catalog illustrates the broad application of versatile Tectum. Send for your copy today.



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For more information, circle No. 343

Continued from page 98

economical for interior and exterior walls. Brochure, 4 pages, describes Marspac and gives suggestions for its installation. United Marble & Granite Corp., 100 Hudson St., New York 13, N.Y.

On Free Data Card, Circle 214

Mortars, Mastics, Grouts

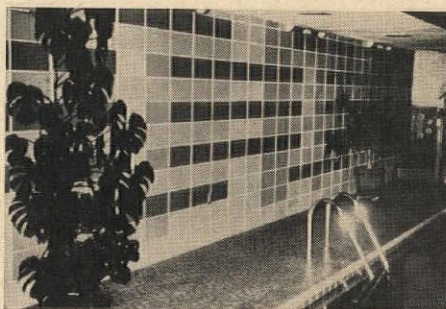
Just published is an illustrated 8-page catalog on mortars, mastics, grouts, and other products for ceramic-tile installation. Also described is the complete line of "Tec" specialty items—including cements, sealers, polishers—for mosaic tile, marble, and terrazzo. Each product is fully described as to properties and appropriate use. Technical Adhesives, Inc., 3500 Church St., Evanston, Ill.

On Free Data Card, Circle 215

Terrazzo Installations, Standard and Special

Timeless Terrazzo for Fine Floors, condensed version of a recent Technical Data Brochure, is being offered to the building industry. In detailed text and scale drawings, the brochure presents specifications, methods of installation, and care of terrazzo. Standard terrazzo installations include floors, bases, stairs, wainscots, and partitions; specialized installations include monolithic, venetian, conductive, outdoor, and radiant heating. National Terrazzo and Mosaic Association, 2000 K St., N.W., Washington 6, D. C.

On Free Data Card, Circle 216



Glazed Block

Special properties of "Spectra-Glaze" structural masonry units are described in new 16-page bulletin. Among the product's unique advantages: various block shapes provide accommodation for utilities at great reduction in cost unit eliminates floor recess and simpli-

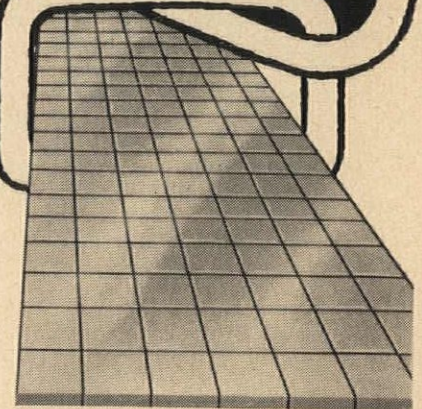
Continued on page 106

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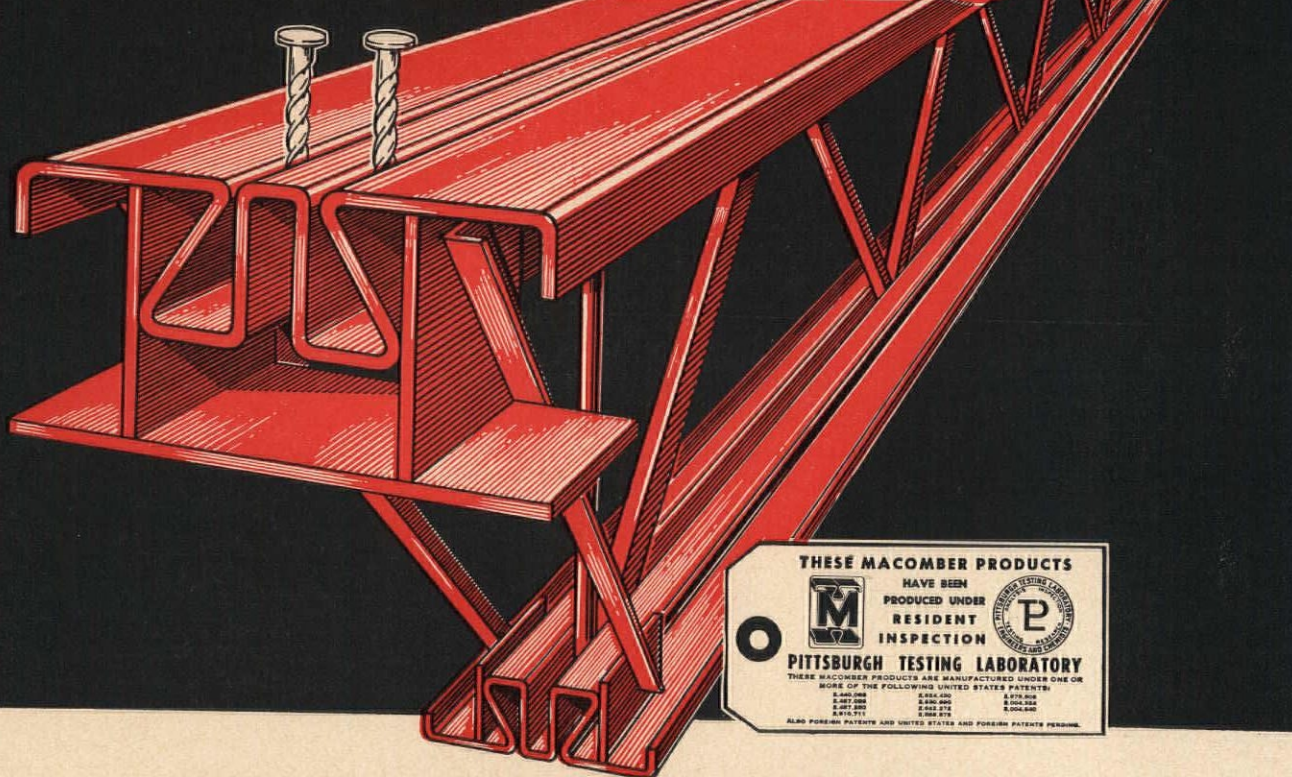
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fies installation; $\frac{1}{8}$ " glazed facing is integrally bonded within pores of the block, not sprayed on; and facing is overlapped at edges to minimize chipping and create a $\frac{1}{4}$ " joint. New lightweight modular units 8" x 24" and 12" x 24" promise significant savings. Bulletin shows standard shapes and more than 40 standard and special colors. Coursing details and specifications are also included. The Burns & Russell Co., Box 6063, Baltimore 31, Md.

On Free Data Card, Circle 217

Ceramic Tiles Cushioned in Rubber

"Ceramaflex" floor tile, billed as the newest luxury flooring on the market, consists of 1" x 1" ceramic tiles that are permanently bonded into a 9" x 9" flexible rubber grid. Floors are thus quiet and easy on the feet, and extremely simple to install. New 4-page brochure shows the 16 mosaic patterns—unglazed earth tones and crystalline-glaze pastels. In addition, there are four solid colors. Architectural specifications are given. United States

Ceramic Tile Co., 217 Fourth St., N.E., Canton 2, Ohio.

On Free Data Card, Circle 218

SANITATION/PLUMBING Survey of Fixture Needs

Plumbing-Fixture Requirements in University Instructional and Research Buildings, 20 pages, is the first of a new series of detailed studies on design criteria for university construction. The work is being conducted by the University Facilities Research Center of the Council of Ten and the University of Chicago (located at the University of Wisconsin and directed by W. S. Kinne, Jr., AIA). A grant from the EFL is making these investigations possible.

Plumbing installations were selected for study because of their significant cost in modern building construction. Also, it was felt that campus buildings present some unique characteristics of occupancy, and by having these buildings designed in accordance with usual code and custom, they are probably overfixed. Conclusions based on field surveys support

this hypothesis. Educational Facilities Laboratories, Inc., 477 Madison Ave., New York 22, N.Y.

On Free Data Card, Circle 219

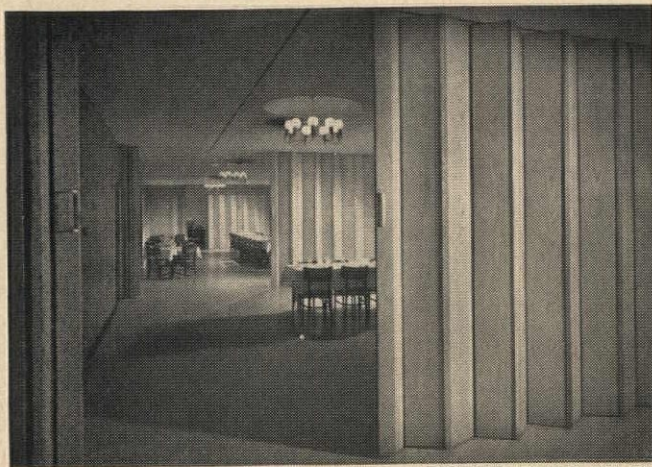
Everything and the Kitchen Sink

"Carlton" line of stainless-steel sinks for home, school, church, and institution is presented in new 40-page catalog. The wide range of models and accessories is shown in photographs and dimensional drawings. Catalog also includes data on finishes and features, and specifications. Carrollton Manufacturing Co., Carrollton, Ohio.

On Free Data Card, Circle 220

Glass Drainline for Corrosive Wastes

Two color films on "Pyrex Double-Tough Drainline," running a total of 30 minutes, are available. The first explains the effectiveness of the glass drainline in the disposal of corrosive wastes; discussion is by an engineer,



DESIGNER: EDWARD DON CO

Dramatic wood "panel show"



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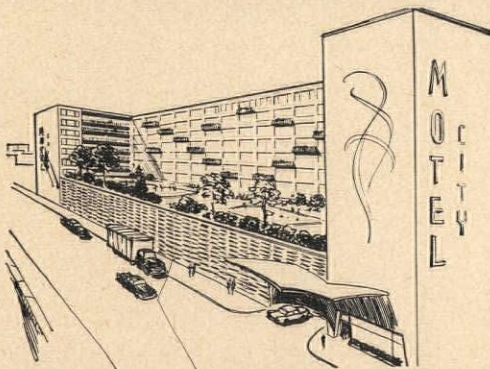
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For more information, turn to Reader Service card, circle No. 412

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Lead cushions by: John F. Abernethy Co.

According to Mr. Joseph Budish, of New York's fabulous new "Motel City," 90 percent of city noise which reaches the inside of a building results from groundborne vibration. Compound normal noise with the rumbling of railroads directly beneath Motel City, and the pounding of giant trailer-trucks roaring into nearby Lincoln Tunnel, and you've got a giant vibration-isolation problem. Motel City designers solved it with lead. Lead-asbestos cushions beneath Motel City's supporting columns assure guests of Pacific-island tranquillity—in the midst of noisy Manhattan Island.

Motel City isn't the first proving ground for lead. Similar cushions have already proved their value in such outstanding buildings as New York's Union Carbide Building and Bell Telephone Company Laboratories; and Montreal's Queen Elizabeth Hotel. They are also being used in New York's Pan Am Building, largest office building in the world. Why lead? Because in addition to its ability to reduce vibration, lead seals out moisture, can carry the heaviest loads encountered in foundations, and is durable enough to outlive the building in which it's used. If you are concerned with the problem of vibration suppression or sound attenuation—in architecture or heavy machine design—it would most certainly be to your advantage to investigate lead. Write us for complete information today.

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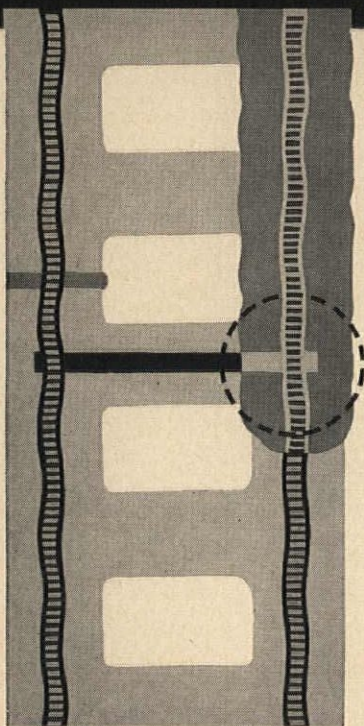
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PLUS, these no extra cost features—WAL-LOK is Double Deformed for maximum bondage • WAL-LOK's galvanized Crossrods project for additional bond • Crossrods serve as bolsters or bar chairs to hold WAL-LOK up for complete embedment in the mortar.

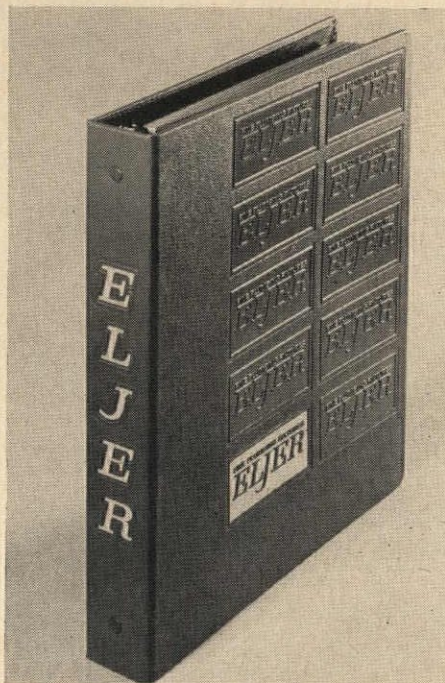
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For more information, circle No. 363

a plumber, a plumbing contractor, a building-maintenance man, and a plumbing-union leader. Second film demonstrates a typical installation in the actual time required for cutting and beading. Write to: Advertising & Sales Promotion Dept., Corning Glass Works, Corning, N.Y.



Large Catalog of Plumbing Fixtures

New 130-page general catalog has been published by Eljer, containing data and illustrations of one of the most complete lines of plumbing fixtures in the industry. Many new fixtures and fittings are included for the first time. Catalog also features plans of bathrooms designed to utilize Eljer fixtures. Eljer Plumbingware Div., The Murray Corp. of America, 3 Gate-way Center, Pittsburgh 22, Pa.

On Free Data Card, Circle 221

SPECIAL EQUIPMENT

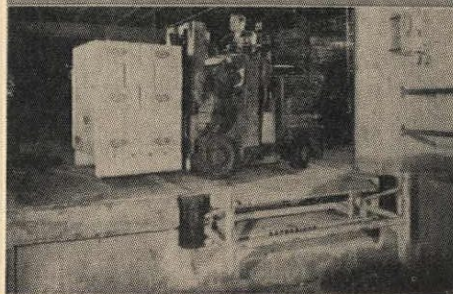
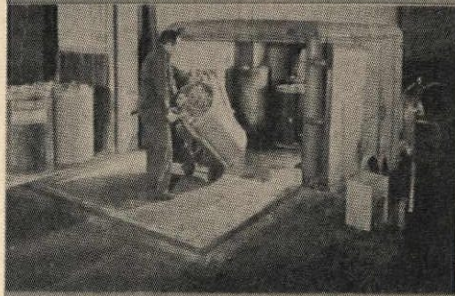
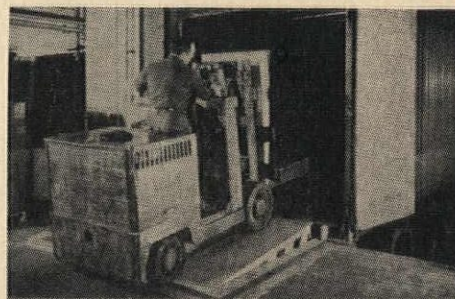
Space-Saving Efficiency in the Drafting Room

New 32-page product and planning guide shows drafting-room equipment that is designed to reduce fatigue, increase efficiency, and save floor space. "Auto-Shift" drafting tables, developed from intensive research, have board positions that are instantly changeable, and have all facilities for drafting at the fingertips of the draftsman. Other items presented are



4-post drafting tables, tracing tables, and drawing boards. Hamilton's extensive line of filing equipment—for rolled or flat materials, active or inactive—is also shown. Hamilton Manufacturing Co., Two Rivers, Wis.

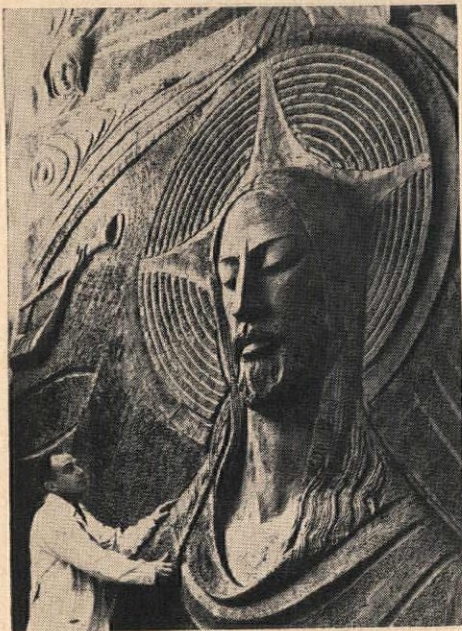
On Free Data Card, Circle 222



Getting the Goods —on a Ramp

Facts, Figures, Ideas for Designing Loading Docks, 12 pages, is a well-designed manual on goods-handling. Under the category of "General Design Suggestions" are discussions of

dock position, grading, paving, weather protection, apron space, and determining the maneuvering area for equipment. Also presented are design standards for truck terminals, methods for bridging the gap between dock and truck, and the economies of unit loading. Selection of the proper size of Dockbridge loading ramp is shown by graph. American Dockbridge, Inc., 235 W. Oklahoma Ave., Milwaukee 7, Wis. On Free Data Card, Circle 223



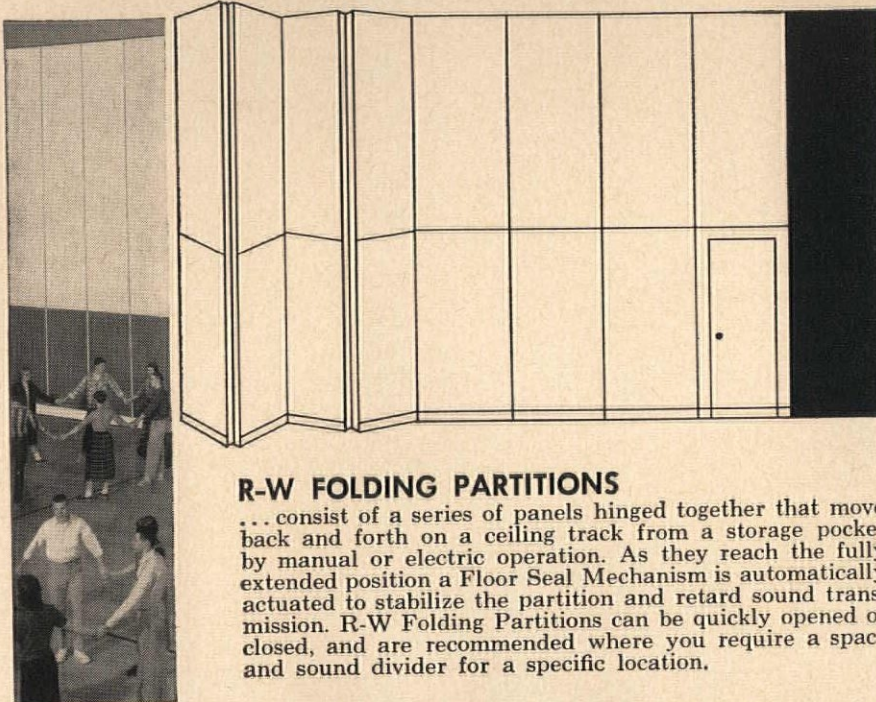
Liturgical Art

A modern reinterpretation of the medieval guild is achieved by the International Institute of Liturgical Art, which arose recently in Rome and which now has offices in the U.S. Its aim is to effect collaboration among independently recognized artists, craftsmen, iconographic experts, liturgists, and the local architect, and thus to create a high level of sacred art for church interiors. The institute is also active in promoting exhibitions, competitions, and conferences. A handsome 80-page booklet describes in detail the work of the institute. Architects engaged in ecclesiastical work may write to: The International Institute of Liturgical Art, Hotel Biltmore, New York 17, N. Y.

PROGRESSIVE ARCHITECTURE NEWS REPORT

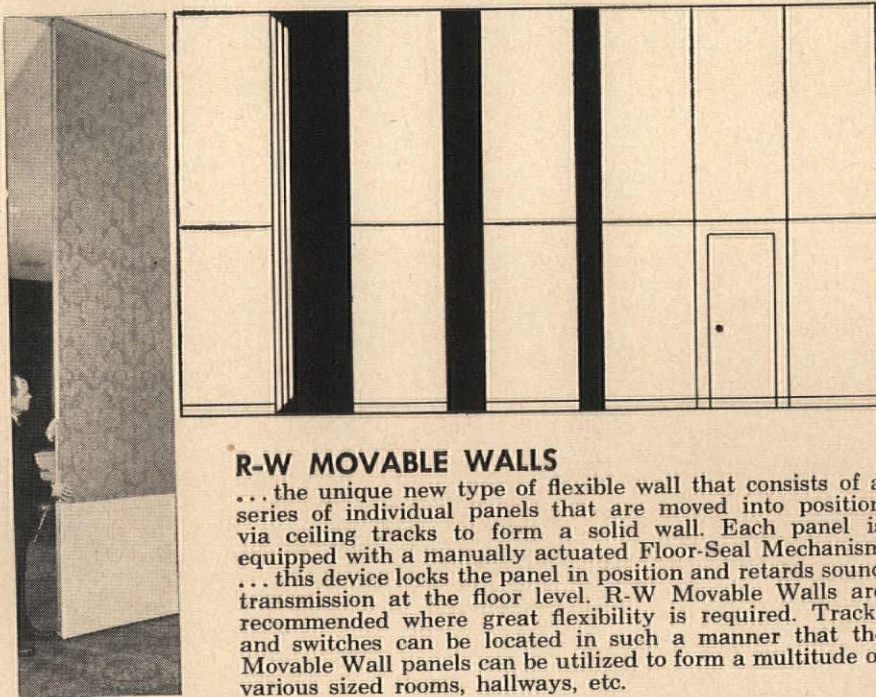
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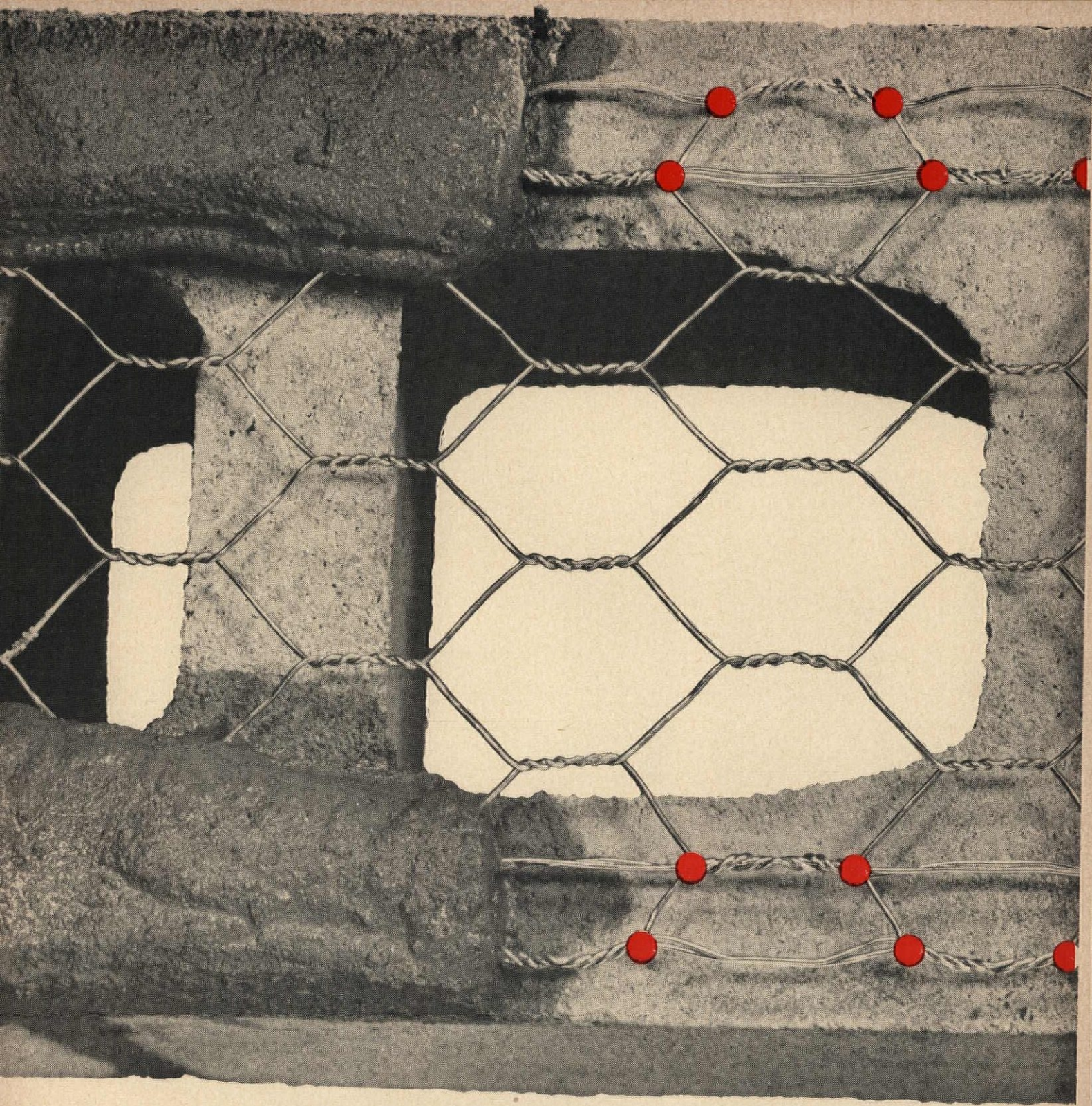
R-W MOVABLE WALLS

...the unique new type of flexible wall that consists of a series of individual panels that are moved into position via ceiling tracks to form a solid wall. Each panel is equipped with a manually actuated Floor-Seal Mechanism ... this device locks the panel in position and retards sound transmission at the floor level. R-W Movable Walls are recommended where great flexibility is required. Tracks and switches can be located in such a manner that the Movable Wall panels can be utilized to form a multitude of various sized rooms, hallways, etc.

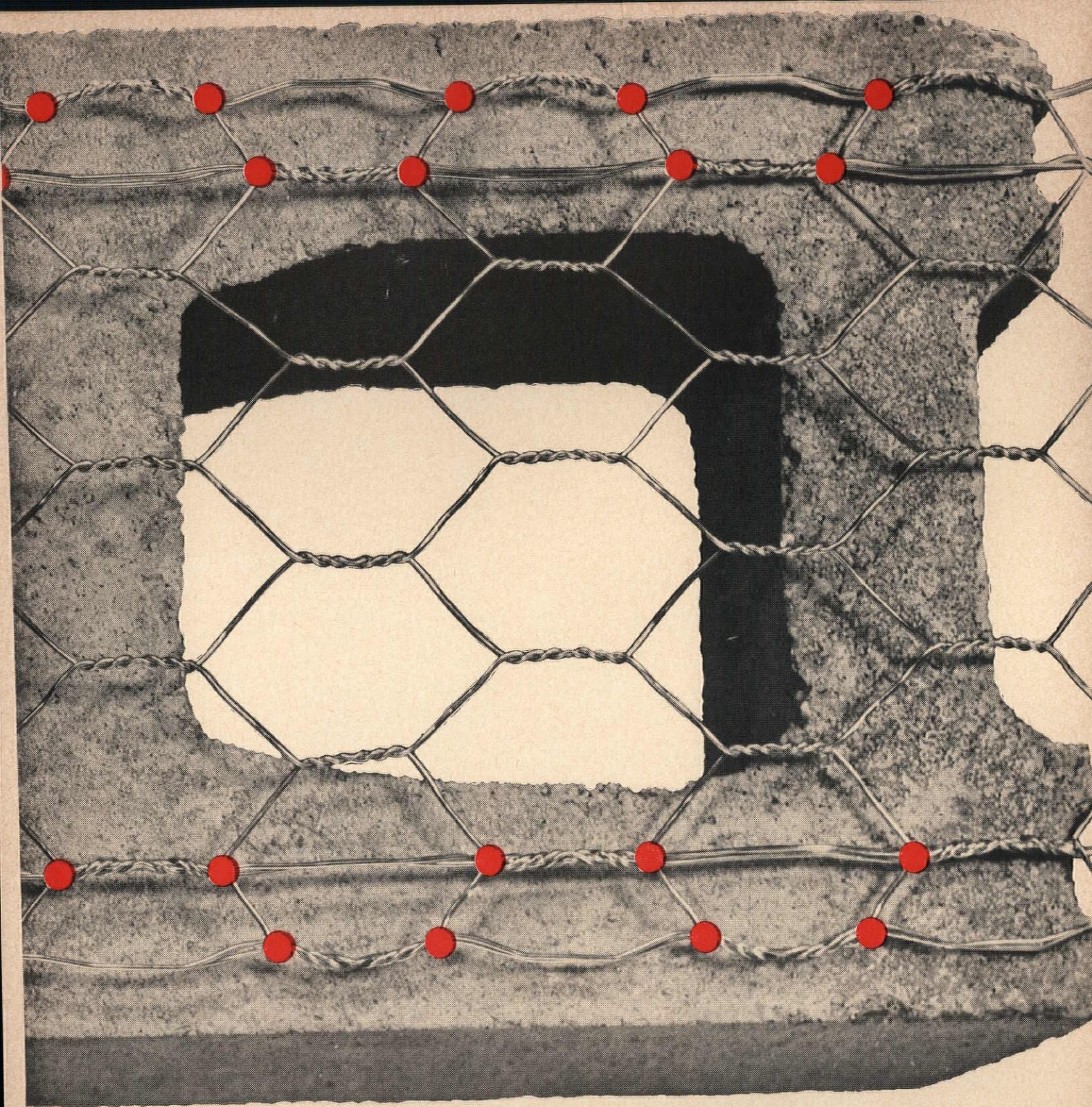
Both R-W Folding Partitions and Movable Walls are basically used to solve the same problem. They offer a practical and effective method of flexible, dividing of space and sound. For complete information, request Catalog No. 602.



Richards-Wilcox
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KEYSTONE STEEL & WIRE COMPANY Peoria, Illinois

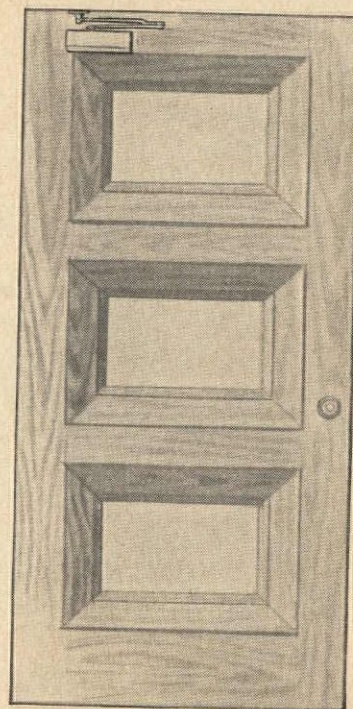
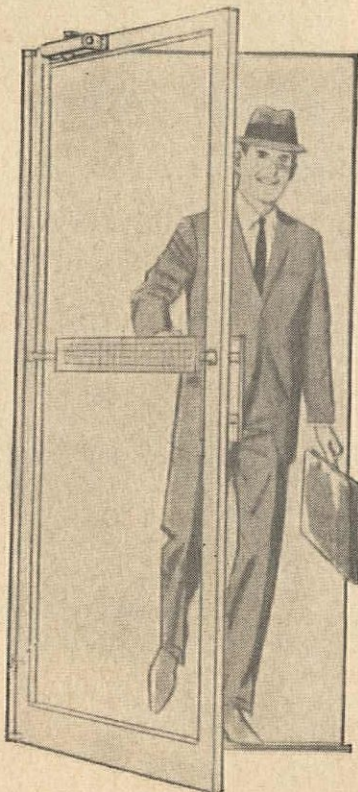
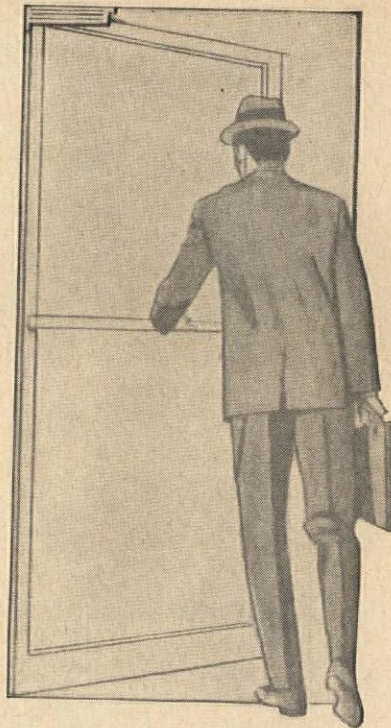
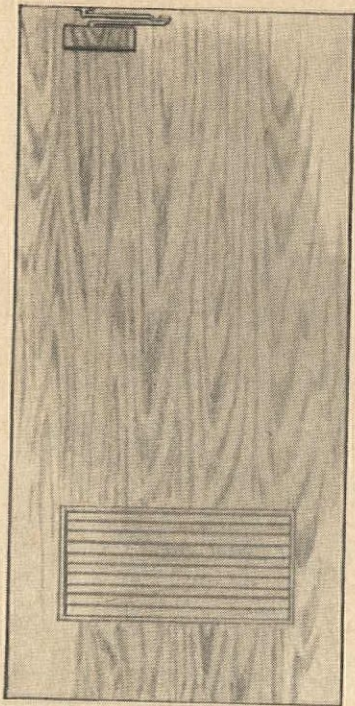


28 mortar locks to the block foot with Keywall reinforcement. The more locks, the more resistance to cracks resulting from shrinkage. Movement is restrained at each of Keywall's mortar locks. No one lock has to restrain more than the movement in $\frac{3}{4}$ " of block. That's the kind of reinforcement that works.

MORE LOCKS TO THE BLOCK WITH KEYWALL

MAKERS OF KEYCORNER • KEYSTRIP • KEYWALL • KEYMESH® AND KEYMESH PAPERBACKED LATH • WELDED WIRE FABRIC • N

For more information, turn to Reader Service card, circle No. 358



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