INGENIOUS SHELL CONSTRUCTION WITH CONCRETE

... it's changing the roof line of America

Today concrete is being shaped into remarkable structural shells. Only inches thin, they achieve strength without mass to create graceful, new beauty.

A bold break with architectural traditions has been brought about. The results can be seen across the country—in the high-curved roof of an airport terminal... the accordion concrete slabs covering a department store... or the conical bowls of an outdoor dining pavilion. Possibilities are limitless.

And giving impetus to this new contouring of the nation's roof line are 74 progressive (and competing) members of the cement industry itself. Working through the well-known Portland Cement Association, they provide a continuous flow of new engineering knowledge about concrete. They sponsor intensive scientific research which opens for designers, engineers and builders, broad new opportunities in using the aesthetic and practical potential of concrete.

Lab-testing strength of concrete shell roof!
Engineers subjected it to 10½ tons of downward load—applied by jacks beneath the floor. The shell passed the test!
DURABILITY

Yes, that's right! We are so confident of the highly durable qualities of Zolatone that we are now offering — a first in our field — a three year no cost maintenance agreement to prospective users. Also due to recent product and specification improvements Zolatone should cost no more than normal 2 or 3 coat paint systems.

WASHABILITY

Yet we're not asking you to use an unproven product. We'll submit Zolatone to every imaginable test before you specify. We'll invite you to look at any one of countless buildings wherein Zolatone was applied years ago. Where can you get a better deal than that?!

LASTING

ARMSTRONG BUILDING SUPPLIES, Incorporated
3117 W. MILL ROAD FL 2-1910 MILWAUKEE 9, WISCONSIN
This roof cross section illustrates the excellent thermal properties of Doxplank. An 8" Doxplank roof slab requires only ½" of insulation to reach a U-value of .193. The same relative efficiency may be attained with 4", 6" and 10" Doxplank.

Excellent thermal properties of new Finished-Ceiling Doxplank make this an important consideration for roof construction in any climatic zone. With its low coefficient of heat transmission, Doxplank can help reduce the load on cooling systems in warm climates as well as improve heating efficiency in colder zones.

New Finished-Ceiling Doxplank also provides balanced sound control, natural finished-ceiling beauty, maximum fire resistance and a strong, lightweight concrete deck that can be installed in any season.

For full information of Doxplank, call or write your local manufacturer listed below.
Why the CURTIS New Londoner Door Guarantee has no time limit!

The New Londoner hollow-core flush door by Curtis combines the finest materials and construction found in any door of its type on the market.

In thousands of installations, as well as in grueling laboratory and field tests, New Londoner doors have proved their exceptional performance against the effects of temperature, humidity and hard use.

We are so sure of New Londoner door quality that we sell these doors with a no-time-limit guarantee. Should any New Londoner door show a manufacturing defect in its original installation,* Curtis will rehang, refinish or replace it at no cost to the owner.

This comprehensive guarantee is the reason why you can specify New Londoner doors by Curtis with confidence. In beauty and performance, they will fulfill every claim made for them.

*Within the limits set by the N.W.M.A. door guarantee

Available from this Curtis distributor:

Lumbermen's Supply Company
212 S. BALDWIN
MADISON, WISCONSIN
a STRONGER block in TENSION at center...

BEST TWO-CORE BLOCK IS BEING SPECIFIED BY MORE AND MORE PROGRESSIVE ARCHITECTS — USED BY MORE LEADING CONTRACTORS. CHECK CLOSELY THE ADVANTAGES OF BEST TWO-CORE BLOCK.

- Wider mortar bed at center where ends of adjoining block meet above and below makes wall stronger where needed and saves mortar.

- New design Best two-core block also has two-inch wide flanges at ends for receiving ample mortar to make a permanent head joint.

- Best two-core block has one less web between face shells, thereby reducing thermal conductivity by 25%.

- Concrete is correctly distributed in face shells for increased tensile and compressive strength without increasing weight.

- Larger core space in Best two-core block is easier to fill with granular insulation.

BESSER VIBRAPAC MASONRY UNITS
WEST 140 N. 5998 LILY ROAD
SU. 1-7200 BUTLER, WISCONSIN
Wonderful New World of Concrete Block!

FOR EVERYTHING UNDER THE SUN

"... the quickening pace of technological progress, and the decided price advantage enjoyed by cement over rival materials, are opening up new markets in commercial and residential construction. The Nineteen-Sixties may or may not be a golden decade, but, as one producer observed the other day, it is becoming increasingly an era of concrete."

"Another precast product, the lovely concrete block also is taking on new glamour. As noted the cost of building with blocks is declining. At the same time, architects are discovering that there is beauty in its rugged simplicity. Where once they specified blocks only for foundations, they now use them for both exterior and interior walls. Manufacturers are furthering the trend by moulding their blocks with simple indentations and riblings, which can be combined to create attractive patterns."

—David A. Loehwing, Barron’s, Feb. 20, 1961

Concrete block has all the attributes of a QUALITY building product, at much less cost than any other QUALITY building product.

WISCONSIN CONCRETE PRODUCTS ASSOCIATION
AN ORGANIZATION TO IMPROVE AND EXTEND THE USES OF CONCRETE PRODUCTS

735 NORTH WATER STREET, MILWAUKEE 2, WISCONSIN
**HOME INTERPHONE** lets you communicate by phone from room to room throughout your home.

**HOME INTERPHONE** lets you answer the doorbell safely from your nearest phone. It's a joy in the kitchen.

**Plan**

**NEW HOME INTERPHONE SERVICE**

as a **true** custom touch

Suggest Home Interphone to clients during the planning stage. It's the newest-of-all home telephone services.

Home Interphone *multiplies* the convenience of every phone in the home. From kitchen, recreation area, workshop, bedrooms, study—wherever there's an extension—the family can converse at will from room to room. They can answer “hands free,” or privately by receiver. Calls to meals, or to pick up phone calls, or to “see” who's at the door—all can be handled easily, securely.

Suggest Home Interphone to your clients during the home planning stage. It’s a suggestion they'll appreciate through the years.

**BELL CHIME**

...announces incoming calls musically

...may be changed to a familiar ring,

or to a louder bell when family is out-of-doors. In gold or ivory finish.

**WISCONSIN TELEPHONE COMPANY**
The Convention is over — and what a convention! We haven’t seen or heard of anyone who didn’t have a genuinely good time. Some of this spirit shows on the faces of members and friends depicted on page 11. And a lot of it comes through in the convention jottings of our indefatigable executive secretary, beginning page 10. All of the new officers and directors are listed below and again — with all chapter members — in the annual roster beginning on page 27. This year, unlike other years, we have adopted a "split run" policy, sending copies of the magazine with roster ONLY to members and present advertisers. It will not be made available generally.

WISCONSIN CHAPTER AMERICAN INSTITUTE OF ARCHITECTS: 4003 W. Capitol Drive, Milwaukee 15, Wisconsin. Telephone UPItown 1-8450. EXECUTIVE SECRETARY, MRS. JANE RICHARDS.

OFFICERS: PRESIDENT, FRANCIS J. ROSE, 757 N. Broadway, Milwaukee; VICE-PRESIDENT, ALLEN J. STRANG, 810 University Bay Drive, Madison; SECRETARY-TREASURER, JOHN P. JACOBY, 1249 N. Franklin Pl., Milwaukee.

BOARD OF DIRECTORS: FRANCIS J. ROSE, 757 N. Broadway, Milwaukee; ALLEN J. STRANG, 810 University Bay Drive, Madison; JOHN P. JACOBY, 1249 N. Franklin Pl., Milwaukee; JOHN J. BRUST, 1212 W. Wisconsin Ave., Milwaukee; HERBERT GRASSOLD, 734 N. Jefferson St., Milwaukee; WILLIAM V. KAESER, 3607 Circle Close, Shorewood Hills, Madison; WILLIS C. LEENHOUTS, 3332 N. Dousman, Milwaukee; CLINTON MOCHON, 11121 W. Oklahoma Ave., Milwaukee; LEONARD H. REINKE, 805 Main St., Oshkosh; EUGENE WASSERMAN, 722 Michigan Ave., Sheboygan; WILLIAM WEEKS, 1518 South, Sheboygan; KAREL YASKO, State Office Bldg., Madison.

DIRECTORS AT LARGE: JOHN J. BRUST, WALLACE R. LEE, HERBERT GRASSOLD, FRANCIS J. ROSE, EUGENE WASSERMAN, KAREL YASKO.

DIVISION DIRECTORS:

SOUTHEAST DIVISION: WILLIS LEENHOUTS, CLINTON MOCHON.

WESTERN DIVISION: WILLIAM V. KAESSER, ALLEN J. STRANG.

NORTHEAST DIVISION: LEONARD H. REINKE, WILLIAM WEEKS.

DIVISION OFFICERS:

SOUTHEAST DIVISION:

PRESIDENT, CLINTON MOCHON, 11121 W. Oklahoma Ave., Milwaukee; VICE-PRESIDENT, A. A. TANNENBAUM, 2465 W. Capitol Dr., Milwaukee; SECRETARY-TREASURER, DANIEL REGINATO, 15430 Oak Lane, Brookfield.

WESTERN DIVISION:

PRESIDENT, STANLEY L. NERDRUM, 809 Megedale Dr., Madison; VICE-PRESIDENT, EMIL W. KORENC, 4710 Waukesha, Madison; SECRETARY-TREASURER, PAUL H. GRAVEN, 5018 Bayfield, Madison.

NORTHEAST DIVISION:

PRESIDENT, ROBERT SAUTER, 125 W. College Ave., Appleton; VICE-PRESIDENT, LAWRENCE BRAY, 712 Erie Ave., Sheboygan; SECRETARY-TREASURER, ROBERT YARBRO, 103 Otter Ave., Oshkosh.
CHAPTER NOTES

BOARD MEETING: The Board of Directors met in the Terrace Room, Lake Lawn Lodge, Delavan, Wisconsin at 1:30 p.m. on April 11, 1961, with the following members present: John Brust, Julius Sandstedt, Mark Purcell, Joseph Flad, Clinton Moehon, Wallace Lee, Leonard Reinke, John Jacoby, Nathaniel Sample, Francis Rose, Karel Yasko and Frederick Schweitzer.

The Board approved two Associate and four Junior Associate memberships.

By unanimous action of the Board an Honorary Membership was awarded to Ruth Hill, former Executive Secretary.

The Board made the recommendation to the new Board of Directors that a finance committee be formed to act in an advisory capacity on chapter monies.

The Board commended the officers for work well done during their term of office.

The New Board of Directors met after the annual meeting and elected Francis J. Rose, President, Allen J. Strang, Vice-President and re-elected John P. Jacoby as Secretary-Treasurer.

* * *

There are several positions available for registered Architects with three or more years of practical experience, one as technical advisor to a construction magazine and several civil service openings. Contact the Chapter office for details.

* * *

A reminder from the Octagon: Bold face ads in yellow pages of telephone directories are considered paid advertising.

* * *

Arthur Reddemann spoke on the general scope of Architecture at a meeting of the Wisconsin County Home Agents at the Metropolitan Builders Ass'n. in Milwaukee. The movie "Architecture U.S.A." was shown and Mr. Reddemann discussed some specifics of residential designing.

* * *

At West Division High School on April 27, 1961, Peter Seidel spoke to 27 Career Day Students.

* * *

Sheldon Segel spoke to 22 students at Career Day at Solomon Juneau High School on April 20. The film "Designing a Better Tomorrow" was shown.

* * *

"Education for Architecture" booklet listing schools of Architecture, tuition, room and board and available scholarship information is available upon request at the Chapter Office.

* * *

A two-day workshop on the "Design and Evaluation of Protection Against Radioactive Fallout" will be held in Milwaukee May 19 and 20 at the Schroeder Hotel in Milwaukee. It is sponsored by the University of Michigan Service with the assistance of the Wisconsin Chapter and several other interested groups. The charge of $12 includes all meetings plus two luncheons, coffee breaks and registration. Attendance will be limited. Contact the Chapter office for details.

FROM THE WIGWAM

Convention memorabilia as seen by our Executive Secretary

After tedious months of taking convention room reservations for Lake Lawn, Convention Committee Chairman Mark Pfaller was the only known victim of a reservation goof. Mark was granted the convention "Patience and Understanding" award and the room he wanted.

* * *

Everyone enjoyed the W.A.L. Ball which came complete with Indians. To Jan and Murray Kinnich, we extend sincere thanks and best wishes for their future, without speeches, headbands, feathers, Chiefsmen, hors d'oeuvres and dinner tickets. Producer's Council can now terminate singers' and actors' union contracts and resume their productive activities.

* * *

Who won the swimming relays at the Splash Party? We also had competitors in other classes; i.e. — puddlers, divers, and that most unusual stretchable aluminum swimming suit. All winners received only wet hair.

* * *

It seems that Gertrude Jacoby may not need the flight tickets on the Grand Prize Trip to New York. She was been floating aloft in her own private bubble. (Others still on Cloud 9 are Helen Reynolds and Jane Richards of the Chapter office. Perhaps it is only euphoria induced by those 20 hour work days the girls put in at the convention. And to top it off, Jane was scarcely able to clean up her desk before she whisked away again for the A.I.A. convention in Philadelphia. Ed.)

* * *

What can be said about Thomas Landauer? This eloquent personality leaves us speechless.

* * *

Every effort is being made to secure a workable-space-increaser for our exhibitors. Next convention all 6 ft. spaces will be set 8 on set-up day, 8 ft. will be 10, etc. We aim to please.

* * *

Someone tell Helen Reynolds that she need no longer retain that grip on the chapter cash box. The bank, a noted specialist in money, now has the loot and she can relax her grimy paw clutch.

* * *

Did Alden Dow ever arrive at Lake Lawn on Tuesday night? We were still looking for him until 2:00 A.M. With honesty, humility and enthusiasm — did he get there?

IF WE GO TO LAKE LAWN AGAIN:

1. An 11:30 brunch will be scheduled as an afternoon tea, we'll face facts, compromise and give the kitchen staff a break.

2. Wakefield-Smeaton will receive an invitation to repeat their Hospitality Room with its warm, congenial friendship and the pause that is so inspiring.

3. We'll remember that the front of the permanent stage in the exhibition hall is curved and not straight as the layout shows, and we'll not have to shift and move our exhibitors at the last minute.

4. Appointments will be made for the artist with Concrete Research. He shouldn't have to work under the handicap of at least 4 prospective subjects hanging over his shoulder.

5. Models should be more abundant. They certainly added to the decor and the jubilant atmosphere.

A personal and sincerely meant "Thank you" to the Roberts Ford Company of Milwaukee, from Driver Jane Richards and Rider Helen Reynolds, for the convention-travel use of the 1961 Ford Country Squire. We used every available inch and appreciated the road-ability of this vehicle. The budget conscious Wisconsin Chapter, Board of Directors also express gratitude for this courtesy car.

(Continued on Page 25
CONVENTION CANDIDS...

Right: Frederick Schweitzer, AIA, Milwaukee; presenting Award to Gas Co. Representative Mr. Nemeyer.

L. to R.: Francis Rose, newly elected Wis. Chapter, AIA, President; Mrs. Sert; Jose Luis Sert, Banquet Speaker.

R.: Mrs. Francis Rose; Jose Luis Sert, Banquet Speaker; Mark A. Pfaller, master; Francis Rose, President Wisconsin Chapter, AIA; Mrs. Ruth Hill; Sert; Thomas Landauer, Seminar Speaker; Mrs. Allen Strang; Austin Fraser. (ground: Maynard Meyer.)

Jim Prasch, Concrete Research Co.; Ralph Shilobrit, of Shilobrit Advertising Studio, sketching an architect.

R.: Mr. Paul Bronson, President of Best Block Co.; Mrs. Budmann; Mr. Charles Harper, AIA, Milwaukee; Mrs. Charles Harper.

Mr. Wm. S. Kinne, Jr., AIA, Madison; Mrs. Robert Torkelson and Mr. Robert Torkelson, AIA, Madison.

Mr. and Mrs. Stanley Nerdrum, Madison. Mr. Nerdrum, AIA, is newly elected President of the Western Division of the Wisconsin Chapter, AIA.
WISCONSIN ARCHITECT'S FOUNDATION

The President's Annual Report For The Year 1960-61

It is appropriate that this report begin with a tribute to Attorney Gerald J. Rice, who, since the founding of the Wisconsin Architects Foundation, has contributed time and energy, in spite of his busy practice, to guide and inspire the function of the ideal which Mr. Theodore Eschweiler proposed to the State AIA in 1954. Mr. Rice and his office staff to a large extent attended to the records, correspondence and other responsibilities. His continued interest and belief in the Foundation will always prove an inspiration to those who encourage its worthwhile existence.

In September 1960 Mr. Rice turned over the records and responsibilities to Miss Dorothy Schweitzer who is now serving as Mr. Rice did without remuneration in the capacity of executive secretary.

Just before Mr. Rice surrendered the records, the accounting firm of Reilly, Penner and Benton made a complete six-year audit of the Foundation and filed the necessary income tax reports for this non-profit organization. These reports are on exhibit.

On December 9, 1960 a Special Meeting of the Officers and Directors of the Foundation was held to review its financial status which was at an all-time low of $110.28, and to make plans for revitalization.

One outgrowth of that meeting was the article “Wisconsin Architects Foundation — Past, Present and Future” which appeared in the December issue of WISCONSIN ARCHITECT, and the one entitled “Aid + Student = Architect”, picturing students currently receiving tuition aid, which was published in January. Along with the December article, a pull-out envelope was ordered to be inserted which seemed, at the time, a good incentive for obtaining contributions from State members to bolster the treasury. The returns, however, did little more than pay for the expense. Possibly the timing was at fault, considering the publication did not appear until after the Christmas spirit had vanished.

The Foundation, in spite of its low financial status, felt a moral obligation to the four students who had received tuition aid for the Fall semester, to complete their academic year with aid for the second semester. To facilitate this expense, one of the seven $1000 paid-up stock in Savings and Loan was cashed, this capital investment to be re-established as soon as funds permit.

Since the low bank account of $110.28 on December 1st, nine memorial contributions added $190; four sustaining contributions $356; from the Wisconsin Chapter of General Contractors $18.60; the AIA Liability Forum contributed the balance of $56.29; and $132.20 interest from Savings and Loan investments. This with the $1000 certificate cashed enabled the Foundation to offer tuition aid, pay the accounting fee and the pull-out envelope expense. The treasury holds, as of April 1, 1961, $882.12.

To this amount has been added $1000, a bequest from the will of the late Mr. William G. Herbst for which the Foundation has expressed deepest appreciation. This thoughtful generosity, in addition to his other contributions through the years, has made him the Foundation’s most generous donor.

Since its beginning in 1954, the Foundation has given tuition aid primarily, to a grand total of $9,824, the only deviation being $575 in two grants to the Joint ACSA-AIA Seminars, in 1959 and 1960, and a prize award of $50 to the Wisconsin Painters and Sculptors annual exhibition, the award having been established in 1960. [See page 15, Ed.]

The “Articles of Organization” of the Wisconsin Architects Foundation, however, give the Foundation great scope, and therefore the proposition which was discussed at some length in the December meeting was that of the Foundation becoming instrumental in helping in some way the realization of the hope of the State architects to aid in the establishment of an accredited school of architecture.

(Continued on Page 13)
max-al

max-al custom precast facings are a decorative structural material composed of colored aggregates embedded in a matrix of white cement to bring out the full color of the aggregates.

St. Mary's Church — Tomahawk, Wisconsin
Architect: Mark F. Pfaller, Associates; A.I.A.
General Contractor: Jos. A. Wiesneske — Wausau, Wisconsin

SUPERIOR CAST STONE COMPANY
MAX-AI PRECAST

I. SCOPE OF WORK: The work includes all labor, fabricating, delivering and erecting the precast concrete.

1. Fabrication: Threaded standard malleable steel and/or welded wire mesh, insulation and all fastening devices such as clip angles, clamps, and all fastening devices such as clip angles, clamps.

2. Erection: All joint materials such as mortar and all fastening devices such as clip angles, clamp panels to the structural frame, and shown on the shop drawings prepared by the wall panel contractor. The correction of any errors in fabrication, erection, or the proper setting of MAX-AI wall panels, is not included.

II. WORK NOT INCLUDED: The supporting structure, masonry and other precast concrete work are not included.

Adjustable inserts cast in the structural metal frame buildings are specified in other divisions of the project.

III. SHOP DRAWINGS: Furnish shop drawings and all other plans and specifications required by the architect for the proper setting of MAX-AI wall panels, including a schedule of material until the Architect has approved in shop drawings.

IV. MATERIALS:

1. Concrete:
   a. Cement: High Early Strength Type III
   b. Water: Use clean water free from injurious substances.
   c. Aggregate: (for structural concrete) Exposed aggregate is subject to the architect's approval.
   d. Air Entrainment: (for structural concrete) Use Air Entrainment concrete as recommended by the Architect. The maximum size of aggregate must pass a 1" sieve.
   e. Aggregate: (for Panel facing) Use 0.5" maximum size of aggregate.

2. Reinforcing:
   a. Welded wire mesh: use 6" x 6", 8/8
e. Reinforcing bars: conforming to A.S.T.
   f. Sheet ties: 13 gauge expanded metal
   g. Insulation: Use STYROFOAM 22, product of Owens-Corning Fiberglas Corp., or FOAMGLAS, conforming to Federal Specification HH-1-562 A.
   h. Caulking Compound: PRC Rubber Caulk or approved equal. Color subject to architect's approval.
   i. Rubber Sealers: Use Rubatex G-209-C or equivalent, all panel joints for nonexposed conditions. If approved by the architect.

   6. Erection Materials and Inserts:
      a. Hardware: Furnish clip angles and washers as required.
      b. Inserts: Cast in the structural frame buildings are specified in other divisions of the project.

V. FABRICATION:

1. Manufacturer:
   a. SUPERIOR CAST STONE CO., INC. Waukegan, IL

   b. A firm approved by the Architect
   c. The required finished product in the time allotted
   d. Panels must be factory cast, indoors, for structural concrete shall have a test cylinder strength of 4000 psi, cube strength.

4722 NORTH 126TH STREET — BUTLER
WALL PANELS

Equipment and appliances required for furnishing, shown on the drawings, such as sinks and special inserts, concrete, reinforcing and special inserts in walls and will be provided in accordance with the plans and specifications. Nail plates, etc., required for attaching the wall panels shall be furnished by the wall panel contractor.

Ties and reinforcing devices. Do not begin fabricating and general design of shop drawings.

T.M. C-150 as amended to date.

Silica, alkalis, organic materials and other deleterious materials shall be in accordance with A.S.T.M. C-33. All test samples on display at the Architect's location, percentage of each type, general description and compliance with A.S.T.M. A-185.

b. Slump shall be maintained constant and in the range between 2" and 3½".

c. Use minimum amount of water necessary for good manufacture, but not more than 5 gallons per bag of cement.

d. Moisture absorption of finished panel shall not exceed 6%.

e. Facing shall be of minimum 1" thickness.

f. Work facing concrete into corners, around reinforcement, inserts, etc., and thoroughly vibrate to insure proper consolidation. As soon as practicable after casting expose the aggregate in the exterior exposed surfaces of the panel by means of chemical retarders, brushes, or other approved means.

6. Curing: After casting keep panels moist with wet burlap, use of approved curing membrane or other approved means.

a. Remove panels from forms within sixteen to twenty-four hours after casting.

b. Maintain moist or steam curing for a minimum of 48 hours after the removal from forms.

7. Waterproofing: Apply a 4% silicone waterproofing agent to exterior surfaces.


8. Dimension Tolerances: Maintain casting bowing, warpage and dimension tolerances in accordance with the following schedule.

a. Over-all dimension (Height and width) plus 0.05% of panel dimensions, minus 0.10% of panel dimension

b. Thickness: plus or minus 1/6".

c. Insert location: Plus or minus 1/4".
Each window unit canted fo center on Altar
d. Bowing or warpage: Where supplemenlol anchorage is furnished-1/360th span. Where no supplement anchorage is required-1/240th span.
e. Edges will be square and true to the physic limits of the panel.
VI. ERECTION: By workmen skilled in work of this cla under the direct supervision of a representative of the man facturer.
1. Job conditions: Before starting work, examine e areas to receive panels.
   a. Make a written report to Architect of work th is out of plumb, not square, defective or otherwise in s condition that satisfactory work cannot be done.
   b. Architect will require correction of unsatisfact work by offending Contractor.
   c. Application of material will be construed as acceptence of surfaces and conditions and removal and repla ment of any work applied to defective surfaces (in or to correct defect) to be at this Contractor's expense.
2. Installation: Unload and perform all job-site ha ling, storage, etc., required to install the precast panels.
   a. Do necessary drilling for anchorage, set e panel into the position to which it is assigned on the proved erection drawings and anchor securely to the struct frame work.
   b. All Panels shall be true to line and plumb.
   c. All welding involved in the placement of panels is covered under this division.
d. Fill all exposed joints on exterior surface PRC Rubber Caulk. Fill all exposed joints on interior sur with PRC Caulking Compound.
3. Patching: Patching of chipped or broken pa will be allowed only with the Architect's approval and w conditions exist which assure that the patched area will form to the balance of the work with respect to appear strength and durability.
a. Panels which cannot be patched shall be moved and replaced without cost to the Owner.
4. Cleaning and Protection: Properly prote before and after panels are in place and until final pletion of the project.
   a. At the completion of the project remove pr tion and entire area shall be washed down and cle with mild soap and clean water.
VII. FINALLY:
1. Cooperate with the various Contractors.
2. Store material where directed and in orderly ma
3. Remove all rubbish, debris, etc., (resulting fro Division of work) from the premises.
4. Keep job and premises in neat, orderly cond at all times.
A later issue of Wisconsin Architect will show the Columbus Banh addition in its finished state (grading will give the new portion a much lower line), but this photo shows how well the new portion has been tied in with the Sullivan original. (Note departure line shown by variation in brick color. The custom made brick requires only a little weathering to blend in with the whole.)

CREDIT FOR THE BANKER

What do you do if you are a century-old bank that needs more room and the building you live in is nationally famous as a brilliant example of the style of one of the country’s truly distinguished architects now dead 37 years?

If you happen to be the people at the Farmers' and Merchants' Union Bank housed in Louis Sullivan's well known "jewel box" at Columbus, Wisconsin, the answer is to go ahead and build an addition—but take particular care that it follows the motif and style set down by Sullivan 82 years ago.

The bank's 84-year-old president, Frederick A. Stare, said the other day, "Our only orders to the architects (Law, Law, Potter and Nystrom, A.I.A., of Madison) were to take sure that the addition was one with the original building. There were problems, of course. No original specifications. No records of the Sullivan job. Only a set of blue prints. It was a real problem when it came to matching the original materials."

It was comparably easy to trace the original terra cotta ornaments (one of Sullivan's trade-marks) to the American Terra Cotta Company which still had Sullivan's drawings on file. To find the source of the tapestry brick employed by Sullivan in the building, Stare had to play more of the role of a sleuth.

"I finally found that it came from somewhere around Crawfordsville, Indiana," Stare said, "and I wrote a connection in the Rotary club there to try to supply me with the names of all the brick companies that were operating in 1919. After some to-do, the brick was traced to the Poston-Herrick Brick Company in Attica, Indiana. The plant was run by the sons of the original supplier and they still had on hand the dies for the brick that Sullivan used."

"They agreed to supply us with the brick, but there was one hitch. Since it was a special color and size, we had to take the full kiln load of 50,000 brick. We needed only 18,000 for the addition. But they were just as anxious as we were to have them in the Sullivan building so they agreed to let us have the other portion at the price of common brick. Now we're glad that we have them. We may want to add something else, perhaps another drive-in window, and we'll have the brick available to match the rest of the building."

The addition is a continuation of the one story back section of the building included in the original plan. It will contain executive and other offices, a basement meeting room, and an outside teller's window. The new section has been carefully tied in with the original building, and even the canopy over the drive-in window is ornamented with the
MEETS THE HIGHEST STANDARDS

"CERTIFIED" ROOF TRUSS
MEETS FHA AND VA REQUIREMENTS

Made with 14 gauge, galvanized steel "Gang Nail" connector plates. We offer the fastest, most efficient method of fabricating roof trusses. Entirely machine made, these components require no hand nailing. A tight, uniform connection is insured at every joint.

Mid-City Lumber & Supply Co.
6022 West State St.
BL. 8-7800

FINED FOR NON-REGISTRATION

Following a plea of guilty, an Illinois architect, W. T. Rowland, was fined $100 by Superior Court Judge Roy Proctor on March 30, 1961, for practicing architecture in the State of Wisconsin without being registered or exempt from registration. Although registered as an architect in the State of Illinois, Mr. Rowland was not registered and had not applied for registration in Wisconsin.

Charges filed by the Wisconsin Registration Board of Architects and Professional Engineers grew out of work performed by Mr. Rowland in the preparation of plans and the supervision of construction for the Burr Oaks Bowling Alley project at 2202 South Park Street, Madison, Wisconsin. Plans for the Burr Oaks project, prepared by Mr. W. T. Rowland, were sealed by a Wisconsin architect not a principal in responsible charge of their preparation and were approved by the Industrial Commission on March 25, 1960. Revised sheets for basement and first floor changes were filed and approved at a later date without the signature or seal of an architect or professional engineer. Construction continued through the summer and fall of 1960, the grand opening of the Burr Oaks Bowl being held on December 2, 1960.

A warrant citing Mr. Rowland for the unauthorized practice of architecture had been issued through the Dane County District Attorney’s office as early as October, 1960. The warrant was served on March 30 after it became known that Mr. Rowland was present in this state for final inspection of the building.

Following arraignment and payment of the fine, Mr. Rowland expressed regret for failure to heed the require-

(Continued on Page 22)
mottled green terra cotta figures that Sullivan employed on
his “jewel box”, as he often termed the Columbus bank.

The wide, quartered oak trim that Sullivan used on the
interior of the building has been carefully matched in the
new section. Even the Japanese grass cloth that decorated
the wall of the “Mother’s Room” in the old building has
been duplicated in the new. (The “Mother’s Room” was
designed as a lounge for mothers and children who accom­
panied farmers on their wagon trek to the bank 25 years
ago.)

More modern heating and lighting fixtures, floor cover­
ings, and the use of Flexicor for the roof have been the
careful changes in the appearance of the new section, probably
none of which would have found an objection from Sullivan,
excepting perhaps the lighting fixtures. Sullivan wouldn’t
allow overhead lighting in the original building, intending
the kind of glowy, soft atmosphere that would come from
the individual desk lamps and the filtered light of his stained
glass windows. The bank finally decided this was imprac­
tical and installed fluorescent fixtures like any other business
establishment.

(Continued on Page 20)

Continued from Page 12)

Wisconsin. Various fund raising means toward that end
are under study, together with the creation of a brochure
that may reach new sources of revenue.

The Foundation, nevertheless, desires above all to keep
up the initial relationship with which State AIA members
have formed its financial backbone. It is disappointing that
only a small percentage of AIA members has made up this
chunk, and it is high time that the younger members
particularly became aware that their contributions are also
needed. By actual count in December, there were 407 dues
paying registered architects, and if each of these would
voluntarily make an annual sustaining contribution of as
little as $5, the Foundation would have $2,035 with which
work.

The tuition aid of $150 per semester which a few worthy
and needy Wisconsin students are afforded could so easily
be expanded to many more. Considering the reservoir of
talent urgently required for present and future demands
the profession, the Foundation’s helping hands would
given more thoughtful consideration.

ROGER M. HERBST
President
WISCONSIN ARCHITECTS FOUNDATION

W/A Foundation
Gift is Received

A gift of $117.88 was contributed to the Wisconsin
Architect’s Foundation by the Publisher of the Wisconsin
Architect magazine. The donor stated, “After reading Mr.
Herbst’s Report we wanted to show that the Christmas
Giveaway has not vanished by giving an amount that will bring
Foundation’s treasury balance to an even $1,000.”
See for yourself
a dramatic demonstration
of new, remarkably clear
PPG Premium
[graphic]
PENNVERNON®

Your nearest PPG Architectural Representative won't just tell you why, he'll show you that Premium PENNVERNON is optically superior. A phone call is all it takes to see the proof positive. Premium PENNVERNON really is the world's finest window glass.

Pittsburgh Plate Glass Company
Paints • Glass • Chemicals • Fiber Glass
In Canada: Canadian Pittsburgh Industries Limited

(Continued from Page 19)

Another feature of the bank addition is that the Farmers' and Merchants' is acting as its own general contractor on the job, subletting the various trades to as many local people as possible.

"The current addition is the second one planned," comments James T. Potter, A.I.A., representing Law, Law, Potter and Nystrom. "When we started the job the bank owned such a small site that a two story addition would have been necessary. It was apparent that this would detract from the original building, so the owners purchased some more land and the current addition was designed.

"When final grading is done, the new wing will appear low, though until that time it appears high.

"One interesting design problem was the conference room. The original had considerable window area which was to be blocked out by the addition. We glazed these windows with mirrors to maintain the character of the room as well as possible.

"We don't think of any unusual design problems, other than maintaining the appearance of the original inside and out while at the same time building with fireproof materials. The original roof construction is of wood.

"The Farmers' and Merchants' Union Bank in Columbus was an interesting and unusual project. The owners should receive due credit for realizing the architectural value of their building and being willing to spend sufficient money to match it."

GET THE FACTS ABOUT
GAS WATER HEATING
WE HAVE THEM FOR YOU...
NATURALLY!

Modern buildings need modern gas water heating. Let us help you with information on such things as estimated peak load requirements... recommendations on equipment sizing... local utility rates... annual cost comparisons... local contractors, dealers and installers... estimated equipment costs "delivered on job"... local equipment service facilities.

THE GAS COMPANY
626 E. Wisconsin Ave. • BROADWAY 6-6720, Ext. 329 • MILWAUKEE
An ever-increasing number of architects are specifying Spancrete, because it assures greatest load-carrying capacity, while keeping building costs at a minimum. Additional bonus: Spancrete concrete floor and roof systems reduce construction time . . . save on materials, labor and supervision . . . rate highest in versatility and flexibility.

For the complete quality-economy story . . . and before planning your next building project . . . contact your Spancrete representative.
Conventional AWARDS

Six awards were made at the 1961 Wisconsin Chapter convention on April 12 to individuals and companies for service and performance. Awards of Merit were given to Mosaic and Art Glass Studios, Inc., the Mosaic Tile Company, and the American Olean Tile Company for "well-planned and informative exhibit booths." An Award of Merit was given to Albert Taubert of J. H. Findorff & Son, Inc., Madison for outstanding service to the architectural profession in his capacity as superintendent of construction with that firm.

A Craftsman Award was conferred on Eugene Leipold, President of Split-Rock Products Company, of Milwaukee for the research and development of pre-cast concrete units and forms. S. Lloyd Nemeyer, President of the Milwaukee Gas Light Company, was the recipient of a Citation given in recognition of the company's foresighted, responsible concern in matters of redevelopment planning as exemplified by its sponsorship of competitions in urban renewal and housing.

The Taubert award read, in part, "To Albert Taubert . . . who, in his capacity of superintendent of construction, has rendered outstanding service to the architectural profession thru reliability and integrity of performance; in the able translation of planned technical requirements into building form; and the thorough knowledge of coordination of workmen and materials. As Master Builder and as a fine citizen for his country and community, this honor is bestowed."

Leipold's citation stated, "The Craftsmanship Award for the research and development of pre-cast concrete units and forms producing ingenious textures and coloring thru use of multi-aggregates and techniques incorporating glass and other materials in unique and artistic combination, all close and enthusiastic cooperation with the Architect in exacting needs and endless search for new structural elements and forms for today's architecture."

The Gas Company Citation was conferred "In recognition of the responsible, foresighted concern of this company and its officers for their community and all Wisconsin communities in matters of redevelopment planning; for demonstrated confidence in the architectural profession's ability to solve these physical, aesthetic and social problems of deterioration thru sponsorship of competitions in urban renewal and housing; thus extending beyond its immediate interests as a leading utility into the general welfare of the city and its people. For this, the respect and appreciation of our profession."

(Continued from Page 18)

ments of the Wisconsin registration law, stating this was the first work he had done in Wisconsin and that it was not his intention to violate the law. Mr. Rowland had assumed an informal association with a Wisconsin architect for purposes of reviewing and sealing plans for Industrial Commission code requirements was permissible, knowing, however, that he had no valid excuse for failing to comply with the law or rules of practice in state.
LENROC is a fine grained sandstone deposited during the Devonian Age. When first quarried its dominant color is blue-gray; iron oxides are responsible for muted tones of magenta, brown and tan that emerge with age. Full architectural beauty comes with the aging of the stone.

**Unlimited Pattern Possibilities**

By imaginative selection of two, three, or four-unit ashlers, you can create unlimited patterns by varying the length of the stone, and varying the percentage of different rises in the stone. Patterns which are in character and scale with a particular project can be selected at will. The modular principle is retained in all patterns for economical construction.

Over 50 other stones available and on display in Halquist showrooms.

For information and specifications Halquist sales engineers are at your disposal.

**HALQUIST**

LANNON STONE CO.  SUSSEX, WISCONSIN
Offers You Modern Design Freedom through long-span members

The sky is no longer the limit when it comes to the design freedom you receive with long-span, pre-stressed concrete. Give your clients the rewarding benefits of this modern, low cost, high quality building material. We would be happy to discuss design detail with you, show you pre-stressed members in production or in-place... and custom produced to your specifications.

Pre-stressed products from Concrete Research offer you unique design freedom and Underwriters Label Service. Our complete data manual is available on request.

CONCRETE RESEARCH INC.
P. O. BOX 491 • WAUKESHA, WISCONSIN • SPRING 1-1510

Unique design freedom...
Unusual advantages in span...
Uniform quality products

NOW IS THE TIME...

Plan to beat SUMMER HEAT

We need no “crystal ball” to know that uncomfortable, hot days are ahead.

Be sure to include electric air conditioning in your plans for:
1. Stores
2. Office buildings
3. Institutions
4. Recreational Centers
5. Production Areas
6. Night Clubs
7. Apartment buildings

Successful air conditioning must be planned to fit the job.

INSTALL ELECTRIC AIR CONDITIONING

WISCONSIN ELECTRIC POWER COMPANY
(Continued from Page 10)

It should have been no surprise, but it was pleasant to observe and hear our new president's performance at the finale banquet. Jack Rose did this on one hour's notice. A chorus of congrats to him.

Best Block Company has first option next year on the exhibit space next to the bar. These fellows claim it's the best possible location. We here do ponder the better mousetrap bit.

We were delighted to see Jim Plunkett bring two high school students with him.

WELCOME ABOARD

LAWRENCE E. AARON, new Junior Associate member resides in Madison at 5834 Russell Rd. Born March 2, 1933 in Meadville, Pa., now with John J. Flad and Associates of Madison, he received his B.S. in Architecture from Illinois Institute of Technology in 1956. His hobbies are stamp collecting and wood working. Traveled in Europe and Mediterranean area during his 3 years in the navy.

RONALD G. BOWEN, of 821 Jenifer, Madison, with the firm of Cashin and Associates in Madison, is a new Junior Associate member. He earned his B.S.A. in 1957 and his M.S.A.E. in 1959 from the University of Illinois. His hobbies are reading and golf. He was born August 14, 1934, Freeport, Illinois. Bowen won a Mention Award in 1960 Milwaukee Gas Light competition.

LAWRENCE HUETTENRAUCH, new Associate member, is presently with Rassold-Johnson and Associates, Inc., Madison. He was born in Wauwatosa, March 19, 1934 and resides at 1534 N. 9th St., Milwaukee. He has an 8 year service in the U.S. Naval Reserve. Wood working is his hobby and he has traveled on both the east and west coasts.

R. W. KELM of Route 1, Verona, Wisconsin is a recently elected Associate member. He is an associate in the firm Law, Law, Potter and Nystrom in Madison. Born in Ukraine on June 27, 1911, he was employed by E. F. Hauser in Co., Cleveland (1941-47), MellenBock, Foley and Scott, Berea, Ohio (1947-50), Law, Law, Potter and Nystrom, Madison (1950-55) and Jack Land, Madison (1955-57).

D. E. KRUEGER, new Junior Associate member, has furniture designing and building and snow and water skiing as hobbies. He was born July 3, 1936 in Milwaukee and lives at 226 N. 75th Street. He is with the firm of William P. Wenzler. From 1958 to 1960 he was with the U.S. Army in Japan and Korea. He received the third prize award in the New Orleans Citizens Pavilion in 1956.

GUSTAVS MARTINSONS, new Associate member, of 1707 Summit Ave., Madison, was born January 29, 1926 in Riga, Latvia. With John J. Flad and Associates in Madison since 1955, he was with the Corps of Engineers, U.S. Army, Riverdale, N.D. from 1952 to 1954, and Louis Ursa-Freed, Architect, of Aberdeen, S.D. from 1952 to 1955. He attended the Technical University in Karlsruhe, Germany for 2 years.

NORBERT C. SCHAEFER, of 1905 N. 25th Street, Sheboygan, is a new Wisconsin Chapter, AIA, Junior Associate member. Earning his B.S. in Architectural Engineering and B.S. in Civil Engineering at the University of Kansas in 1949, he is presently with the firm of E. A. Stubenrauch and Associates. Born in Avon, South Dakota, April 14, 1923, he was South Dakota Assistant Engineer in Charge of State Construction from 1949 to 1952, and Construction Engineer for Maxon Construction Company, Oak Ridge, Tenn. until 1954.

RICHARD C. SHUTTER, new Junior Associate member, born March 4, 1934 in Tomah, Wisconsin, earned his Bachelor's degree at the Illinois Institute of Technology, Chicago, in 1958. He has been with Silzer, Purcell and Cuthbert since 1958. His principal hobby is golf. His address is 8721 Bittersweet Place, Madison.

Architects . . . .
the FINEST Colonial stairs and woodwork available at lumber yards and millwork companies.

from
A. FILLINGER

A. FILLINGER INC.
DISTRIBUTFOR
FL. 3-8433
FL. 3-8133
6750 N. 43rd St.

Available for catalog and free information on stairs and parts.

NOVOTNY INC.
647 W. Virginia St.
Milwaukee 4, Wis.
A. L. J. C.
BR. 6-1899 — BR. 2-4183

F. H. LAWSON CO.
Medicine Cabinets
Bathroom Accessories

CHICAGO HARDWARE
FOUNDRY CO.
SANI-DRI Electric Hand and
Hair Dryers

VISADOR CO.
Distinctive
Wood Door Lights and Louvres

SHUTTER-LITES
BeautiMold

25
Automaticall, bridges the gap between truck and dock... with a smooth, easy grade.

"Dockbridge" is a simple, trouble-free, fully automatic, truck-activated, hinged loading ramp... takes trucks up to 16" above and down to 10" below dock level without the use of costly, complicated hydraulics or jury-rigged mechanisms. Only the "Dockbridge" is a clean, compact, self-contained package, ready to install in a prepared dock pit 17 1/2" deep. Makes installation low cost and easy in existing docks or new construction.

A "Dockbridge" installation means: Fewer truck spots to handle your load. More efficient flow of materials. Fewer personnel. Full use of material handling equipment. Efficient movement of materials during peak loading periods, cutting overtime, delays in shipping and billing. Trucks spend less time loading and unloading, more time rolling.